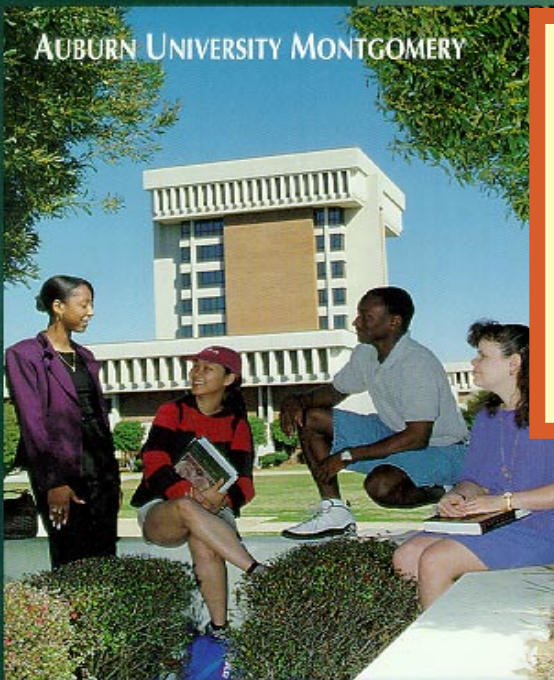


AUM

AUBURN UNIVERSITY MONTGOMERY

UNDERGRADUATE  
CATALOG  
1997-1998



# Auburn University Montgomery

## 1997-98 Catalog

**CollegeSource**

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# AUBURN UNIVERSITY AT MONTGOMERY

Montgomery, Alabama

1997-1998

## Undergraduate Catalog

The University reserves the right to make changes as required in course offerings, curricula, academic policies, and other rules and regulations affecting students, to be effective whenever determined by the University. These changes will govern current and formerly enrolled students. Enrollment of all students is subject to these conditions.

Auburn University at Montgomery is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools to award the bachelor's, master's, specialist, and doctoral degrees.



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# Calendar 1997–1998

## Fall Quarter 1997

### Full Quarter Calendar

1. Preregistration for fall quarter by invitation only, 8 A.M.– 6 P.M. .... Fri., Aug. 1
2. Student housing fee (fall quarter) due ..... Fri., Aug. 1
3. Extended preregistration ..... Mon., Aug. 4–Fri., Aug. 8
4. Early orientation and registration (by invitation only) ..... Fri., Aug. 8
5. New undergraduate student orientation ..... Thurs., Sep. 11
6. Final registration, 8 A.M.– 6 P.M. .... Fri., Sep. 12
7. Student housing move-in ..... Sun., Sep. 14
8. Late registration fee begins ..... Mon., Sep. 15
9. Regular classwork begins:
  - Weekend classes ..... Sat., Sep. 13–Sun., Sep. 14
  - Monday/Wednesday classes ..... Mon., Sep. 15
  - Tuesday/Thursday classes ..... Tues., Sep. 16

(NOTE: After the second scheduled class period starts, or after the first scheduled class for classes that meet once per week, prior written permission of the head of the department in which the course is offered is required to register or add a class.)
10. Schedule adjustment fee begins ..... Mon., Sep. 22
11. Last day for refunds/course waivers ..... Fri., Sep. 26
12. Last day to apply for fall quarter graduation ..... Fri., Oct. 10
13. Last day to drop/resign classes (by 5 P.M.) ..... Fri., Oct. 17
14. Graduation worksheets due from advisors ..... Fri., Oct. 24
15. Preregistration for winter quarter, 8 A.M.– 6 P.M. .... Fri., Oct. 31
16. Extended preregistration ..... Mon., Nov. 3–Fri., Nov. 7
17. Last day of classes:
  - Weekend classes ..... Sat., Nov. 8–Sun., Nov. 9
  - Monday/Wednesday classes ..... Wed., Nov. 12
  - Tuesday/Thursday classes ..... Thurs., Nov. 13
18. Final examinations (see examination schedule for weekday classes) ..... Sat., Nov. 15–Thurs., Nov. 20
 

(NOTE: Because of the variety of class times, final examinations for weekend classes are scheduled by the course instructor.)
19. Student housing fee (winter quarter) due ..... Mon., Nov. 17
20. Graduating candidates' grades and all requirements for graduation completed and due in the Records Office by 12 noon ..... Fri., Nov. 21
21. Student housing move-out ..... Fri., Nov. 21
22. All grades due in Records Office by 5 P.M. .... Mon., Nov. 24
23. Graduation ..... Tues., Nov. 25

**NOTE:** Some classes may be offered on a half- or tri-term basis; please check the quarter course schedule for these possible additional courses. Also, there is a possibility that a December mini-term may be offered. Check the fall quarter course schedule for details.

## Winter Quarter 1998

### Full Quarter Calendar

1. Preregistration for winter quarter by invitation only, 8 A.M.– 6 P.M. .... Fri., Oct. 31
2. Extended preregistration ..... Mon., Nov. 3–Fri., Nov. 7
3. Student housing fee (winter quarter) due ..... Mon., Nov. 17
4. New undergraduate student orientation ..... Fri., Dec. 19
5. Final registration, 8 A.M.– 6 P.M. .... Fri., Jan. 2
6. Student housing move-in ..... Fri., Jan. 2
7. Late registration fee begins ..... Mon., Jan. 5
8. Regular classwork begins:
  - Weekend classes ..... Sat., Jan. 3–Sun., Jan. 4
  - Monday/Wednesday classes ..... Mon., Jan. 5
  - Tuesday/Thursday classes ..... Tues., Jan. 6
9. Schedule adjustment fee begins ..... Fri., Jan. 9
10. Last day for refunds/course waivers ..... Fri., Jan. 16
11. Martin Luther King, Jr./Robert E. Lee  
holiday (no classes) ..... Sat., Jan. 17–Mon., Jan. 19
12. Monday/Wednesday classes meet at regular times ..... Fri., Jan. 23
13. Last day to apply for winter quarter graduation ..... Fri., Jan. 30
14. Last day to drop/resign classes (by 5 P.M.) ..... Fri., Feb. 6
15. Graduation worksheets due from advisors ..... Fri., Feb. 13
16. Student housing fee (spring quarter) due ..... Mon., Feb. 16
17. Preregistration for spring quarter, 8 A.M.– 6 P.M. .... Fri., Feb. 20
18. Extended preregistration ..... Mon., Feb. 23–Fri., Feb. 27
19. Last day of classes:
  - Monday/Wednesday classes ..... Wed., Mar. 4
  - Tuesday/Thursday classes ..... Thurs., Mar. 5
  - Weekend classes ..... Sat., Mar. 7–Sun., Mar. 8
20. Final examinations (see examination schedule  
for weekday classes) ..... Mon., Mar. 9–Sun., Mar. 15  
(NOTE: Because of the variety of class times, final examinations  
for weekend classes are scheduled by the course instructor.)
21. Student housing move-out ..... Fri., Mar. 13
22. Graduating candidates' grades and all requirements for graduation  
completed and due in the Records Office by 12 noon ..... Mon., Mar. 16
23. All grades due in Records Office by 5 P.M. .... Mon., Mar. 16
24. Graduation ..... Tues., Mar. 17

**NOTE:** Some classes may be offered on a half- or tri-term basis; please check the quarter course schedule for these possible additional courses.

# Spring Quarter 1998

## Full Quarter Calendar

- 1. Student housing fee (spring quarter) due ..... Mon., Feb. 16
- 2. Preregistration for spring quarter by invitation only, 8 A.M.– 6 P.M. .... Fri., Feb. 20
- 3. Extended preregistration ..... Mon., Feb. 23–Fri., Feb. 27
- 4. New undergraduate student orientation ..... Thurs., Mar. 26
- 5. Final registration, 8 A.M.– 6 P.M. .... Fri., Mar. 27
- 6. Student housing move-in ..... Fri., Mar. 27
- 7. Late registration fee begins ..... Mon., Mar. 30
- 8. Regular classwork begins:
  - Weekend classes ..... Sat., Mar. 28–Sun., Mar. 29
  - Monday/Wednesday classes ..... Mon., Mar. 30
  - Tuesday/Thursday classes ..... Tues., Mar. 31
- 9. Schedule adjustment fee begins ..... Fri., Apr. 3
- 10. Last day for refunds/course waivers ..... Fri., Apr. 10
- 11. Last day to apply for spring quarter graduation ..... Fri., Apr. 24
- 12. Last day to drop/resign spring quarter classes. .... Fri., May 1
- 13. Preregistration for summer quarter, 8 A.M.– 6 P.M. .... Fri., May 8
- 14. Extended preregistration ..... Mon., May 11–Fri., May 15
- 15. Graduation worksheets due from advisors ..... Fri., May 15
- 16. Student housing fee (summer quarter) due ..... Fri., May 15
- 17. Monday/Wednesday classes meet at regular times ..... Fri., May 15
- 18. Last day of weekend classes ..... Sat., May 23–Sun., May 24
- 19. Memorial Day holiday (no classes) ..... Mon., May 25
- 20. Last day of weekday classes:
  - Monday/Wednesday classes ..... Wed., May 27
  - Tuesday/Thursday classes ..... Thurs., May 28
- 21. Final examinations (see examination schedule  
for weekday classes) ..... Sat., May 30–Thurs., June 4  
(NOTE: Because of the variety of class times, final examinations  
for weekend classes are scheduled by the course instructor.)
- 22. Graduating candidates' grades and all requirements for graduation  
completed and due in the Records Office by 12 noon ..... Thurs., June 4
- 23. Student housing move-out ..... Fri., June 5
- 24. All grades due in Records Office by 5 P.M. .... Fri., June 5
- 25. Graduation ..... Sat., June 6

NOTE: Some classes may be offered on a half- or tri-term basis;  
please check the quarter course schedule for these possible  
additional courses.



## Summer Quarter 1998

### Full Quarter Calendar

1. Preregistration for summer quarter by invitation only, 8 A.M.– 6 P.M. .... Fri., May 8
2. Extended preregistration ..... Mon., May 11–Fri., May 15
3. Student housing fee (summer quarter) due ..... Fri., May 15
4. New undergraduate student orientation ..... Thurs., June 11
5. Final registration, 8 A.M.– 6 P.M. .... Fri., June 12
6. Student housing move-in ..... Fri., June 12
7. Weekend classwork begins ..... Sat., Jun. 13–Sun., June 14
8. Late registration fee begins ..... Mon., June 15
9. Weekday classwork begins:
  - Monday/Wednesday classes ..... Mon., June 15
  - Tuesday/Thursday classes ..... Tues., June 16
10. Schedule adjustment fee begins ..... Fri., June 19
11. Last day for refunds/course waivers ..... Fri., June 26
12. Last day to apply for summer quarter graduation ..... Thurs., July 2
13. Independence Day holidays (no classes) ..... Fri., Jul. 3–Sun., July 5
14. Last day to drop/resign summer quarter classes ..... Tues., July 14
15. Graduation worksheets due from advisors ..... Fri., July 24
16. Preregistration for fall quarter, 8 A.M.– 6 P.M. .... Fri., July 24
17. Extended preregistration ..... Mon., Jul. 27–Fri., July 31
18. Student housing fee (fall quarter) due ..... Mon., Aug. 3
19. Last day of classes:
  - Monday/Wednesday classes ..... Wed., Aug. 12
  - Tuesday/Thursday classes ..... Thurs., Aug. 13
  - Weekend classes ..... Sat., Aug. 15–Sun., Aug. 16
20. Final examinations (see examination schedule
  - for weekday classes) ..... Mon., Aug. 17–Sun., Aug. 23
  - (NOTE: Because of the variety of class times, final examinations  
for weekend classes are scheduled by the course instructor.)
21. Student housing move-out ..... Fri., Aug. 21
22. Graduating candidates' grades and all requirements for graduation  
completed and due in the Records Office by 12 noon ..... Mon., Aug. 24
23. All grades due in Records Office by 5 P.M. .... Mon., Aug. 24
24. Graduation ..... Tues., Aug. 25

**NOTE:** Some classes may be offered on a half- or tri-term basis;  
please check the quarter course schedule for these possible  
additional courses.

# Final Exam Schedules

## Fall Quarter 1997

	Mon. Nov. 17	Tues. Nov. 18	Wed. Nov. 19	Thurs. Nov. 20
8–11 A.M.	1st Period M–W	1st Period T–Th	2nd Period M–W	2nd Period T–Th
1–4 P.M.	3rd Period M–W	3rd Period T–Th	4th Period M–W	4th Period T–Th
6–9 P.M.	5th Period M–W	5th Period T–Th	6th Period M–W	6th Period T–Th

Find your class(es) in the squares. Read up to find the day and across to find the hour.

## Winter Quarter 1998

	Mon. Mar. 9	Tues. Mar. 10	Wed. Mar. 11	Thurs. Mar. 12
8–11 A.M.	2nd Period M–W	2nd Period T–Th	1st Period M–W	1st Period T–Th
1–4 P.M.	4th Period M–W	4th Period T–Th	3rd Period M–W	3rd Period T–Th
6–9 P.M.	6th Period M–W	6th Period T–Th	5th Period M–W	5th Period T–Th

Find your class(es) in the squares. Read up to find the day and across to find the hour.

# Final Exam Schedules

## Spring Quarter 1998

	Mon. June 1	Tues. June 2	Wed. June 3	Thurs. June 4
8–11 A.M.	1st Period M–W	1st Period T–Th	2nd Period M–W	2nd Period T–Th
1–4 P.M.	3rd Period M–W	3rd Period T–Th	4th Period M–W	4th Period T–Th
6–9 P.M.	5th Period M–W	5th Period T–Th	6th Period M–W	6th Period T–Th

Find your class(es) in the squares. Read up to find the day and across to find the hour.

## Summer Quarter 1998

	Mon. Aug. 17	Tues. Aug. 18	Wed. Aug. 19	Thurs. Aug. 20
8–11 A.M.	2nd Period M–W	2nd Period T–Th	1st Period M–W	1st Period T–Th
1–4 P.M.	4th Period M–W	4th Period T–Th	3rd Period M–W	3rd Period T–Th
6–9 P.M.	6th Period M–W	6th Period T–Th	5th Period M–W	5th Period T–Th

Find your class(es) in the squares. Read up to find the day and across to find the hour.

# Baccalaureate Degrees

## School of Business

Degree	Curriculum Identifier
B.S.B.A.	Accounting ..... AC
	Business Economics ..... EC
	International Business Studies ..... ECI
	Finance ..... FI
	General Business ..... GB
	Human Resource Management ..... HRM
	Information Systems ..... IS
	Management ..... MN
	Marketing ..... MT

(Any of the above identifiers except HRM followed by an “L” indicates Pre-Law.)

## School of Education

Degree	Curriculum Identifier
B.S./Education	Art Education (N-12) ..... ATE
Class B	Early Childhood Education (N-3) ..... ECE
Certification	Elementary Education (1-6) ..... EED
	Physical Education
	Adapted Physical Education (N-12) ..... APE
	Athletic Coaching (N-12) ..... CPE
	Non-Certification Physical Education ..... NPE
	Secondary Education (7-12)
	Biology ..... SBI
	Chemistry ..... SCH
	English ..... SEH
	General Science ..... SSC
	History ..... SHY
	Language Arts ..... SLA
	Mathematics ..... SMH
	Political Science ..... SPO
	Social Studies ..... SSS
	Speech Communication ..... SCE
	Special Education (N-12 except SEC)
	Early Childhood Special Education (B-5) ..... SEC
	Mental Retardation ..... SMR
	Mild Learning/Behavior Disabilities ..... SLB
	Speech Language Pathology ..... SSP

## School of Liberal Arts

Degree	Curriculum Identifier
B.A./Communication and Dramatic Arts	Communication and Dramatic Arts ..... COM
	Theatre ..... TH
B.A./English	English ..... EH
	Pre-Law ..... EHL
B.A./Fine Arts	Art ..... FA
	Graphic Arts ..... GFA

B.A./History	History .....	HY
	Pre-Law .....	HYL
B.A./International Studies	International Studies .....	IN
	International Trade .....	INT
B.A./Sociology	Sociology .....	SY
	Anthropology .....	ANT
	Geography .....	GY
	Gerontology .....	GER
	Pre-Social Work .....	SY
B.L.A.	Bachelor of Liberal Arts .....	BLA

School of Nursing

Degree	Curriculum Identifier	
	Pre-Nursing .....	PNU
B.S.N.	Nursing .....	NUR
(Must be admitted to upper division by the School of Nursing.)		

School of Sciences

Degree	Curriculum Identifier	
B.S./Biology	Biology .....	BI
	General Biology .....	BBS
	Environmental Science .....	BES
	Marine Environmental Sciences .....	MES
	Medical Technology .....	MTY
	Microbiology .....	BMB
	Molecular Biology .....	MOB
	Pre-Medicine .....	PMB
	Pre-Veterinary Medicine .....	PVM
B.S./Justice and Public Safety	Justice and Public Safety .....	JP
	Pre-Law .....	JPJ
	Corrections-Juvenile Justice .....	JPC
	Law Enforcement .....	JPE
	Legal Assistant .....	JPL
	Security Administration .....	JPS
B.S./Mathematics	Mathematics .....	MH
	Engineering Option .....	MHE
	Computer Science Option .....	MHC
	Pre-Engineering .....	PEN
	Pre-Medicine .....	PMM
B.S./Physical Science	Physical Science .....	PHS
	Chemistry Option .....	CH
	Pre-Medicine .....	PMP
	Pre-Pharmacy .....	PPH
	Pre-Physical Therapy .....	PPT
B.S./Political Science	Political Science .....	PO
	Pre-Law .....	POL
	Pre-Medicine .....	PM
B.S./Psychology	Psychology .....	PG

# Board of Trustees

Under the organic and statutory laws of Alabama, Auburn University is governed by a Board of Trustees consisting of one member from each congressional district, as these districts were constituted on January 1, 1961; an extra member from the congressional district in which the institution is located; and the Governor and State Superintendent of Education, who are ex officio members. The Governor is chairman. Members of the Board of Trustees are appointed by the Governor for 12 years and receive no compensation. Trustees serve until reappointed or their successors are named.

The Board of Trustees places administrative authority and responsibility in the hands of an administrative officer at Auburn University. The institution is grouped for administrative purposes into divisions, schools, and departments.

## Members of the Board

The Honorable Forrest H. James, Jr., Governor of Alabama, President		
(ex officio)		Montgomery
Dr. Edward R. Richardson, State Superintendent of Education		
(ex officio)		Montgomery
Name	District	Home
	Term Ends 1999	
Bessie Mae Holloway	First	Prichard
William James Samford, Jr.	Third	Opelika
John V. Denson	Third	Opelika
Emory O. Cunningham	Ninth	Birmingham
President Pro Tempore		
	Term Ends 2003	
Jack B. Venable	Fourth	Tallassee
Lowell R. Barron	Fifth	Fyffe
Charles G. Glover	Seventh	Cullman
	Term Ends 2007	
Vacant <sup>1</sup>	Second	
Paul J. Spina, Jr.	Sixth	Hoover
Vacant <sup>1</sup>	Eighth	

<sup>1</sup> As of January 30, 1997.

## Advisory Board

E. Kyle Kyser, Chairman	Bonnie B. Moore
James L. Loeb, Vice Chairman	W. Robbins Taylor
A. Bowen Ballard	David W. Thames
James Barganier	Luther Waller
Newton J. Bell III	George H. Waters
W. Mike Bridger	John H. Winston, Jr.
John A. Caddell	Carolyn D. Corliss, ex officio
J. Marvin Carroll	Larry Dixon, ex officio
Danny Cassady	Terry Everett, ex officio
George B. Clements	Emory Folmar, ex officio
Marjorie V. Garzon	William Joseph, ex officio
James L. "Soup" Goyer, Jr.	Donald G. Nobles, ex officio
Jeanne Hackman	George D. Schrader, ex officio
Ouita B. Kimbrough	Thomas T. Somerville, Jr., ex officio
Jack J. Kirschenfeld	Gregory D. Wren, ex officio
William H. McLemore	

## Advisory Board Members Emeriti

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Robert B. Ingram  
D. Joseph McInnes  
Eunice Davis McNeill  
Charles Smith III  
Will Hill Tankersley

Robert S. Weil II  
C. E. Weldon, Jr.  
Milton A. Wendland  
Clyde H. Wood  
Ida Belle Young

## Administrative Council

Muse, William V., <b>President</b> .....	1992
B.S., Northwestern State University; M.B.A., Ph.D., University of Arkansas	
Saigo, Roy H., <b>Chancellor</b> .....	1994
B.A., University of California at Davis; Ph.D., Oregon State University	
Best, Rickey D., <b>Interim Dean, Library</b> .....	1986
B.A., M.A., University of California, Riverside; M.L.I.S., University of California at Berkeley	
Boyer, Joe L., <b>Assistant to the Chancellor</b> .....	1989
B.S., Tennessee State University; M.S., University of Illinois at Urbana-Champaign; Ph.D., Ohio State University	
Butler, Stephen, <b>Director, Computer Center</b> .....	1980
B.A., M.I.S, Auburn University at Montgomery	
Chapman, Larry F., <b>Director, Athletics</b> .....	1977
B.S., M.Ed., Auburn University	
Cook, Jerry T., <b>Director, Physical Plant</b> .....	1986
B.S., Auburn University	
Corliss, Carolyn D., <b>President, Staff Council</b> .....	1991
B.S., Troy State University	
Davis, Pharis Lee, Jr., <b>Director, Admissions</b> .....	1973
A.B., Bethany Nazarene College; M.Div., Nazarene Theological Seminary; M.Ed., University of Montevallo	
Deaton, William L., <b>Dean, School of Education</b> .....	1992
B.S., Albany State College; M.S.Ed., Ph.D., University of Kansas	
Deravi, M. Keivan, <b>Director, Center for Government and Public Affairs</b> .....	1985
B.A., University of Teheran; M.B.A., Tarlton State University; Ph.D., Oklahoma State University	
Fulford, Sherri G., <b>Executive Director, University Relations</b> .....	1983
B.S., Troy State University; M.P.A., Auburn University at Montgomery	
Gardner, Jay W., <b>Chief, Campus Police</b> .....	1994
B.S., Trenton State College; M.S., Auburn University at Montgomery	
Gerogiannis, Nicholas C., <b>President, Department Heads Council</b> .....	1976
B.A., M.A., San Francisco State University	
Hackel, Alan S., <b>Dean, Continuing Education</b> .....	1993
B.A., M.S., Case Western Reserve University; Ph.D., Ohio State University	
Hill, George A., <b>Interim Registrar</b> .....	1984
B.S., M.S., Troy State University	

Hill, Joseph B., <b>Dean, School of Sciences</b> .....	1969
B.A., M.A., Washington State University; Ph.D., Auburn University	
Johnston, <b>James K., Vice Chancellor for Financial and Administrative Services</b> .....	1990
B.S., M.Ed., Auburn University	
Lantz, Keith W., <b>Dean, School of Business</b> .....	1995
B.S., University of Wyoming; M.S., Oklahoma State University; Ph.D., University of Iowa	
McDaniel, Nancy, <b>Director, Center for Special Services</b> .....	1992
B.S., Kent State University; M.Ed., Ed.D., Auburn University	
Nobles, Donald G., <b>President, Faculty Council</b> .....	1989
A.B., M.A., University of Alabama	
O'Brien, Wini M., <b>Interim Dean, School of Nursing</b> .....	1989
B.S.N., Auburn University; M.S.N., Troy State University; Ph.D., University of Alabama	
Pollard, Dempsey, <b>Director, Campus Services</b> .....	1973
B.S., Huntingdon College	
Ritvo, Roger A., <b>Vice Chancellor for Academic and Student Affairs, and Director, Graduate Studies</b> .....	1997
B.A., Western Reserve University; M.B.A., George Washington University; Ph.D., Case Western Reserve University	
Shook, Rose, <b>Director, Personnel Services</b> .....	1987
B.S., Central Michigan University; M.A., Andrews University; M.S.A., University of Notre Dame	
Tomczak, Edward J., <b>Special Assistant to the Vice Chancellor for Student Affairs</b> .....	1976
B.S., Fordham University; M.Ed., Auburn University at Montgomery	
Veres, John G., III, <b>Director, Center for Business and Economic Development</b> .....	1978
B.S., M.S., Auburn University at Montgomery; Ph.D., Auburn University	
Walker, Robbie Jean, <b>Interim Dean, School of Liberal Arts</b> .....	1979
B.S., Alabama A&M University; M.Ed., Alabama State University; Ed.D., Auburn University	
Woodman, Nancy C., <b>Executive Director, Advancement and Alumni Services</b> .....	1981
B.A., Hendrix College; M.S., University of Arkansas; Ph.D., University of Mississippi	
<b>President, Student Government Association</b>	



# Mission of the University

As the metropolitan campus of a land-grant institution, Auburn University at Montgomery blends the traditional view of the university as a community of scholars with the contemporary view of the university as an integral part of the surrounding community, state, and region. Its mission is to foster and exemplify excellence in education through instruction, research, and service—to provide academic programs that are not only characteristic of the finest traditions of the liberal arts, business, the sciences, nursing, and education, but also consistent with the responsibility of the university to provide support for the functions of government, cultural enrichment through the arts, and regional economic growth.

As a center of learning dedicated to the examination of ideas and values influencing civilization, AUM is committed to:

1. Providing its students with an understanding of the issues, ideas, and values that have a significant impact on the development of society;
2. Developing in its students the methodological approaches essential to understanding contemporary society and its problems, and to fostering critical thinking;
3. Providing students with a broadly based education, as well as preparing them for the learned professions;
4. Conducting research that contributes to the advancement of knowledge;
5. Extending its knowledge, skills, and resources to the community, state, and region;
6. Providing opportunities for lifelong learning.

AUM encourages open and free inquiry and seeks to instill in its students ways of thinking, communicating, and learning that will be of enduring value.

# Goals of the University

The personal and intellectual development of students is the inherent goal of a university education. This assumption, complemented by the belief that knowledge is valuable in itself, underlies the primary aspiration of AUM: to create in students a realization of their potential as responsible, ethical human beings. Therefore, AUM adopts the following goals:

## I. Instruction

### A. Academic programs

The University will:

1. Establish and regularly review the goals of all academic programs to ensure that they are consistent with the mission of the University;
2. Allocate sufficient resources for existing programs while remaining sensitive to the need for additional programs at both the undergraduate and graduate levels;
3. Seek appropriate accreditation for all academic programs;
4. Develop interdisciplinary programs and courses, recognizing that knowledge transcends the boundaries of traditional university disciplines;
5. Offer programs to attract, retain, and challenge the academically superior student;
6. Establish thesis requirements where appropriate in graduate programs to encourage graduate student research;
7. Provide library and media resources needed to support the educational, research, and service functions of the University;
8. Develop cooperative programs with Auburn University at Auburn, with

other colleges and universities, and with business, arts, industry, and government, in a manner consistent with the mission of the University;

9. Maintain a physical plant appropriate for the support of quality academic programs.

## B. Students

The University will:

1. Produce graduates who are distinguished by abilities and attitudes characteristic of a well-educated person, including:
  - a. A knowledge and understanding of the arts and humanities, of the principles of mathematics, science, and technology, and of their impact on society and the individual;
  - b. An ability to locate, organize, analyze, synthesize, and evaluate information;
  - c. An understanding of the scientific method and its application;
  - d. An ability to think creatively as well as critically;
  - e. An ability to apply abstract concepts and ideas to specific situations;
  - f. An intellectual curiosity and discipline that result in lifelong inquiry;
  - g. The ability to make ethical decisions;
  - h. The skills necessary for effective communication with others;
  - i. An understanding of those democratic processes and values underlying the concepts of responsible citizenship.
2. Recognize and provide for individual differences in students through:
  - a. Effective advising;
  - b. Academic placement programs;
  - c. Developmental and accelerated courses;
  - d. Accommodation for exceptional students;
  - e. Counseling and health services;
  - f. Career placement services, to include internship and cooperative education opportunities.
3. Evaluate student proficiency in both written and oral communication and encourage the reinforcement of writing and speaking skills throughout the curricula;
4. Pursue funds to provide scholarships for meritorious students with appropriate methods of awarding and publicizing the scholarships;
5. Offer and support opportunities for students to study abroad in programs appropriate to the promotion of international understanding;
6. Provide co-curricular opportunities that enhance academic, ethical, physical, and social development;
7. Develop and support intramural sports;
8. Provide sufficient on-campus housing to promote social interaction and enhance university campus life;
9. Encourage diversity in the student body by recruiting students from varied demographic backgrounds;
10. Provide intercollegiate athletic programs conducted to allow the student-athlete opportunities for the full development of athletic skills in balance with academic progress.

## C. Faculty

The University will:

1. Recruit and retain well-prepared, talented, and dedicated faculty;
2. Use adjunct faculty to the extent they enhance academic programs;
3. Provide opportunities for faculty and staff development through seminars, workshops, study abroad, and the annual awarding of sufficient numbers of professional improvement leaves;
4. Include faculty participation in decision making at the university, school, and departmental levels;
5. Assess teaching quality and reward teaching excellence.

## **II. Research**

The University will:

- A. Provide opportunities for graduate and undergraduate students to develop research skills;
- B. Encourage faculty and professional staff in grant activity and research, participation at professional meetings, and publication;
- C. Provide sufficient financial support for faculty and graduate student research;
- D. Assess and reward excellence in research;
- E. Provide applied research opportunity through specialized research and development centers to assist in solving problems in government, business, and economic development.

## **III. Service**

The University will:

- A. Provide cultural activities for the community, state, and region;
- B. Provide professional expertise and services of faculty and staff to the community, state, and region;
- C. Provide professional expertise to societies and associations;
- D. Provide for the lifelong learning needs of the community, state, and region by offering a comprehensive program of continuing education;
- E. Provide for effective governance of the University by encouraging faculty and staff participation on university committees and councils;
- F. Provide faculty and staff leadership for student honor societies, service organizations, and other special groups;
- G. Provide a comprehensive program of alumni services that includes alumni participation in the areas of academics, research and development, recruiting, and fund-raising, and that recognizes outstanding achievement by alumni;
- H. Assess and reward excellence in service.



# History

Auburn University at Montgomery was established in 1967 by Act 403 of the Alabama Legislature. This action resulted from the request of the citizens of the Montgomery area to establish a degree-granting institution to serve Montgomery and the surrounding counties. In March, 1968, Dr. H. Hanly Funderburk, Jr., was appointed vice president and chief administrator of the new institution called Auburn University at Montgomery. The University offered its first classes in September, 1969. A 500-acre tract on the east side of Montgomery was purchased for the site of the new campus. The land, which was formerly part of the McLemore Plantation, is located approximately seven miles east of downtown Montgomery between Interstate 85 and Highway 80. Two architectural firms developed the master plans for the new campus and designed the original buildings, which were occupied in the fall of 1971.

Prior to the establishment of AUM, the University of Alabama operated an extension center on Bell Street in downtown Montgomery. When the decision was made to establish AUM, Auburn University purchased the Bell Street facilities owned by the University of Alabama. These facilities served as a temporary location for AUM from 1968 until 1971, while the campus was being developed.

In 1973 AUM was accredited by the Southern Association of Colleges and Schools as an operationally separate institution. In 1978, and most recently in 1988, accreditation was reaffirmed by the Southern Association.

A broad-based academic institution, AUM is organized into five academic schools and one extension division. The academic schools are Liberal Arts, Sciences, Education, Nursing, and Business. All schools offer graduate level courses. The extension division is the Division of Continuing Education.

In addition, AUM's Air University Graduate Program is set up in cooperation with the Air University at Maxwell Air Force Base, located in Montgomery. Through this cooperative effort, master's degree programs are offered in Political Science and Public Administration. Classes meet at Maxwell AFB in facilities provided by the Air University.

Classes on the AUM campus are held Monday through Thursday from 8 A.M. to 10 P.M. and on Friday, Saturday, and Sunday at hours that vary from quarter to quarter. Offering classes during both the day and the evening hours has been a standard practice at the University since fall quarter, 1969, and provides students greater flexibility in course scheduling. The total number of students enrolled at AUM during fall quarter, 1996, was 5,645. In addition to the students enrolled in credit courses, over 15,000 persons were enrolled in Continuing Education activities.

# Campus and Buildings

The campus of Auburn University at Montgomery is located near Interstate 85, just east of downtown Montgomery. This location makes AUM easily accessible from any point in or near the Montgomery area. (See area map on inside back cover of the catalog.)

At present, the campus comprises five classroom buildings, the library, the university center, a physical education and athletic complex, two student housing areas, and various support facilities. (See campus map on inside front cover of the catalog.)

Goodwyn Hall, containing over 100,000 square feet of space, houses the School of Sciences, the Fine Arts Department, the Art Gallery, and the Life Sciences Annex.

The School of Education is housed in one wing of the Liberal Arts/Education complex completed in 1974, and the School of Liberal Arts is housed in a wing completed in 1975. This complex contains classrooms, offices, a reading clinic, and a speech and hearing clinic. In addition, a Liberal Arts annex, completed in 1989, provides space for archaeology, theatre, and sculpture.

The School of Business and the Computer Center are housed in a 57,000 square foot complex on the east side of the campus. The Computer Center is equipped with both stand-alone equipment and terminals to the larger Computer Center at Auburn.

The School of Nursing shares with Medical Technology a 39,175 square foot facility that was completed in 1988 and named in honor of Dr. Irma B. Moore in 1993. It contains faculty offices, classrooms, and laboratories. The Learning Center is also located in Moore Hall.

The Library and the University's administrative offices are situated in the 100,000 square foot Library building. Also located in the Library building are the Centers for Business and Economic Development, Demographic and Cultural Research, Government and Public Affairs, and Special Services and the offices of Advancement and Alumni Services, the Division of Continuing Education, Contracts and Grants Administration, and University Relations. The Deichelmann Conference Center is on the tenth floor of the Library building.

The University Center houses the cafeteria, the bookstore, the Counseling Center, a recreation room, student study and television lounges, offices for student activities, the Admissions Office, Campus Police, the Cashier Office, the Housing and Residence Life Office, the Registrar's Office, ROTC, SGA, conference rooms, and the university theatre.

The Physical Education and Athletic Complex houses offices, classrooms, an indoor track, and a multipurpose gymnasium that seats 4,300 basketball spectators or an audience of 4,700 when used as an auditorium.

## AUM Library

The AUM Library is housed in a two-phase building complex which includes a ten-story tower. The library collections contain about 318,000 books and 1,600 periodical subscriptions. The Library also has extensive collections of documents and periodicals on microfilm, a growing collection of manuscripts and archival materials, and several databases on CD ROM. The CD ROM databases provide indexes to U.S. census data and journal articles in the fields of education, psychology, business, nursing, and literature. There is a computer link to the library catalog of Auburn University in Auburn and a CD ROM catalog of the library holdings for many of the other libraries, public and academic, in the state of Alabama.

The Library is a federal government documents depository with over one million publications dating from the mid-19th century to the present. The Library supplements these resources by providing interlibrary loan services for faculty and students. The AUM Library is a member of OCLC, Inc. (an international on-line bibliographic database with about 20 million records) and SOLINET (Southeast Library Network).

The Library reference service offers bibliographic instruction for upper level classes to assist students in beginning a research project. The faculty and staff also provide individual assistance to students in finding information, using CD ROM databases, and using microform readers.

The Library seats almost 700 and includes closed study carrels, a carrel with a machine to assist those with visual difficulties, and a classroom. It is staffed by a capable, friendly staff of professional librarians and paraprofessionals who are ready to help you. The Library is open about 80 hours each week during quarters.

## Tutorial Assistance

AUM offers free tutoring for its students in mathematics, English, biology, and chemistry. The Learning Center (325 Moore Hall) provides one-on-one tutoring in mathematics, English, and English as a Second Language. Students may call 244-3470 or stop by for an appointment. TDD users may call 244-3801. Walk-ins are also welcome on a space-available basis.

The Instructional Support Lab (203A Goodwyn Hall) offers one-on-one and computer-assisted tutoring in biology and chemistry. Tutorial computer programs for English grammar and mathematics are also available. Walk-ins are welcome; no appointments are necessary.

## Housing and Residence Life

AUM's West Area residence halls consist of seven two-story apartment buildings, each housing 48 students, for a total occupancy of 336 students. The West Area residence halls are located just east of the School of Business building and are adjacent to the University Center. Six of the seven West Area residence halls contain efficiency apartments that house two students. The remaining West Area residence hall accommodates four students in each apartment. Rooms specifically designed for individuals with physical disabilities are located in two of the halls.

AUM's East Area residence halls consist of five three-story apartment buildings, each housing 48 students, for a total occupancy of 240 students. The East Area residence halls are located north of the East University Drive entrance to the campus. Each East Area apartment consists of a separate kitchen, living area, and bedroom and accommodates two students.

Information concerning off-campus housing is also available in the Housing Office.

## Scholarships

AUM merit scholarships were awarded for the 1996-1997 year with funds available from the following:

AUM Alumni Association  
 AUM Bookstore  
 AUM Department of Economics  
 AUM Department of History  
 AUM Department of Marketing  
 AUM Department of Mathematics Faculty Honor Scholarships  
 AUM Scholarship Endowment Fund  
 AUM School of Sciences  
 AUM Staff Council  
 AUM Vending Operations  
 Alabama Oncology Hematology Associates  
 Alabama Power Foundation  
 Alabama Society of Professional Engineers  
 Aldridge Borden & Co.  
 Alpha Delta Kappa, Alabama Alpha Iota Chapter (Emily Milner Memorial Scholarship and Annie Mae Morriss Honor Scholarship)  
 American Legion Auxiliary  
 Armed Forces Communications and Electronics Association  
 Bank of Prattville  
 Baptist Health Care Foundation (Mead Scholars Program and Howard S. Durden Scholarship)  
 Barber Pure Milk Company  
 Martha Bedwell Memorial Scholarship  
 The Blount Foundation  
 Clara B. and Ben C. Brewer Memorial Scholarship  
 Charles M. Brightwell Memorial Scholarship

John and Joyce Caddell  
 Missy Chappelle Memorial Scholarship  
 Christ Community Church  
 Community Hospital of Tallassee (Ocie C. Haynie Memorial Scholarship)  
 Compass Bank  
 Dallas County Scholarship Foundation (Samuel O'Hara Memorial)  
 William S. and Judith Dinerman Memorial Scholarship  
 Betty Fitz-Gerald Endowment  
 Mr. and Mrs. James Folmar  
 Mr. and Mrs. Emil Hess  
 John O. Hope  
 INFORMS, Inc.  
 International Peace Scholarship  
 Jackson Thornton & Co., P.C.  
 Seth Johnson Memorial Scholarship in Economics  
 Killian Memorial Scholarship  
 J. J. Kirschenfeld, M.D.  
 License-to-Learn Vanity Tag Program  
 Mr. and Mrs. James L. Loeb  
 Catherine K. and Edward L. Lowder Scholarship  
 LaVonne and Norbert Maertens Scholarship  
 Medical Society of Montgomery County  
 Robert L. Miller Scholarship  
*Montgomery Advertiser*  
 Montgomery-Autauga-Elmore Medical Auxiliary  
 Montgomery Coca-Cola Bottling Co., Ltd.  
 Montgomery Electrical Contractors' Association (Frank Edward Mosley Memorial  
     Scholarship)  
 Dr. Irma Bentley Moore Memorial Scholarship Fund  
 Parisian  
 Margarita Pepe Memorial Scholarship  
 Phi Kappa Phi  
 Pink Ladies, Inc., of Columbia Regional Hospital  
 Billie Pirnie  
 Frank and Betsy Plummer Memorial Scholarships  
 Betty Hood Poorman Memorial Scholarship in Art  
 Regions Bank (formerly First Alabama Bank)  
 Robbins-Gioia, Inc.  
 Jimmy and Emma Lou Rouse  
 Dr. Darrell Schlotterback  
 Southtrust Bank  
 Lee Story Memorial Scholarship  
 TCI  
 David Thames  
 Thompson Tractor Company  
 Union Camp Corporation Ethics Scholarships  
 U.S. Department of Education Title III Endowment  
 Suzanne B. and George E. von Gal Memorial Scholarship Fund  
 George Platt Waller, Jr. Memorial Scholarship  
 Woodland United Methodist Church  
 Several anonymous friends



## Scholarship Award Policy

Scholarship applications must be submitted to the Financial Aid Office by March 15 preceding the academic year for which the scholarship is requested. **Applications must be submitted annually.**

All scholarships offered by AUM will provide tuition assistance only unless otherwise specified.

Scholarships are awarded for three of four quarters, fall through summer.

Scholarship recipients are expected to enroll for a minimum of 12 quarter hours each quarter the scholarship is received.

Scholarship recipients are expected to maintain an overall 3.5 GPA for each quarter the scholarship is received. The scholarship may be cancelled if the minimum grade point average is not maintained.

Scholarship applicants who have completed 45 quarter hours at AUM by the end of spring quarter and who have a minimum grade point average of 3.5 will be considered first for scholarships offered through AUM. Other priorities will follow class standing and existing GPA criteria. Entering freshmen and transfer students with a minimum composite score of 25 on the ACT will then be considered for scholarships.

A scholarship will be awarded to an undergraduate student for no more than 12 quarters.

Students' inquiries regarding these scholarships should be made to the director of financial aid.

## School of Nursing Award

The Montgomery-Autauga Medical Auxiliary has established an endowment for an annual cash award to be presented to the graduating senior whose dedication to and compassion for humanity and whose commitment to the healing arts exemplify the highest ideals of the nursing profession.

## Margaret Ruth Sturgis Award for Excellence in Undergraduate Economics

Friends of Margaret R. Sturgis have established an endowment for an annual cash award to be presented to the outstanding undergraduate student in economics.

# Fees and Charges

*The following fees and charges are in effect at this time. However, because the catalog is published in advance of the next academic year, it is not possible to anticipate changes in the fee schedule. When they occur, changes in the fee schedule will be publicized as far in advance as possible.*

Fees at AUM remain somewhat lower than fees charged at similar institutions in the Southeast and throughout the nation. As operating costs rise, small increases in fees are authorized by the Board of Trustees to meet these increased costs. Every effort is made to hold these changes to the minimum.

## Payment of Fees and Charges

Students are expected to meet all their financial obligations to the University when due. Most AUM related obligations are included in the University's student accounts receivable system, which bills students by mail at three- to five-week intervals. Payment of all billed charges must be made by each statement's due date to avoid late payment charges. Payments may be made either by mail or direct delivery to the Cashier Office, 141 University Center. Payments made by mail should allow for delivery on or before the due date. A drop box is located at the Cashier Office to accommodate after hour delivery of payments. Billing statements are sent to the student's last provided address, and the Cashier Office should be contacted if a statement has not been received within three weeks of incurring a charge.

AUM reserves the right to deny continuing admission and to hold grades and transcripts of students who fail to meet their financial obligations to the University. Reasonable collection costs and charges along with all attorney's fees necessary for the collection of any debt will be charged to and paid by the debtor.

## Checks

Checks given in payment of fees and charges are accepted subject to final payment. If the bank on which the check is drawn does not honor the demand for payment and returns the check unpaid, the student will be assessed the handling charge of \$20. The University has the right but not the obligation to redeposit any returned check without notice to the student or maker. Any returned check not paid within 10 days will be referred to the District Attorney's office for collection at the student's expense.

Stop-payment and account closed checks will be processed as returned items and will be subject to the same fees and collection costs. A stop payment placed on a check does not constitute withdrawal from courses. Official withdrawal must be made through the Registrar's Office or the school of your major.

## Veterans

Veterans enrolled under the federal GI Bill receive allowances directly from the government and are responsible for paying their fees and charges on the same basis as other students (this does not apply to the Veteran's Rehabilitation Program).

## Basic Quarterly Charges

All fees are due and payable at the time of registration.

<b>Full-time students</b> (12-15 hours) .....	<b>\$710</b>
Additional fee (per hour over 15 hours) .....	<b>\$26</b>
<b>Full-time non-resident fee</b> (12-15 hours) .....	<b>\$2,130</b>
Additional fee (per hour over 15 hours) .....	<b>\$78</b>

<b>Part-time students</b> (not exceeding 11 hours per quarter)	
Course fee (per credit hour) .....	\$56
Registration fee .....	\$38
(The \$38 registration fee is waived for full-time faculty and staff members.)	
<b>Part-time non-resident students</b> (not exceeding 11 hours per quarter)	
Course fee (per credit hour) .....	\$168
Registration fee .....	\$38

## Student Housing Fees

<b>Security deposit</b> (refundable with conditions) .....	\$100
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### West Area

One-bedroom apartment for two students .....	\$590/qtr./person
Two-bedroom apartment for four students .....	\$520/qtr./person
One-bedroom apartment for married couple .....	\$1,180/qtr.

### East Area

Apartment for two students .....	\$790/qtr./person
One-bedroom apartment for married couple .....	\$1,580/qtr.

## Other Fees

<b>Clearing for graduation fee</b> .....	\$38
A candidate for a degree in a quarter in which no credit work is taken is required to register in such quarter as a prerequisite to graduation. Graduation fee is to be paid in addition to this charge.	
<b>Graduation fee</b> .....	\$35
Transferred to any subsequent quarter or refundable if student fails to qualify for graduation.	
<b>Late registration fee</b> (nonrefundable) .....	\$30
<b>Late payment fee</b> (per billing cycle) (nonrefundable) .....	\$1 - \$25
<b>Audit fee</b> (per course) .....	\$56
Any student who pays less than full fees must pay this fee for auditing a course. Registration fee is also assessed.	
<b>Schedule adjustment fee</b> .....	\$20
Charge is made in all cases where student is not required by the University to change, but has the department head's approval to do so after classes begin.	
<b>Transcript fee</b> .....	\$3

## Registration Fee Cancellation or Refunds

Students resigning by the last day for refunds/course waivers are eligible for a refund/waiver of all course fees paid, except \$38, which is retained by AUM. Housing fees are refunded according to the terms and conditions of the rental agreement.

Students resigning because of personal illness or call to military service may be eligible for a refund of all fees paid, except \$38, which is retained by AUM.

Students suspended for disciplinary reasons are not eligible for refunds or cancellation of amounts due.

Students processing schedule adjustment forms after the refund date are required to clear all financial obligations with the Cashier Office.

# Student Financial Aid

The Office of Student Financial Aid, an operation of the Office of Student Affairs, administers the student financial aid programs which provide monetary assistance to students who, without such aid, would be unable to attend Auburn University at Montgomery. Student aid is awarded as a supplement to, not in lieu of, reasonable contributions from parental income, other parental resources, and the student’s own resources and earnings. The maximum award will not exceed the sum actually needed to supplement these family resources. The University reserves the right to limit awards to prevent award duplication.

## Satisfactory Academic Progress Policy

Auburn University at Montgomery is required by the Higher Education Act of 1965, as amended, to establish a satisfactory academic progress policy for students who receive federal Title IV financial aid. Federal regulations require that the policy include qualitative and quantitative measures and a time frame within which an academic program must be completed.

**Qualitative measure:** Students who receive financial aid will continue to receive aid as long as they meet the requirements and maintain a minimum overall grade point average of 2.0 on a 4.0 scale. This minimum standard goes into effect for each student after the student has attempted the first 36 hours of work at Auburn University at Montgomery.

**Time frame:** Students will be allowed six academic years of Full-Time Equivalent enrollment (FTE) in order to complete their bachelor’s degree. Those working on a graduate degree or certification will be allowed two academic years of FTE in addition to the above.

**Quantitative measure:** In order to remain eligible for financial assistance, students must pass a minimum number of hours as follows:

FTE Quarters Enrolled	Credit Hours Required to Be Completed	
	Undergraduate	Graduate
3	36	30
6	72	60
9	108	NA
12	144	NA
15	180	NA
18	216	NA

Students who are required to enroll in remedial courses will be allowed additional time in which to complete their degree.

Students who are in programs of longer or shorter duration will be assessed on a pro rata basis.

A student must be enrolled for a minimum of 12 hours to be considered a full-time student. Students enrolling less than full time will be treated according to their enrollment status. (Two half-time quarters equal one full-time quarter. Four three-quarter-time quarters equal three full-time quarters.) Students who withdraw from the University during the quarter will have their financial assistance prorated according to federal regulations.

**Evaluation:** A student will be evaluated each time he/she applies for financial assistance, which will be at least annually.

**Appeals:** Students receiving or applying for financial aid may appeal a decision of non-compliance using the following procedure: Appeals must be made in writing to the director of financial aid. All appeals must be submitted within two weeks after students

receive notification that they are not eligible to receive financial aid. All appeals must include the reason why they failed to complete the credit hours as required and any documentation which supports their appeal.

**Reinstatement:** Students who become ineligible for financial aid because of failure to maintain satisfactory academic progress may reapply for financial aid after clearing the deficiency and when they bring their overall academic average to at least the 2.0 level.

## Financial Aid Programs

The basic programs administered by the Office of Student Financial Aid are:

1. **Federal Pell Grants:** These are grants made by the federal government to students.

To apply, the student must complete a form called Application for Federal Student Aid. Copies of the form are available from the Office of Financial Aid at AUM. The application includes instructions for processing. Within four to six weeks the student will receive the Student Aid Report, with instructions to deliver it to the Financial Aid Office.

The university Cashier Office actually makes the grant disbursements.

2. **Federal Supplemental Education Opportunity Grants (FSEOG):** These grants are for students with exceptional financial need who, without the grant, would be unable to continue their education.

A student is eligible to apply if she or he is enrolled at least half-time (6 hours) as an undergraduate student. The grant cannot exceed one-half the total aid received by the student. Eligibility is based on the above mentioned Student Aid Report (SAR).

3. **Federal Work-Study (FWS) Program:** This program provides for students who have great financial need and who must earn a part of their educational expenses. A student may apply if she or he is enrolled at least half-time as a graduate or undergraduate student.

In arranging a job and determining how many hours a week the student may work under this program, the financial aid officer takes into account (1) need for financial assistance; (2) class schedule; and (3) health and academic progress. In general, the salary received is equal to the current minimum wage. Apply through the Financial Aid Office at AUM. This office is responsible for determining eligibility and for arranging the job.

4. **Federal Perkins Loans:** These loans are for students who are enrolled at least half-time (6 hours) and who need a loan to meet educational expenses. Loans are interest-free until the student completes or discontinues his college studies. Repayment begins nine months after the student graduates or leaves school. Additional deferment is granted to students entering the military service or Peace Corps. The repayment period may extend over a period of 10 years at 5% noncumulative interest rate.

The student must apply through the University's Financial Aid Office. Loan cancellations are available to teachers in Head Start Programs, low-income areas, and special education. Cancellations are also available to individuals employed full-time in the nursing/medical technology and law enforcement fields.

The Federal Perkins Loan is for both undergraduate and graduate students.

5. **Federal Direct Stafford Loans:** This program enables a student to borrow directly from the U.S. Department of Education.

Application can be made by a student enrolled at least half-time (6 hours). The maximum amount allowed per year is \$2,625 for freshmen, \$3,500 for sophomores, and \$5,500 for junior and senior status. A variable interest rate is based on the 91-day T-bill plus 3.10%, not to exceed 8.25%. The total allowed for undergraduate school is \$23,000.

6. **Federal Direct Unsubsidized Loans:** This program is intended for those student borrowers who do not qualify for federal interest benefits. Students borrow directly from the U.S. Department of Education.

Application can be made by a student enrolled at least half-time (6 hours). The maximum amount allowed per year is \$2,625 for freshmen, \$3,500 for sophomores, and \$5,500 for junior and senior status. A variable interest rate is based on the 91-day T-bill plus 3.10%, not to exceed 8.25%. The total amount allowed for undergraduate school is \$23,000. The student is responsible for paying all interest while in school.

7. **Tuition Scholarships:** Academic excellence is considered in selecting scholarship recipients. Only full-time (12 or more hours) students are eligible for consideration.

Scholarships are awarded to students on an annual basis depending upon funds available. Students must maintain certain academic standards for scholarship renewals.

8. **AUM Emergency Loan Fund:** This program is available to undergraduate or graduate students whose tuition is paid and who are taking 12 or more hours (undergraduate) or 8 or more hours (graduate) at AUM.

Normally up to \$100 can be approved in the case of unforeseen circumstances, such as an accident, for which prior planning would have been impossible. Students obtaining emergency loans will have up to 45 days to repay without interest. An interest rate of 1% per month will be charged on the unpaid balance of overdue loans.

## Educational Benefits for Veterans

Auburn University at Montgomery is fully approved by the Veterans Administration to give training. Veterans planning to attend school should make application directly to the coordinator of veterans affairs located in the AUM Admissions Office.

Veterans educational benefits will provide a monthly stipend, which varies according to the number of credit hours for a student registered each quarter and according to the number of dependents. At AUM a full-time undergraduate student is one who enrolls in 12 or more quarter hours; three-quarter benefits are available to the student taking 8 to 11 hours; and one-half benefits are available to the student enrolled in 6 or 7 hours.

Graduate students receive full benefits if enrolled for 8 or more hours each quarter, three-quarter benefits for 6 or 7 hours, and one-half benefits for 4 or 5 hours.

A veteran, service member, or eligible dependent who is entering training or who is re-entering after a minimum 30-day training break may request advance payment. Advance payment must be requested at least 35 days prior to final registration. Under advanced payment the VA sends the first check, covering the initial two months of the quarter, to the school. Subsequent payments are mailed directly to the veteran. When possible, those enrolling under VA laws should have sufficient funds to finance themselves for one quarter or at least until payments begin coming from the Veterans Administration (approximately six weeks).

Eligible veterans may also qualify for tutorial assistance and VA work study, which are additional VA educational benefits.

For complete information about these programs contact the coordinator of veterans affairs, Admissions Office, Auburn University at Montgomery, P.O. Box 244023, Montgomery, Alabama 36124-4023.

The following regulations will apply to all AUM students who receive veterans educational benefits:

### **I. Withdrawal**

Students receiving VA educational benefits may withdraw from a course without penalty if the withdrawal occurs before the deadline for late registration. After that date, withdrawals with "W" will be considered the same as audit, and VA benefits for that course will be terminated from the beginning of the quarter. Possible exceptions concerning the payment of benefits may be made where there are extenuating circumstances. Those receiving VA benefits should consult with the coordinator of veterans affairs before resigning or dropping courses.

### **II. Satisfactory Progress**

Students receiving VA educational benefits are expected to make satisfactory progress toward a degree. Normal standards of progress as stated in the AUM catalog are in effect for all students. In order to maintain satisfactory progress, the following should be carefully considered:

- A. Develop a close advising relationship with your department advisor.
- B. Take courses that are essential to your degree program. Veterans or eligible persons cannot receive VA benefits for courses that are not essential to their degree program or for repeating courses in which they already have credit ("D" grade or better).
- C. Students receiving VA benefits who make a failing grade do not have to reimburse the VA for the benefits. Accumulation of failing grades can become a barrier to the student's eligibility to receive benefits for the completion of the proposed program. Students not making satisfactory progress as stated above cannot continue to receive VA educational benefits until they have VA counseling (at VARO, Aronov Building) and have VA approval for their benefits to be restored.

### **III. Certification**

Those receiving VA educational benefits must have their attendance certified to the VARO for them to receive the appropriate remuneration. Those attending while on Active Duty and those attending less than one-half time (5 hours or less undergraduate, 3 or less graduate) must be certified each quarter. Those (other than Active Duty) attending one-half time or more may be certified for as many as four quarters (fall, winter, spring, summer) with all certification ending with termination of attendance or end of summer quarter. All VA enrollment certifications must be recertified at the beginning of each fall quarter. It is prudent for all who receive federal VA educational benefits to review their status each quarter with the AUM coordinator of veterans affairs (Admissions Office) to be sure their status is correct. It is the student's responsibility to renew and report his or her correct enrollment status as necessary. Changes in status (dropping or adding courses, dropping out of school, and renewing enrollment) must be reported to the AUM coordinator of veterans affairs.

When there are questions about these policies, please contact the director of admissions for further explanation.



# Admission

## Application

Application for admission to any undergraduate school or curriculum of the University must be made to the Admissions Office, Auburn University at Montgomery, P.O. Box 244023, Montgomery, Alabama 36124-4023. The necessary application forms and specific instructions may be obtained from the Admissions Office.

Students may apply for admission to any quarter of a given calendar year as early as October 1 of the preceding year. Credentials should be filed at the earliest possible time. In every case, complete admission credentials, including the physical report, must be filed at least three weeks prior to the opening of the quarter in which admission is desired.

A \$25 application processing fee must accompany all applications for admission. This fee is required for all undergraduate applications and is neither refundable nor applicable to registration or tuition fees. In submitting admission credentials, applicants must give complete and accurate information. False or misleading statements can result in denial of admission or in cancellation of the student's registration.

Applicants may be admitted in any quarter.

## Alabama and Non-Alabama Student Policy

For the purpose of assessing fees, applicants shall be classified as Alabama or non-Alabama students. Non-Alabama students are required to pay a non-resident tuition fee.

An Alabama student is a person who shall be a citizen of the United States, or a resident alien, and who shall have resided and had habitation, home, and permanent abode in the State of Alabama for at least 12 months immediately preceding current registration. In applying this regulation, "applicant" shall mean a person applying for admission to the institution if the applicant is married or 19 years of age, and financially independent. Otherwise, it shall mean his or her parents, parent, or legal guardian. If the parents are divorced, residence will be determined by the residency of the parent to whom the court has granted custody.

A person who establishes a guardianship for the purpose of avoiding non-Alabama fees will be subject to non-resident tuition.

No person who moves to Alabama for the primary purpose of attending college shall be considered to have demonstrated intent to establish domicile in the State of Alabama, and will generally not be considered eligible for classification as a resident student. Clear and convincing evidence to the contrary must be presented to overcome this presumption.

In determining Alabama student status for purposes of assessing fees, the burden of proof is on the applicant.

## Additional Persons Eligible for Resident Tuition

1. Military personnel on active duty stationed in Alabama and their spouses and dependent children (as defined by Internal Revenue codes), as well as military personnel whose "Home of Record" is Alabama, who have continuously filed Alabama income tax returns for the duration of their service, and their spouses and dependent children.
2. Non-resident undergraduate students who have been awarded full academic, athletic, or other similar performance tuition scholarships by Auburn University at Montgomery, and graduate students appointed on assistantships of at least one-fourth time.
3. Full-time employees of a State of Alabama agency or institution, their spouses and dependent children.



4. Spouse and dependent children of a non-resident, provided the non-resident has been employed in Alabama full-time for at least 12 consecutive months prior to registration, has filed an Alabama income tax return for the tax year prior to the year in which the student is admitted, and did not claim a credit on the Alabama return for income taxes paid to another state.
5. Non-resident students enrolled in programs included in the Southern Regional Education Board Academic Common Market, provided the student does not change to another program not included. In such cases of change, the student will be classified as a non-resident for tuition purposes.
6. Persons whose spouses by legal marriage are bona fide Alabama residents.
7. Spouses and dependent children of persons who establish domicile within the State of Alabama, provided that the person who establishes domicile is employed full-time in a permanent position in Alabama.
8. Non-resident persons enrolled in programs of Auburn University at Montgomery not funded by tax revenues of the State of Alabama.

### Initial Determination of Eligibility

In order to be initially classified as eligible for resident tuition, students must demonstrate that they or their parent, guardian, or spouse qualify for one of the eligibility categories prior to the first day of class. A signed statement is required, attesting that qualification for the eligibility category claimed has been met prior to registration.

### Change in Eligibility for Resident Tuition

Students determined to be eligible for resident tuition will maintain that eligibility upon re-enrollment within 12 months of their most recent enrollment unless there is evidence that the student subsequently has abandoned resident status (for example, registering to vote in another state). Students failing to re-enroll within 12 months must establish eligibility upon re-enrollment.

Students initially classified as ineligible for resident tuition will retain that classification for tuition purposes until they provide clear and convincing evidence that they have established permanent domicile in Alabama. The burden of proof of change in eligibility rests on those requesting change. Evidence relevant to an initial determination of eligibility is also relevant to establishing a change in eligibility.

Non-resident students who carry an academic load considered normal (10 or more hours per term) for students at Auburn University at Montgomery will be presumed to be in the State of Alabama primarily for the purpose of gaining an education and, thus, have not demonstrated the intent to establish a true domicile in Alabama. Clear and convincing proof may overcome this presumption, but again, the burden of proof rests on those requesting change in eligibility. Any change in resident tuition eligibility occurring during an academic term will not become effective until the registration for the succeeding term.

The following types of evidence may contain data to establish 12-month residency in the State of Alabama. In all cases the person must be at least 19 years of age or more or married, and financially independent. Otherwise, the person's residency will be based on that of the parent or guardian.

1. Ownership or rental of residential property in the State of Alabama and continuous occupation thereof on an extended term of not less than 12 consecutive months.
2. Full-time permanent employment in the State of Alabama.
3. Possession of State of Alabama licenses required to do business or practice a profession in Alabama.
4. Legal marriage to a bona fide Alabama resident.

5. Registration to vote in the State of Alabama.
6. Filing of Alabama resident income tax returns.
7. Holding of a current Alabama driver's license.
8. Registration of vehicle in Alabama, and payment of property taxes thereon.
9. Evidence of banking activity within the State of Alabama for 12 consecutive months prior to making application for residency change.

The director of admissions at Auburn University at Montgomery shall have the responsibility for determining whether a student shall be classified as an Alabama or non-Alabama student. The decision of the director of admissions shall be subject to review by the chancellor at Auburn University at Montgomery, or the designated representative of the chancellor, upon written request of the applicant.

## Admission of International Students

The University welcomes admission inquiries from international students. Because of limited facilities, however, only those students who are academically strong will be given serious consideration for admission.

International students are required to submit the following evidence and documentation for admission to AUM:

1. Undergraduate Application for Admission accompanied by a nonrefundable \$25 (U.S. dollars) application fee.
2. Evidence, in the form of a notarized or certified letter from a bank (or other financial institution), of sufficient financial resources to meet college expenses.
3. Satisfactory results on the Test of English as a Foreign Language (TOEFL). AUM's minimum acceptable TOEFL score is 500 for full admission
4. Academic Credentials:
  - a. Freshmen
    - (1) Satisfactory results on the Scholastic Aptitude Test (SAT) or American College Test (ACT):  
Minimum acceptable SAT score = 830  
Minimum acceptable ACT score = 19
    - (2) Document-by-document evaluation of academic credentials accomplished by a recognized, expert service in the field of foreign credential evaluations and international admissions (see below).

### b. Transfer Students

A course-by-course evaluation of academic credentials accomplished by a recognized, expert service in the field of foreign credentials and international admissions (see below).

Three of the available services are:

Lisano International, P. O. Box 407, Auburn, Alabama 36831-0407

Josef Silny & Associates, Inc., P. O. Box 24833, Coral Gables, Florida 33124

World Education Services, P. O. Box 745 Old Chelsea Station, New York, New York 10113-0745

If the students appear qualified and show promise of success, they will be sent a notice of acceptance and the student visa (I-20) and will be required to pay nonresident fees (see Fees and Charges section). Because of the extensive documentation and evidence required for international student admissions, it is highly recommended that the process be initiated at least six (6) months prior to the desired time of admission.

English courses taken at a college or university in a country where English is a second language will not be transferred for credit in English composition at AUM.

English proficiency is determined by satisfactory results on TOEFL. International students who do not have TOEFL scores available will be tested at AUM. AUM has the necessary courses to assist international students to achieve the level of language proficiency that they need in order to complete undergraduate academic courses. For all international students, TOEFL (or equivalent proficiency) scores will determine the level of English as a Foreign Language (EFL) in which the student is required to enroll. International students are required to successfully complete INE 110 and INE 111, with the following provisos:

1. International students with TOEFL (or equivalent) proficiency at or above 620 (as determined by an EFL instructor) may be exempt from EFL courses and may enroll directly in English composition ESL (designated sections are recommended) upon taking the English Department placement test.
2. International students with TOEFL (or equivalent) proficiency of 500 to 650 must enroll in INE 111, English as a Foreign Language 3.
3. International students with TOEFL (or equivalent) proficiency of 350 to 500 must enroll in INE 110, English as a Foreign Language 2.
4. International students with TOEFL (or equivalent) proficiency below 350 must enroll in INE 091, English as a Foreign Language 1.

Following successful completion of the courses in English as a Foreign Language, international students may enroll in sections of English composition designated as English as a Second Language (ESL). The courses on English as a Foreign Language may not be substituted for the English composition requirements that all students must satisfy.

For additional information, prospective students should contact the director of admissions, Auburn University at Montgomery, P.O. Box 244023, Montgomery, Alabama 36124-4023.

## Standard Admission

Commensurate with available faculty and facilities, favorable consideration for admission will be given to graduates of accredited secondary schools whose college ability test scores and high school grades indicate a potential for success in fields of study in which enrollment is sought.

All students planning to apply for admission should emphasize English, mathematics, social studies, sciences, and foreign languages in their high school programs.

Alabama residents are required to complete the American College Test (ACT). Either the ACT or the Scholastic Aptitude Test (SAT) of the College Entrance Examination Board will be accepted for applicants from states other than Alabama.

An incoming freshman with an ACT score of 25 or greater, or with an equivalently high SAT score, may be invited to participate in the AUM Honors Program. See AUM Honors Program for details.

Applicants who have not graduated from high school may be considered for freshman admission if they have passed the General Education Development Examination (GED) and have an ACT or SAT score that indicates potential for college success.

Applicants from nonaccredited high schools may be accepted if satisfactory scores on tests prescribed by the Committee on Admissions are attained.

## Admission of Special Students

Persons who cannot fulfill the requirements for standard admission, but who are otherwise adequately prepared for university courses, may be admitted as special students. Course credits earned by special students may be used as credit toward a degree at Auburn University at Montgomery, upon approval by the student's dean.

## Admission of Transfer Students

Students who have previous academic records at the college or university level may be admitted as transfer students.

For residents of Alabama or other states party to the Southern Regional Education Board, a satisfactory citizenship record, an overall average of "C" or better on all college work attempted, and eligibility to re-enter the last institution attended are required for transfer admission. Further, no credit earned at another institution by a student on suspension from any accredited institution will be eligible for transfer to AUM.

Graduation from a junior college does not necessarily assure an applicant of admission to Auburn University at Montgomery. Such applicants must also present an overall grade point average of "C" or better on all work attempted. The maximum credit allowed for work completed in a junior college is 100 quarter hours.

Each applicant must submit one official transcript from each institution attended. An official transcript is a copy of a student's academic record bearing the institution's official seal and forwarded from the appropriate records office directly to the AUM Admissions Office. A transfer applicant may be required to submit an official high school transcript of academic credit. The amount of transfer credit and advanced standing allowed will be determined by the appropriate department head and the registrar. Grades of "D" will be accepted as long as the overall cumulative grade point average remains above "C."

Students transferring from institutions not fully accredited by the appropriate regional agency may be granted provisional credit. When provisional credit is allowed, the final amount of credit will be determined after the student has completed one year of course work (credit hours and residence quarters) at AUM. If a "C" average is not achieved, the amount of credit will be reduced in proportion to the number of hours in which a "C" or higher grade is not earned.

## Admission of Transient Students

A student in good standing in an accredited college or university may be admitted to Auburn University at Montgomery as a transient student when available faculty and facilities permit.

To be eligible for consideration for admission, a transient applicant must submit a Transient Student Form properly completed and signed by the dean or registrar of the college or university in which the student is currently enrolled.

Permission to enroll in courses on a transient basis is granted for one quarter only, and a student who wishes to seek re-entry in the transient classification must submit another Transient Student Form. It must be understood that transient student permission does not constitute admission or formal matriculation as a regularly enrolled student (degree candidate); however, a transient student is subject to the same fees and regulations as a regular student except that academic continuation in residence requirements shall not apply.

It is the responsibility of the transient student to contact an advisor in the academic department offering the courses in which the student wishes to enroll to determine if course prerequisites are met.

If at any time a transient desires admission as a regular student at AUM, formal application as a transfer student must be made. One official transcript from each college or university attended is required.

## Admission of Unclassified Students

For residents of Alabama and other states party to the Southern Regional Education Board, admission to undergraduate programs as an unclassified student may be granted on the basis of a baccalaureate degree from an accredited senior college or university. Students desiring to enroll in this classification must submit the same admission credentials as transfer applicants.

## Admission of Auditors

When available faculty and facilities permit, a person may be allowed to audit a lecture course or the lecture part of a combined lecture and laboratory course with the approval of the Admissions Office and the dean. A formal application must be filed, but the \$25 application processing fee and the physical examination report are not required.

## Admission to Graduate Standing

A baccalaureate degree or its equivalent from an accredited college or university and satisfactory scores on an admission test required by the program to which the applicant is seeking admission are requisite for graduate admission. The undergraduate preparation of each applicant must also satisfy the requirements of a screening committee in the school or department to which the applicant seeks admission. A student in good standing in any recognized graduate school who wishes to enroll at AUM for the purpose of acquiring credit that will be transferred back to his or her home campus may be admitted as a "graduate transient." For further information or applications contact the director of admissions or the director of graduate studies, Auburn University at Montgomery, P.O. Box 244023, Montgomery, Alabama 36124-4023.

An AUM undergraduate who is within 10 quarter hours of graduation may register for graduate courses during his or her last quarter in school. If the student is accepted into one of the graduate programs upon graduation, such work taken as an undergraduate may be applied to the master's degree. This work must be accepted by the school in which the graduate program is offered. Graduate work taken by an undergraduate student is not to be applied to the baccalaureate degree.

# University Academic Regulations and Procedures

## General Information

### Equal Opportunity

Auburn University at Montgomery is an equal opportunity institution and, as such, provides equal opportunity for employment and advancement for all faculty and staff and accords equal treatment to students in all matters relating thereto, without regard to race, creed, color, religion, national origin, sex, age, disability, or disabled veteran/Vietnam era veteran status.

### Policy on Accommodation for Individuals with Disabilities

It is the policy of Auburn University at Montgomery to provide reasonable accommodation for environmental and program accessibility for persons with a disability as defined in Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990. Specifically, the Center for Special Services coordinates support services for students with disabilities. Specialized services provide students with disabilities complete access to all academic and campus programs. Eligibility for services requires documentation of the disability.

Anyone who desires information about accessibility or services should contact the Center for Special Services, ninth floor of the Library Tower, or call 244-3468 (voice or TDD).

Complaints regarding accessibility should be addressed to the Section 504 compliance officer at 244-3632. TDD users may call 244-3468.

## Medical Treatment for AUM Students

Medical treatment is provided as a service to AUM students through an agreement with Pri-Med, a local health care provider located on Vaughn Road. Under this agreement AUM pays for the initial treatment the student receives that is not covered by the student's insurance. This service does not pay for any additional treatment, including follow-up visits related to the initial visit, or for prescription medication.

Students must show a valid AUM student identification card at the time they are treated. Students may provide their own transportation to the health care provider or they may request assistance from AUM Campus Police at 244-3424 (voice or TDD). Students needing medical assistance after 9:00 P.M. should contact Campus Police.

Questions about medical treatment for students should be directed to the Office of Student Affairs, 244-3619. TDD users may call 244-3801.

If students are not covered under another insurance program, they are encouraged to participate in the low cost student health insurance program sponsored through the SGA. Information about this program is available in the Office of Student Affairs, 244-3619. TDD users may call 244-3801.

## Family Educational Rights and Privacy Act

Annually, Auburn University at Montgomery informs students of the Family Educational Rights and Privacy Act of 1974, as amended. This act, with which the institution intends to comply fully, was designated to protect the privacy of education records, to establish the right of students to inspect and review their education records, and to provide guidelines for the correction of inaccurate or misleading data through informal and formal hearings. Students also have the right to file complaints with the Family Educational Rights and Privacy Act concerning alleged failures by the institution to comply with the act.

Local policy explains in detail the procedures to be used by the institution for compliance with the provisions of the act. Copies of the policy can be found in the Office of the Registrar.

## Student Government Association

Every student enrolled at AUM is a member of the Student Government Association, which is the official organization for the student body. Through the SGA, students are involved in the decision-making process of the University. Students are appointed to major committees of the University by the SGA president with the approval of the chancellor.

In addition, the SGA provides a variety of services to students and promotes the academic and social life of AUM students. The SGA also cooperates with many community organizations by encouraging student involvement in many worthwhile activities.

Additional information about the SGA and other student organizations may be obtained by reading the *Aumanac*, the official student handbook, or by contacting the SGA office in 312 University Center.

## AUM Alumni Association

The AUM Alumni Association was established in 1980 to promote the goals and ideals of AUM, perpetuate the friendships formed while attending AUM, and foster causes of education and citizenship. The University has more than 20,000 alumni living in 138 countries.

All currently enrolled students, former students, and friends of the University may join the association. Membership dues support scholarships, stipends, and awards recognizing distinguished graduates, faculty, and community leaders. The Alumni Services office is located in the AUM Library Tower, Room 900.

## General Policies

Students must comply with regulations and follow procedures prescribed by the University. Regulations relating to registration, class attendance, grading system, examinations, degree requirements, honors, and other academic matters are presented in the following pages. It is the student's responsibility to comply with his or her specific program requirements.

The University reserves the right to change or modify the curriculum, admission standards, course content, degree requirements, regulations, tuition, or fees at any time without prior notice. The information in this catalog is not to be regarded as creating a binding contract between the student and the University.

## Catalog of Concern

A student will be bound by the program requirements published in the catalog in effect at the time of the student's first registration at the University and in consideration of the student's valid admission to a program unless:

1. The student has not attended AUM for a period of one consecutive calendar year, in which case the catalog in effect at the time of the student's return and registration will be the catalog of concern;
2. The University changes program requirements while the student is attending, in which case the student will be given the option of choosing which program requirements he or she desires to pursue (either those of the initial catalog of concern or those of the new program);
3. The student decides to change program and/or major, in which case the catalog in effect at the time of the change will be the catalog of concern.

## Administrative Holds

A student may be denied the opportunity to preregister, register, receive quarterly grade reports, use university facilities, or be issued a transcript, statement of credits, or diploma if the student is in default or is identified as being in default on any payment, has not submitted required documents, has not met Discipline Committee sanctions, or is otherwise in default by virtue of fees or property owed to the University or any of its schools or divisions. Administrative holds may be placed on a student by units such as Academic Affairs, Admissions, Bookstore, Cashier Office, Financial Aid, Housing, Library, Records, or Security.

## Discipline

Each student, by act of registration, obligates himself or herself to conform to all rules and regulations of the University.

Students are expected to conduct themselves as good citizens by obeying the laws of the United States, the state of Alabama, the city of Montgomery, and the University. Enrollment as a student in no way exempts any person from penalty in case of violation of local, state, or national laws.



## Academic Integrity

Students are expected to maintain academic integrity in all work pursued at Auburn University at Montgomery. Students should not condone violations of academic integrity and should act in a manner to prevent opportunities for violations.

### Violations of academic integrity defined:

1. Obtaining unauthorized help from another student during examinations or other graded or credit activities.
2. Knowingly giving unauthorized help to another student during examinations or other graded or credit activities.
3. The using of notes, books, or any other source of information or assistance during examinations or other graded or credit activities, unless authorized by the examiner or instructor.
4. Obtaining, without authorization, an examination or any part thereof.
5. Submitting for credit, without appropriate acknowledgment, a report, notebook, speech, outline, theme, thesis, dissertation, or other written, visual, or oral material that has been knowingly obtained or copied in whole or in part from another individual's academic composition, compilation, or other product, or commercially prepared paper (plagiarism).
6. Altering, or causing to be altered without authorization, the record of any grade in any grade book, office, or other record.
7. Taking an examination or doing academic work for another student, or providing one's own work for another student to copy and submit as his or her own.
8. Presenting false data or intentionally misrepresenting one's record for admission, registration, graduation, or withdrawal from the University or from a university course.

Any instances in violation of academic integrity shall be processed in accordance with the procedures outlined in the *Aumanac* (AUM student handbook) under the title Student Discipline Code.

## The University Liberal Education Program

The University's undergraduate instructional program requires that each student complete a component of general studies in addition to the requirements of his or her school or departmental major. This component includes a "foundation year" of course work in English composition, literature, world history, physical and biological sciences, fine arts, social sciences, and mathematics to be taken during the lower-division years, primarily at the freshman level.

The goals of this "experience in breadth" are that the student will acquire an ability to order and express thoughts in a clear and reasoned manner, will attain a grasp of the scientific method and discipline, will develop an understanding of our culture and its background, and will come to perceive the vital issues of our common life as citizens in a complex and changing world.

The minimum university requirements for all students are listed below; however, individual schools and departments may increase the number of hours in this component of their undergraduate programs. The student should consult the appropriate curriculum model for complete requirements.



Requirement	Hours	Options
English Composition (EH 101 and EH 102)	10	None
Literature <sup>1</sup>	10	See below.
Physical Science and Biological Science <sup>2</sup>	10	None
World History (HY 101 and HY 102)	10	None
Mathematics <sup>3</sup>	5	None
Fine Arts <sup>4</sup>	5	See below.
Social Sciences <sup>5</sup>	15	See below.
Computer Literacy <sup>6</sup>	2 minimum	None

<sup>1</sup>The courses that will meet this requirement are EH 253, EH 254, EH 257, EH 258, EH 260, and EH 261. PH 200, PH 201, or PH 310 may substitute for one of the literature courses.

<sup>2</sup>One course must be a laboratory course. One course must be in the physical sciences and one in the biological sciences.

<sup>3</sup>The mathematics course must be a primarily quantitative course for which MH 150 or MH 281 is a prerequisite. To meet the mathematics requirement, students must select from MH 151, MH 160, MH 161, MH 267, MH 292, MH 293, and QM 274.

<sup>4</sup>The course taken to meet this requirement must be in art, music, or theatre appreciation or history selected from the following: FA 261, FA 351, FA 352, FA 353, MU 201, MU 250, MU 251, MU 252, and TH 204.

<sup>5</sup>One of the social sciences courses must be PO 101 or PO 102. To meet the remaining 10-hour requirement, students must select two courses from the following: ANT 211, COM 101, COM 210, EC 200, EC 201, EC 202, GY 205, GY 215, HY 201, HY 202, PG 211, and SY 201.

<sup>6</sup>This course may be discipline based.

## English Requirement

Correct English usage is expected of all students in both their oral and written work. Instructors in all curricula are directed to insist on clear, effective, and grammatically accurate speaking and writing in all class work. No substitution for the freshman English requirement is permitted.

1. If the transfer student has fewer than 3 quarter hours of credit in freshman English composition, no credit is allowed. If 3, 4, or 5 quarter hours of credit in the first course of an English composition sequence have been earned, EH 102 must be completed.
2. If the transfer student has earned 8 or more quarter hours in two sequential freshman English composition courses, the English composition requirement for AUM will have been met.
3. No student earning a grade of "D" or "F" in a freshman composition course at AUM will be permitted to transfer credit from another school to offset that lower grade; the course must be repeated in residence at AUM.

## Testing for English Composition I

For placement in English Composition (EH 101), a student must take the AUM Placement Test and the diagnostic essay (given the first class meeting of EH 090 and EH 101) and meet departmental standards on these tests. Placement tests are given each quarter at New Student Orientation. Only under extraordinary circumstances are these tests given on an individual basis. The student should register for the appropriate course based on the Placement Test score, and the diagnostic essay will be used to verify correct placement. If the standards for placement into EH 101 are not met, the student will be withdrawn administratively from the course. If so withdrawn, the student may take EH 090, go to the Learning Center, or use English tutorial services. The English instructor will assist in transferring the student to an appropriate class, if the student prefers. Unless the student passes EH 090, both tests must be retaken; if EH 090 is passed, the student may enroll in EH 101 without repeating the English Placement Test.

## General Requirements

### Advising

It is the student's responsibility to meet with his or her academic advisor for guidance in selecting courses that comply with his or her specific program requirements. It is the student's responsibility to ensure that degree requirements are met.

### Attendance

Students are expected to attend punctually every lecture, laboratory exercise, and other classroom activity.

### Auditing Privilege

The privilege of auditing courses is restricted. Auditing of a lecture course or the lecture part of a combined lecture and laboratory course may be granted with the approval of the student's dean and the head of the department in which the course is offered. The auditing privilege is rarely permitted in laboratory or combined lecture and laboratory courses. It is not permitted in studio courses in the Department of Fine Arts.

Auditors must complete the regular registration process and are listed on class rolls, but they are not required to participate in classroom discussions, take tests or final examinations, or make reports. However, regular attendance at class meetings is required. The grade of AU (Audit) is awarded to those meeting these requirements. The grade of NR (No Grade Reported) is assigned for those not meeting the attendance requirement. Auditors who have not been admitted to the University must make application to the Admissions Office. Auditors who are not regularly enrolled students will register on the last day of the final registration period. A fee will be charged for auditing a lecture course. Regularly enrolled students carrying between 12 and 15 hours and members of the faculty and staff may audit lecture courses without payment of the auditing fee with approval of the head of the department in which the course is offered and the dean; however, the regular registration process must be completed.

### Back Work

All students who have completed a minimum of 96 hours, but who have not fulfilled all requirements in the University Liberal Education Program, must in all quarters of attendance schedule a minimum of one course designated in these requirements until they have completed all requirements. Deans must approve any requests for exceptions.

### Classification

Each undergraduate student will be classified according to the number of quarter credit hours earned at Auburn University at Montgomery and other institutions as follows: freshman, 45 or fewer; sophomore, 46 to 95; junior, 96 to 145; senior, 146 or more.

Any student who has been awarded one baccalaureate degree and pursues another course of study for a second baccalaureate degree will be classified as an undergraduate student.

Students who, for reasons acceptable to the dean, do not wish to pursue a regular course of study with respect to course load or curriculum will be admitted as unclassified students.

### Curriculum Transfer

A student who transfers from one curriculum, major, or degree program to another must meet the degree requirements specified in the catalog in effect at the time of the transfer.

## ID Card

Each student must have an AUM ID (identification) card made during the registration process.

## Prerequisites

Prerequisites or corequisite requirements of courses are listed with the course descriptions in this catalog. It is the responsibility of the student to know these requirements and to comply with them when registering. Any waiver of these requirements must be approved by the instructor of the course and/or the dean.

## Registration

Every student is required to be registered at AUM when taking course work, in the quarter of graduation, in any quarter in which the student is clearing an Incomplete grade, when working on a graduate thesis, when engaged in any other endeavor relating to normal progress as a student, or when use is made of the instructional staff and/or facilities of the University.

A student is considered registered when his or her class schedule is entered into the system. A student is liable for all tuition and fees at this point. If a student wishes to resign or withdraw from all or any of the courses, he or she must follow the procedures for resignation/withdrawal identified later in this catalog.

## Late Registration

After the date specified in the AUM calendar as the last day for final registration, a late registration fee will be charged. After classes have met for the second time, no student may register except by permission of the head of the department in which the desired course(s) is(are) offered. The course load of a student who registers late may be reduced at the discretion of the faculty advisor or dean. No student will be permitted to register after the day identified as the last day for refunds in the applicable quarter.

## Schedule Adjustment

Students will be charged a schedule adjustment fee as described in the catalog under Fees and Charges.

**Add:** A student may add a course prior to the second meeting of the class. Any additions to the student's schedule after the second class meeting must be approved by the head of the department in which the course is offered. No additions will be permitted after the day identified as the last day for refunds in the applicable quarter.

**Resignation:** Resignation occurs when a student decides to withdraw from all courses for which he or she is registered. If a student resigns prior to the day identified as the last day for refunds, the courses will be deleted from the record.

The deadline for withdrawing from a course is 5 P.M. on the Friday that is the mid-point of the quarter. This date is specified in the quarter calendar. In order to withdraw before the deadline, a student must complete the process in the school of his or her major/advisor. After the last day for refunds, a grade of "W" (Withdrawal) will be recorded on the student's official academic record.

When a student, as a result of exceptional or emergency circumstances, is forced to withdraw from a course after the withdrawal date for the quarter, the student may petition, in writing, the dean of the school in which the course is offered. A student may not withdraw from a course after the deadline if he or she is failing. The dean will contact the student's instructor to determine the student's scholastic standing at the time of the request to withdraw.

**Withdrawal:** Withdrawal occurs when a student withdraws from some but not all of the courses for which he or she is registered. The procedures and rules are the same as those identified in Resignation above.

## Student Load

A normal quarterly load is 15 to 20 hours. Upon approval of the dean, a student may schedule more than 20 hours.

## Examinations and Grades

### Examinations

Examinations are classified as final examinations, which occur at the end of each quarter, and special examinations. Grades in all subjects are reported to the student at the end of each quarter. A student absent from an examination for any reason other than personal illness must obtain the permission of the instructor in order to take the examination at a later time.

### Grading System

Final grades are assigned as follows: A, B, C, D, F, FA, S, U, CR, NC, P, I, IP, W, AU, and NR.

The following explanations and grade points apply:

- A = passing and 4 quality points per hour attempted
- B = passing and 3 quality points per hour attempted
- C = passing and 2 quality points per hour attempted
- D = passing and 1 quality point per hour attempted
- F = failure and 0 quality points per hour attempted
- FA = failure due to absence and 0 quality points per hour attempted
- S = passing and 0 quality points, but the hours attempted are not included in grade point average determinations
- U = failure and 0 quality points, but the hours attempted are not included in grade point average determinations
- CR = passing for developmental/remedial course work and 0 quality points, but the hours attempted are not included in grade point determinations
- NC = failure for developmental/remedial course work and 0 quality points, but the hours attempted are not included in grade point determinations
- P = passing for nontraditional course work and 0 quality points, but the hours attempted are not included in grade point determinations
- I = incomplete and 0 quality points per hour attempted until resolution and a final grade is assigned. A one-year statute of limitations exists for grade changes.
- IP = in progress and 0 quality points, but the hours attempted are not included in grade point determinations. This grade is used only for AUM courses currently in progress, courses for which the student has preregistered, and for students who have cross-enrolled at another institution but the final grades have not yet been received.
- W = withdrawal and 0 quality points, but the hours attempted are not included in grade point average determinations
- AU = audit with 0 quality points and 0 hours attempted
- NR = no grade reported (administrative procedure) and also used for audit students not meeting the attendance requirement

The grade of Incomplete is not a right exercised by the student. A grade of Incomplete can be assigned only at the discretion of the instructor and may occur when the quality of work has been of passing grade, but the student has been prevented by illness or other justifiable cause from completing the work required prior to or including the final examination. Grades of Incomplete not cleared within one calendar year shall be

changed to “F” by the registrar unless an extension is approved by the instructor and the dean and the registrar is so notified.

A student must be registered at the University during the quarter in which an Incomplete grade is being resolved. The student should not register for that course again on a credit basis (but can register for it on an audit basis). If the student is not registered for any other courses during the quarter of resolution of the Incomplete, the student should register for REGX 111, “For Registration Only.”

Students will not be permitted to graduate with Incomplete grades. These will be changed to “F” (Failure).

A grade of Failure Due to Absence (“FA”) will be assigned if a student has excessive absences or is absent from a special or final examination.

Effective summer quarter, 1988, there is a time limit of one calendar year from the last day of the quarter in which a grade was assigned for any changes in course grades. Grades assigned prior to the awarding of a degree cannot be changed after the degree has been awarded.

## Grade Point Average

AUM operates on a 4-point system, where the number of grade points is divided by the number of hours attempted (less hours in which a grade of “S,” “U,” “CR,” “NC,” “P,” or “IP” is achieved).

## Dean’s List

A full-time undergraduate student (minimum of 12 quarter hours not including developmental/remedial course work) passing all credit work carried during a quarter and attaining a scholastic record of 3.5 for the quarter may be designated an honor student for that quarter. Undergraduate students who are named to the Dean’s List may be invited to participate in the AUM Honors Program. See AUM Honors Program for details. These academic honors will be made a part of the student’s permanent record.

## Academic Eligibility

AUM may place a student on probation or suspension at any time if he or she neglects academic work or makes unsatisfactory progress toward graduation.

## Academic Probation

A student will be placed on academic probation whenever his or her cumulative grade point average at AUM is less than the grade point average identified below for the applicable level of cumulative graded hours:

Cumulative Graded Hours <sup>1</sup>	AUM GPA <sup>2</sup>
0 - 45	GPA is less than 1.43
46 - 95	GPA is less than 1.73
96 - 145	GPA is less than 1.81
More than 145	GPA is less than 1.87

<sup>1</sup>Cumulative graded hours include hours attempted at AUM and attempted hours transferred from any other institution(s).

<sup>2</sup>Only the institution GPA earned at AUM is used to determine the probation and suspension status (regardless of what the overall GPA may be for transfer students).

No entering freshman or transfer student will be placed on probation at the conclusion of his or her first quarter’s work.

Clearing Probation

A student may clear a probation by elevating the cumulative grade point average at AUM to equal to or greater than those identified above for the applicable class level. Credits and grades earned at another institution may not be used to clear probation.

Academic Suspension

A student will be placed on academic suspension whenever his or her cumulative grade point average at AUM is less than the grade point average identified below for the applicable level of cumulative graded hours:

Cumulative Graded Hours <sup>1</sup>	AUM GPA <sup>2</sup>
0 - 45	GPA is less than 1.00
46 - 95	GPA is less than 1.52
96 - 145	GPA is less than 1.61
More than 145	GPA is less than 1.76

<sup>1</sup>Cumulative graded hours include hours attempted at AUM and attempted hours transferred from any other institution(s).

<sup>2</sup>Only the institution GPA earned at AUM is used to determine the probation and suspension status (regardless of what the overall GPA may be for transfer students).

A student will be suspended only if he or she was placed on academic probation the immediately previously enrolled term. A student will not be placed on academic suspension at the end of a quarter in which a 2.00 (“C”) average was earned, but will be continued on academic probation.

Academic suspension will be for a period of two quarters, summer quarter being counted as any other quarter. A student will be readmitted (by AUM’s Office of Admissions) on academic probation following the expiration of the academic suspension.

No credit earned at another institution by a student on suspension from AUM will be used in clearing a suspension or in meeting requirements for an AUM degree.

Indefinite Suspension

A student who returns to AUM on academic probation after an academic suspension will be placed on indefinite suspension whenever his or her cumulative grade point average at AUM is less than the grade point average identified above (under the heading Academic Suspension) for the applicable class level. A student will not be placed on indefinite suspension at the end of a quarter in which a 2.00 (“C”) average is earned, but will be continued on academic probation. Indefinite suspension will be for a period of at least four quarters, and the student can be readmitted only with special approval of the Admissions Committee and on the basis of adequate evidence of the student’s ability, maturity, and motivation.

No credit earned at another institution by a student on indefinite suspension from AUM will be used in clearing a suspension or in meeting requirements for an AUM degree.

**NOTE:** If a final academic or indefinite suspension decision cannot be made because of deferred grades or the resolution of Incomplete or In Progress grades, the student will be suspended but permitted to register for the next quarter on a conditional basis. All deferred grades and resolutions of Incomplete and In Progress grades that may affect the suspension consideration must be resolved within two weeks of the beginning of the quarter for which the conditional approval to register was granted. If the deferred grades and/or resolutions of Incomplete and In Progress grades are not recorded in the AUM Records Office within the first two weeks or the grades are not of sufficient quality to override the suspension criteria, the student will be suspended and disenrolled from the University.

## Residence Requirement

A minimum of 50 hours must be earned in residence at AUM in order to receive the baccalaureate degree. Generally, these hours must be taken in the student's final year unless the dean approves credits (up to a maximum of 20 hours) earned elsewhere during the final year. In any case, the residence requirement of 50 hours at AUM must be met.

## Applying for Graduation

AUM students who are nearing completion of degree requirements should apply for graduation two quarters prior to graduation. This procedure will allow students and advisors adequate time to ensure that degree program and course requirements are met.

Application may be made in the Records Office. Current Records Office hours are 8:00 A.M. through 6:00 P.M., Monday and Tuesday, and 8:00 A.M. through 5:00 P.M., Wednesday, Thursday, and Friday. The \$35 graduation fee will be billed to the student's account. University regulations require that all degree candidates be enrolled during the quarter of graduation. If a student fails to graduate in the quarter for which application is made, the applicant must reapply at the Records Office to graduate in a subsequent quarter. (The graduation fee will not be assessed for reapplications.)

Deadlines for application are reflected in the calendar of events for each quarter as contained in this catalog. The registrar will provide supplementary information to the applicant during the application process.

## Degree Requirements

To qualify for graduation, a student must:

1. Complete the courses and hours specifically required and accepted for the curriculum with a grade point average of 2.0 ("C"). Students who transfer from another institution must earn grade points equal in number to the additional hours required at AUM for completion of the curriculum—a GPA of 2.0 ("C") as well as an overall GPA of 2.0 ("C"), which includes transfer work and AUM work.
2. Complete the English composition requirements with a minimum grade of "C" in each course. See the section on English requirements in this catalog for the limitation on acceptable transfer credit.
3. Complete the courses identified as part of the University Liberal Education Program with a GPA of at least 2.0 ("C").
4. Complete all courses identified in the major field of study with a GPA of at least 2.0 ("C").
5. Complete a minimum of 200 quarter hours of passing credit within the framework of the identified field of study. Credit earned in developmental courses (EH 090, EDN 090, MH 090, RED 090) will be in addition to minimum degree requirements.
6. Be free of probation or suspension status at the end of the desired quarter of graduation. Even though the GPA in specifically required and accepted courses for the curriculum may be 2.0 ("C"), the overall record of courses attempted may place the student in jeopardy.

**NOTE:** The requirements stated above are general university graduation requirements. Individual schools and departments may impose more stringent requirements. Schools and departments may not impose less stringent requirements. Students should contact individual schools and departments to determine the exact graduation requirements for their desired major.



Not more than 10 quarter hours of the final year's work may be obtained through extension or correspondence courses, or both, unless the student has completed a full course load in residence previously for one full session of 36 weeks, in which case credit will be allowed for a total of 18 quarter hours in either extension or correspondence, or a combination of the two. All credit hours earned by correspondence or extension will be counted as any other credit hours earned toward meeting the graduation requirements, but will not be in the calculation for continuance in residence.

## Second Degree

A minimum of 50 quarter hours earned in residence at AUM subsequent to the awarding of the first degree and a 2.0 grade point average for those hours are required for a second baccalaureate degree. Additionally, the student must satisfy all university, school, departmental and major course requirements for the second degree.

## Double Major

Second majors are authorized in the academic schools upon approval of the dean when the following conditions have been met: All requirements for both majors and for the schools in which those majors are based are satisfied.

When the provisions of the above are satisfied, both majors may be listed on the student's transcript and on the diploma. This should not be construed as necessarily meeting the requirements of a second degree.

The student may choose the school from which a degree may be awarded.

## Graduation Honors

Students with a minimum overall grade point average of 3.4 are graduated Cum Laude; 3.6, Magna Cum Laude; and 3.8, Summa Cum Laude. This distinction of high academic achievement is placed on the student's diploma and on his or her permanent record.

The grade point average for graduation honors must also be achieved on Auburn University at Montgomery course work. Grades of "S" or "U" and noncredit courses are not used in the calculations. A student who graduates with a second degree will have all undergraduate work, wherever taken, considered in the determination of eligibility for honors. In all cases, at least 87 hours of course work at AUM are required for graduation honors.

## Transferring Within the University System

Auburn University is composed of two campuses—Auburn and Montgomery. A student enrolled in an undergraduate division at either campus who wishes to transfer to the undergraduate division at the other will be considered as a transfer student from any other accredited institution. Due to the difference in some curricula and courses, the amount of transfer credit and advanced standing will be determined by the appropriate academic unit and the registrar at the campus to which the student transfers.

## Credit by Examination

### CLEP

Students enrolled at Auburn University at Montgomery may earn college credit with acceptable scores on the subject examinations of the College Level Examination Program (CLEP). The test scores are equated with specific courses in the current AUM catalog, and a student may receive credit in areas in which academic credit has not been earned. A student may not attempt credit by examination for a course in which a failing grade has been received or in an area in which the student has received college credit for a more advanced course.



Students transferring to AUM who have received college credit through the CLEP at other institutions may transfer such credit to AUM if scores on the CLEP meet the AUM requirements for awarding of such credit. CLEP test scores must be submitted before a determination of allowable credit can be made.

All requests for credit by examination are submitted to the Registrar's Office. Test results are evaluated by the Registrar's Office and are recorded on a student's transcript if credit is earned. Quarter hours of credit toward graduation are earned on the basis of these tests but no grades or quality points are given; therefore, these credits will not affect a student's grade point average.

Students may retest after six months on any exam that they may have previously failed to achieve a satisfactory score.

## Proficiency Examinations

Credit by examination may be earned for selected courses in AUM curricula through departmental proficiency examinations. The minimum passing level for all such examinations is the mid-"C" range. Students wishing to apply for proficiency examinations should secure the approval of an advisor, the department head and the dean of the school in which the student is majoring, and the head of the department in which the course is offered. All requests for and administration of proficiency examinations should be within the time frame of the academic quarter.

A student may receive no more than 90 quarter hours credit on the basis of nonclassroom experience.

## Military Service Credits

### Credit for Military Schools

It is the policy of Auburn University at Montgomery to follow the recommendations of the American Council on Education on credit given for the successful completion of service schools, including AWC and ACSC. The applicability of such credit to a specific program will be determined by the dean of the school concerned.

### Credit for USAFI/DANTES Level Tests and Subject Standardized Tests

Undergraduate credit may be allowed for college level courses completed by correspondence or for subject examinations administered by the Armed Forces Institute or institution approved by the Armed Forces Institute and other accredited institutions as approved by the dean concerned.

### Credit Recommended by the American Council on Education

The ACE presently evaluates both military schools and civilian training programs for academic credit. Since this evaluation is handled by faculty members of accredited institutions of higher learning, Auburn University at Montgomery will accept the ACE recommendations for credit earned in nonacademic programs. The applicability of such credit to a specific program will be determined by the dean of the school and faculty advisor.

## Servicemember's Opportunity College (SOC)

The Servicemember's Opportunity College is a network of colleges and universities providing educational opportunities to the servicemember or civilian whose course work is interrupted by military or civilian obligations which necessitate relocation.

The SOC program provides the opportunity for a student who has met AUM residency requirements (50 hours) and who has secured approval of the advisor and dean to

take the remaining course work of the degree program at another accredited college or university. The degree will be awarded by AUM upon completion of all degree requirements.

The dean must certify a student for participation in the SOC program and approve, in advance, all course work that will be acceptable as transfer credit.

## AUM-Huntingdon/Faulkner Cross Enrollment

In keeping with the desire to provide a complete and flexible educational opportunity for students in the Montgomery area, AUM has agreed to a cross enrollment arrangement with Huntingdon College and with Faulkner University. Under this agreement it is possible for a student enrolled at AUM to have access to courses offered either at Huntingdon or Faulkner. The specific details of this agreement are as follows:

1. Students officially registered and enrolled on a full-time basis in either institution will be allowed to cross enroll in the other institution for a maximum of one regular course, or the equivalent, during a given term. A course shall be limited to a 3-hour semester course or a 5-hour quarter course.
2. All academic courses of either institution are subject to cross enrollment.
3. Tuition and registration fees will be waived by the host institution, but the cross-enrolled student will be obligated to pay the host institution all laboratory fees and other special charges normally made for certain courses.
4. Cross enrollment must occur during coinciding terms. If the student's enrollment status at the home institution changes during the term, he or she may remain enrolled at the host institution by paying all normal tuition and fees retroactive to the beginning of the term.
5. Students will be cross enrolled only upon approval of their dean and upon presentation of cross enrollment permission forms to the registrar at the host institution.
6. Cross enrolled students are subject to all other rules and regulations of the host institution.
7. At the request of the student, the registrar of the host institution will forward all grades of cross enrolled students to the registrar of the home institution at the end of each term.

## Study Abroad

Auburn University at Montgomery offers courses in a variety of academic disciplines in resident study abroad programs. AUM's policy is to attempt to offer study abroad courses that are of excellent academic quality in programs which are affordable. For a current listing of AUM study abroad courses, and for information on approved study abroad programs offered by other universities, students should contact the International Studies office (Room 323 Business; telephone 244-3391).

AUM and London Guildhall University, located in the heart of the old City of London, have an agreement that allows for an exchange of two students during the fall terms. **Students pay tuition and fees at their home university and attend classes at the host university.**

AUM students studying at London Guildhall must enroll in at least one course in the geography program; this can be a geography, demographics, criminology, or European studies course. **Students from any major may qualify;** permission of their department head and dean is required.

AUM students are required to pay tuition at AUM at the time of registration in the program. Students are also responsible for travel expenses, London accommodations, and living expenses in London. AUM can offer advice and guidance on securing appropriate and low-cost travel and living arrangements.

Students must consult with their academic advisors before enrolling in a study abroad course.



# School of Business

*Dr. Keith W. Lantz, Dean*

Accounting

Business Economics

Finance

General Business

Human Resource  
Management

Information Systems

International Business  
Studies

Management

Marketing

# School of Business

To meet the objectives of Auburn University at Montgomery, the School of Business conducts various distinct but interrelated programs of instruction, research, and service to industry, the community, and the government. Specifically stated, the purposes of the School of Business are:

1. To provide, through a comprehensive academic program, broad educational experience sufficient to prepare the student for imaginative and responsive leadership roles in business and society.
2. To conduct programs of service and assistance to industry and governmental agencies through consultative services, short courses, seminars, and similar noncredit activities.
3. As appropriate, to engage in research by encouraging and supporting faculty research and supervising contract research programs.

## AACSB Accreditation

The degree programs, both undergraduate and graduate, offered by the School of Business have achieved business accreditation by the American Assembly of Collegiate Schools of Business (AACSB), the nation's oldest and most prestigious business school accrediting body.

## Undergraduate Programs

The School of Business curricula are designed to provide the student with the foundation of a broad liberal education before beginning a more intensive study of specific areas of business. The student may elect to pursue a program of general business or one that specializes in the areas of Accounting, Economics, Finance, Information Systems, Management, Marketing, or Human Resource Management. The respective programs are composed of the following: Lower Division Business Core, Upper Division Business Core, and courses which comprise an area of specialization.

### **I. The Lower Division Business Core of courses is comprised of:**

- A. General studies courses which will partially fulfill the AUM Liberal Education core requirements. These courses include:

EH 101 English Composition I .....	5
EH 102 English Composition II .....	5
Literature <sup>1</sup> .....	5
Philosophy <sup>2</sup> .....	5
Physical Science <sup>3</sup> .....	5
Biological Science <sup>3</sup> .....	5
MH 150 College Algebra <sup>4</sup> .....	5
Fine Arts <sup>5</sup> .....	5
Political Science <sup>6</sup> .....	5
HY 101 World History I .....	5
HY 102 World History II .....	5
COM 101 Introduction to Human Communication .....	5

<sup>1</sup>The courses that will meet this requirement are EH 253, EH 254, EH 257, EH 258, EH 260, EH 261.

<sup>2</sup>The courses that will meet this requirement are PH 200, PH 201 or PH 310.

<sup>3</sup>One course must be a laboratory course. One course must be in the physical sciences and one in the biological sciences.

<sup>4</sup>A student who places above MH 150 on the basis of the AUM mathematics placement test will receive credit for MH 150 and may enroll in QM 274. Students may also take higher level math courses.

<sup>5</sup>The courses that will meet this requiriement are FA 261, FA 351, FA 352, FA 353, MU 201, MU 250, MU 251, MU 252, or TH 204.

<sup>6</sup>The courses that will meet this requirement are PO 101 or PO 102.

**AND**

B. 100 - 200 level courses in business and economics. These courses include:

AC 100 Cornerstone of Business .....	5
AC 201 Introductory Accounting .....	5
AC 203 Accounting for Management Decisions .....	5
EC 201 Economics I (Microeconomics) .....	5
EC 202 Economics II (Macroeconomics) .....	5
IS 207 Introduction to Management Information Systems .....	5
MN 241 Legal Environment of Business .....	5
QM 274 Business Statistics I .....	5
QM 275 Business Statistics II .....	5

After completion of these requirements, the student is admitted to the upper division. Completion of the Lower Division Business Core will meet the requirements of the University Liberal Education core.

**II. The Upper Division Business Core is comprised of the following courses:**

A. Main courses

FI 361 Financial Management I .....	5
MN 310 Management of Organizations .....	5
MT 331 Principles of Marketing .....	5
EC 305 Issues in Global Trade and Finance .....	5
MN 346 Organization Behavior .....	5
QM 400 Operations Management .....	5
MN 480 Strategic Management .....	5

**AND**

B. EH 306 Business and Professional Writing .....

Approved Elective <sup>1</sup> .....	5
Approved Elective <sup>1</sup> .....	5
Approved Elective <sup>1</sup> .....	5

<sup>1</sup>Approved electives must be courses outside of business and economics. For a listing of approved electives, contact the School of Business Office of Student Development. For the International Business Studies Option in Business Economics, students should select 15 hours in a foreign language.

**III. The majors consist of 40 quarter hours or more in some area of specialization. These specializations include:**

Accounting	General Business
Business Economics	Human Resource Management
Option in International Business	Information Systems
Studies	Management
Finance	Marketing

The specific requirements for each of the specializations are listed below.

## Rules and General Requirements

1. Courses considered developmental in nature may not be used to fulfill the graduation requirements.
2. Courses required in the major area must be taken in residence at AUM. With permission, two courses in a student's major area of specialization may be completed at another AACSB accredited school.
3. Nonbusiness students may take up to 50 quarter hours of business courses for graduation purposes in their nonbusiness major.
4. Grades below "C" in Upper division major subjects are not acceptable as pre-requisites for other course work or for graduation. Upper division major courses are those which constitute the specific requirements for the major.
5. Students are required to complete lower division requirements prior to attempting upper division courses. In the quarter of transition from lower division to upper division, students may enroll in the following designated upper division courses: FI 361, MN 310 or MT 331 if the required prerequisite courses are completed.
6. It is the student's responsibility to ensure that all course prerequisites are met.
7. Students must comply with all other rules and general requirements found elsewhere in this catalog.

## School of Business Office of Student Development

The School of Business Office of Student Development, located in Room 326 of the Business Building, is the school's centralized student advising, records, and information center. Schedule advising, registration, and schedule adjustment are just some of the services offered to business majors. Transcript evaluation for transfer students and for current AUM students switching their major to business is also performed in this office.

All questions concerning School of Business programs should be directed to this office by calling (334) 244-3564 or via email at [info@monk.aum.edu](mailto:info@monk.aum.edu).

## AUM-ASU Cross-Enrollment Program in Business

In order to share faculty resources and enhance cross-cultural diversity, Auburn University at Montgomery and Alabama State University have entered into a cross-enrollment program in the areas of business and education. The effective date of the program is fall quarter 1993.

In business, the cross-enrollment program between AUM and ASU stipulates that Finance majors in the School of Business who are required to complete FI 464 (Investment Analysis and Portfolio Management) and/or EC 360 (Money and Banking) will take these courses on the ASU campus. Similarly, ASU students will take FI 321 (Insurance) and FI 323 (Principles of Real Estate) on the AUM campus.

AUM School of Business Finance majors who wish to transfer course work from another institution to fulfill the requirements of FI 464 and/or EC 360 for their major are still required to take another course or courses at ASU as part of their degree requirements.

In addition, both AUM and ASU students may take additional courses (up to 45 quarter hours or 30 semester hours) at the other institution. Courses completed through the cross-enrollment program are treated as home institution courses rather than transient courses. AUM students still register for courses at AUM and pay AUM fees.

For more information about the requirements of the cross-enrollment agreement, course schedules, and other information, please contact the School of Business Office of Student Development.



# Department of Accounting and Finance

## Accounting Major (AC)

The program in Accounting provides the student with broad training in the field of business and financial management. It requires a minimum of eight (8) accounting courses beyond Introduction to Accounting and Accounting for Management Decisions. Students preparing themselves for a specific career in accounting, such as CPA, may need to take additional courses beyond those prescribed. See the head of the Accounting and Finance Department for additional information.

Business students seeking the Accounting specialization must complete the following courses:

AC 301 Intermediate Accounting I.....	5
AC 302 Intermediate Accounting II .....	5
AC 320 Accounting Systems and Internal Control .....	5
AC 303 Intermediate Accounting III ....	5
AC 304 Income Tax Accounting .....	5
AC 401 Cost Accounting .....	5
AC 406 Auditing .....	5
AC 409 Governmental and Nonprofit Accounting .....	5
<b>Total Hours</b>	<b><u>40</u></b>

## Preparing for the Alabama CPA Examination

Current Alabama law requires a minimum of 225 quarter hours of academic preparation before applicants may sit for the CPA exam. Therefore, such students must complete additional courses. The Department of Accounting and Finance recommends two options: additional undergraduate courses or the M.B.A. Accounting Option. Students should visit their accounting advisor before selecting an option.

## Finance Major (FI)

The program in Finance provides a foundation in financial institutions, financial planning, and financial management. Students may then elect to specialize in applied areas of finance including Financial Institutions, Insurance and Risk Management, and Real Estate, OR select advanced finance or economic theory courses in preparation for graduate study in finance.

### Required Courses

FI 337 Personal Financial Planning .....	5
FI 362 Financial Management II .....	5
FI 365 Financial Institutions and Markets.....	5
FI 460 Financial Asset and Liability Management .....	5
Finance Electives .....	20
<b>Total Hours</b>	<b>40</b>

### Electives

FI 321 Personal Risk Management and Insurance .....	5
FI 323 Principles of Real Estate .....	5
FI 421 Commercial Risk Management and Insurance .....	5
FI 425 Real Estate Financing .....	5
FI 426 Real Estate Appraisal .....	5
FI 462 Monetary Theory and Policy ....	5
FI 464 Investment Analysis and Portfolio Management <sup>1</sup> .....	5
FI 465 Public Finance .....	5
FI 475 International Finance .....	5
FI 490 Special Problems .....	5
AC 301 Intermediate Accounting I.....	5
AC 302 Intermediate Accounting II .....	5
AC 304 Income Tax Accounting .....	5
AC 404 Advanced Income Tax Accounting .....	5
EC 360 Money and Banking <sup>1</sup> .....	5
EC 410 Intermediate Macroeconomics	5
EC 411 Intermediate Microeconomics .	5
EC 427 Managerial Economics .....	5
EC 460 Law and Economics .....	5

<sup>1</sup>Required under the ASU/AUM Cross-Enrollment Program and taught at ASU.

Department of Economics  
Business Economics Major (EC)

This curriculum provides students with a solid foundation in economic analysis and prepares students for careers in business, finance institutions, and the public sector. In addition, the curriculum prepares students for graduate or professional schools in business (the M.B.A.), law, economics, international studies, and other related fields of study. The student in the Economics program is offered two options of study with related but unique curriculums. These are the Business Economics Option and the International Business Studies Option.

**Business Economics Option:** This program of study includes seven separate tracks. These include Banking and Financial Markets, Public Administration, Business Management, Pre-law, International Economics, Professional, and Macroeconomics. Each track includes recommended courses in economics, business, or other courses outside the School of Business. The purpose of these tracks is to broaden the academic preparation of students and to encourage students to make preliminary career choices.

**Option in International Business Studies:** The program consists of courses offered by the Economics Department, other departments in the School of Business, and the International Studies Department. The program combines training in economics, management, and other business skills with language skills and an appreciation for cultural differences that affect business relations in the global marketplace.

The Major: Option in Business  
Economics

EC 410 Intermediate Macroeconomics .....	5
EC 411 Intermediate Microeconomics .....	5
Economics Elective <sup>1</sup> .....	5
Economics Elective <sup>1</sup> .....	5
Economics Elective <sup>1</sup> .....	5
Business Elective/ Approve Elective <sup>2</sup> .....	5
Business Elective/ Approved Elective <sup>2</sup> .....	5
Business Elective/ Approved Elective <sup>2</sup> .....	5
<b>Total Hours</b>	<b>40</b>

The Major: Option in  
International Business Studies

IN 301 Introduction to International Studies .....	5
International Studies Elective .....	5
EC 410 Intermediate Macroeconomics .....	5
MN 475 International Business Management .....	5
MT 465 International Marketing .....	5
Economics/Business Elective <sup>3</sup> .....	5
Economic/Business Elective <sup>3</sup> .....	5
Economic/Business Elective <sup>3</sup> .....	5
<b>Total Hours</b>	<b>40</b>
Foreign Languages <sup>4</sup> .....	15

<sup>1</sup>These electives are determined by selecting a Business Economics track. The Economics faculty will advise students as to the appropriate combination of courses.

<sup>2</sup>These courses should be approved electives.

<sup>3</sup>These electives include EC352, EC390, EC470, FI475, MN476.

<sup>4</sup>The foreign language requirement satisfies the approved electives requirement of the Upper Division Business Core.

## General Business Major (GB)

The **General Business Option** is designed for those students who desire a more general background in the different functional areas of business or a custom designed specialization. The General Business Option is composed of courses selected from different areas of business. The **Individualized Option** consists of a set of courses chosen by the student that provide a unique combination of the different areas of the School of Business. The Individualized Option must be approved by the School of Business Curriculum Committee.

The **General Business Option** consists of four required courses and four approved business electives. The four required courses consist of one course from four of the different areas of business. The four courses are selected from the following:

Business courses from four different areas below .....	20
Approved Business electives .....	20
<b>Total Hours</b>	<b>40</b>

Department	Courses	Hours
Accounting	AC 301 Intermediate Accounting I .....	5
	AC 304 Income Tax Accounting .....	5
	AC 320 Accounting Systems and Internal Control .....	5
Decision Science	QM 475 Quantitative Methods of Management .....	5
	QM 476 Forecasting .....	5
Economics	EC 360 Money and Banking .....	5
	EC 410 Intermediate Macroeconomics .....	5
	EC 411 Intermediate Microeconomics .....	5
Finance	FI 337 Personal Financial Planning .....	5
	FI 362 Financial Management II .....	5
	FI 365 Financial Institutions and Markets .....	5
Human Resource Management		
	HRM 315 Human Resource Management .....	5
Information Systems	IS 310 Information Technology Applications .....	5
Management	MN 342 Legal Aspects of Business Management .....	5
	MN 410 Business Ethics .....	5
	MN 450 Leadership for a Changing World .....	5
Marketing	MT 436 Marketing Research Methods .....	5
	MT 441 Consumer Behavior .....	5
	MT 478 Marketing Strategy .....	5

The remaining courses are approved business electives. The General Business student is encouraged to take one course from each of the different functional areas of business.

The **Individualized Option** provides student the flexibility to design a program suited to their individual needs. A student interested in this option will work with a faculty member to develop a theme and select at least four courses which support this theme. The remaining courses may be any approved business electives. Students interested in this option should see an advisor in the Office of Student Development for a referral to an appropriate faculty member. The faculty member will help the student develop a proposal for review by the School of Business Curriculum Committee. An approval of the proposal will constitute an agreement between the student and the School of Business.

Approved Individualized Option	
courses .....	20
Approved Business electives .....	20
<b>Total Hours</b>	<b>40</b>

Department of Information Systems  
Information Systems Major (IS)

The program of study in Information Systems is designed to provide the student with the background to perform the functions necessary in business information processing and management. In addition, the student can acquire sufficient managerial knowledge so that he or she will be able to assume supervisory responsibilities in an information systems environment.

Students in this curriculum should follow the common curriculum for lower division and upper division in the School of Business (except for IS 231 and IS 232<sup>1</sup>).

Required Courses

IS 231 COBOL I .....	5
IS 232 COBOL II .....	5
IS 350 Survey of Computer	
Languages .....	5
IS 356 Database Systems .....	5
IS 370 Data Communications .....	5
IS 460 Systems Analysis .....	5
IS 470 Systems Design and	
Implementation .....	5
IS 480 Management Information	
Systems .....	5
IS Elective .....	5
<b>Total Hours</b>	<b>45</b>

Electives

IS 355 Data Structures .....	5
IS 362 Advanced Programming	
Concepts .....	5
IS 465 Computer Simulation for	
Business Decisions .....	5

<sup>1</sup> Information Systems majors fulfill the literature and political science lower division requirements during their junior and senior years. In its place for the lower division core they are to take IS 231 and IS 232.

Department of Management  
Management Major (MN)

The Management Program is designed to prepare students to respond to the opportunities and demands of a highly competitive world. The program gives students the knowledge and skills that are universally needed to be successful in leadership roles in any organization. The curriculum builds a knowledge base that includes the latest ideas in management thought and practice, with a particular emphasis on acquiring critical people management skills.

<b>Management Imperatives</b>	
HRM 315 Human Resource Management .....	5
MN 450 Leadership for a Changing World .....	5
<b>Management for the New Millennium<sup>1</sup></b>	
MN Elective .....	5
MN Elective .....	5
MN Elective .....	5
<b>Critical Human Resource Management Functions<sup>2</sup></b>	
HRM Elective .....	5
HRM Elective .....	5
HRM Elective .....	5
<b>Total Hours</b>	<b>40</b>

<sup>1</sup>The following are approved MN electives for Management majors:

MN 342 Legal Aspects of Business Management .....	5
MN 401 Entrepreneurship .....	5
MN 410 Business Ethics .....	5
MN 425 Managing Diversity .....	5
MN 439 Small Business Management .....	5
MN 475 International Business Management .....	5
MN 476 International Law .....	5

<sup>2</sup>The following are approved HRM electives for Management majors:

HRM 400 Compensation Management .....	5
HRM 405 Employment Law .....	5
HRM 444 Labor Management Relations .....	5
HRM 455 Advanced Issues in Employment Law .....	5
HRM 460 Employee Recruitment and Selection .....	5
HRM 461 Human Resource Development, Evaluation, and Safety .....	5
HRM 466 Human Resource Information Management .....	5

## Human Resource Management Major (HRM)

The Human Resource Management Program prepares students to meet the challenges of a specialized career in HR or general management. The program is affiliated with the national Society for Human Resources Management and has a curriculum that presents state-of-the-art practices in human resource management. Students are provided with the knowledge and skills needed to be competitive in this constantly changing field.

### Required Human Resource Management Courses

HRM 315 Human Resources Management .....	5
HRM 400 Compensation Management .....	5
HRM 405 Employment Law .....	5
HRM 444 Labor Management Relations .....	5
HRM 461 Human Resource Development, Evaluation, and Safety .....	5
HRM 460 Employee Recruitment and Selection .....	5

<sup>1</sup>The following are approved HRM electives:

EC 350 Labor Economics .....	5
HRM 455 Advanced Issues in Employment Law .....	5
HRM 466 Human Resources Information Management .....	5

### HRM Electives<sup>1</sup>

HRM Elective .....	5
HRM Elective .....	5

**Total Hours    40**

## Department of Marketing Marketing Major (MT)

The importance of marketing is underlined by the fact that marketing activities constitute one-half of the total cost of an average product, and that a marketing orientation is linked with the purpose of any business or organization; that is, serving customer needs.

The program of study in Marketing is designed to prepare students for challenging careers in advertising and sales promotion, distribution, entrepreneurial ventures, and sales, as well as for future advancement into general management.

The Marketing core requires course work in marketing research, consumer behavior and marketing strategy. In addition, Marketing majors choose five elective marketing courses.

### Marketing Major Requirements

MT 436 Marketing Research Methods .....	5
MT 441 Consumer Behavior .....	5
MT 478 Marketing Strategy .....	5
Marketing Elective .....	5
Marketing Elective .....	5
Marketing Elective .....	5
Marketing Elective .....	5
Marketing Elective .....	5

**Total Hours    40**

The five elective marketing courses permit each student to develop a program tailored to his or her specific interest in marketing. The AUM Marketing Department has identified five distinct emphasis areas in marketing which are supported by coursework. Depending on the student's area of interest, the department strongly recommends certain combinations of elective courses. Students, however, are not forced to choose these combinations of electives. The Marketing faculty will advise students as to the appropriate combination of courses depending on their interests, as well as their experience and career objectives. The five marketing emphasis areas, and the recommended courses are shown below.

## Marketing Emphasis Areas and Recommended Courses

### Distribution

MT 410 Marketing to Organizations ....	5
MT 434 Purchasing .....	5
MT 438 Retailing .....	5
MT 472 Transportation Management .....	5
MT 473 Logistics Management .....	5

### Marketing Management

MT 342 Issues in Marketing .....	5
MT 401 Entrepreneurship .....	5
MT 432 Marketing Communication Strategy .....	5
MT 410 Marketing to Organizations .....	5
MT 465 International Marketing .....	5

### New Venture Creation

MT 340 Professional Selling .....	5
MT 342 Issues in Marketing .....	5
MT 432 Marketing Communication Strategy .....	5
MT 401 Entrepreneurship .....	5
MT 465 International Marketing .....	5

### Sales

MT 340 Professional Selling .....	5
MT 410 Marketing to Organizations .....	5
MT 431 Marketing Communication Strategy .....	5
MT 434 Purchasing .....	5
MT 437 Sales Management .....	5

### Marketing Communication and Advertising<sup>1</sup>

MT 432 Marketing Communication Strategy .....	5
MT 450 Direct Marketing .....	5
MT 451 Advertising .....	5
MT 474 Print Media Advertising .....	5
MT 483 Strategic Advertising Campaign .....	5



<sup>1</sup> Marketing majors seeking a career in marketing communication and advertising have an opportunity to expand their knowledge in related disciplines by selecting a concentration of four elective courses from AUM’s graphic design and/or mass communication programs. Three of these four courses (15 credit hours) must be taken as electives. Students interested in this concentration should contact the department head in Marketing as early as possible in their academic program for advising. It is recommended that their three approved electives be chosen from the list of courses shown below. The fourth course for the concentration can be substituted for one of the five marketing electives in the Marketing major. This fourth course must be chosen from the following list of courses.

COM 375 Advertising Media .....	5
COM 380 Public Relations I .....	5
COM 381 Desktop Publishing .....	5
COM 385 Advertising Copywriting ....	5
COM 481 Creative Strategy in Advertising .....	5
FA 370 Computer Graphics 1 .....	5
FA 226 Typography 2 .....	5
FA 475 Electronic Layout 1 .....	5
FA 476 Electronic Layout 2 .....	5
FA 427 Presentation Graphics .....	5
FA 428 Advertising Art .....	5

# Description of Courses

## Accounting (AC)

*Professors M. Golden, Kamnikar, Lake, Lantz (Dean), and Rogow*

*Associate Professor Lett*

*Assistant Professors Heier and Sayers*

*Instructors Jackson, Kaysing, and Pughsley*

**100. Cornerstone of Business (5).**

An introduction to the functional areas of business. Includes a study of external institutions, economic environment, societal concerns, and the skills required for decision making. Open to all students regardless of academic major.

**201. Introductory Accounting I (5). Pr., AC 100, MH 150, sophomore standing or permission of dean.**

Structure of accounting, elementary accounting principles, accounting methods for service and trading enterprise.

**202. Introductory Accounting II (4). Pr., AC 201, sophomore standing or permission of department head.**

Continuation of AC 201. This course will be offered for the last time fall quarter 1997.

**203. Accounting for Management Decisions (5). Pr., AC 201.**

The use of accounting data in the management functions of planning and controlling. Cost-volume-profit analysis, budgeting, control, performance evaluation, and product costing.

**301. Intermediate Accounting I (5). Pr., AC 203, junior standing.**

The advanced principles of accounting and financial reporting.

**302. Intermediate Accounting II (5). Pr., AC 301.**

Continuation of AC 301.

**303. Intermediate Accounting III (5). Pr., AC 302, junior standing.**

A continuation of AC 301 and AC 302.

**304. Income Tax Accounting (5). Pr., junior standing.**

Preparation of income tax returns and accounting records for income tax purposes.

**320. Accounting Systems and Internal Control (5). Pr., AC 203, IS 207, junior standing.**

Introduction to accounting information systems with an emphasis on the understanding of transactions and relationships found in basic transaction cycles and the controls that are appropriate in both manual and computerized systems.

**401. Cost Accounting (5). Pr., AC 320, junior standing.**

Cost accumulation procedures for job-order, process, and standard costing. Accounting methods for labor, materials, and overhead, including analysis and allocation techniques.

**402. Managerial Accounting (5). Pr., AC 401.**

The use of accounting data in the management functions of planning and controlling. Includes budgeting, cost and profit analysis, capital budgeting, behavioral implications of accounting, and quantitative methods.

- 404. Advanced Income Tax Accounting (5). Pr., AC 304.**  
Specialized tax determination problems of individuals, corporations, estates, and trusts; information return. Duplicate credit will not be allowed for AC 404 and AC 604.
- 406. Auditing (5). Pr., AC 302.**  
Principles and procedures of financial and internal auditing; audit reports, special reports, and services; professional ethics and legal liability.
- 407. Advanced Accounting (5). Pr., AC 302.**  
Advanced accounting theories and methods, consolidation of financial statements, and other special problems. Duplicate credit will not be allowed for AC 407 and AC 607.
- 409. Governmental and Nonprofit Accounting (5). Pr., AC 301, AC 320.**  
Principles of accounting practices and financial reporting for nonprofit entities and governmental units. Duplicate credit will not be allowed for AC 409 and AC 609.
- 416. Advanced Auditing (5). Pr., AC 406.**  
Advanced application of auditing procedures to practical problems with an emphasis on audit sampling. Includes research and presentation of cases. Duplicate credit will not be allowed for AC 416 and AC 616.
- 417. Financial Accounting Theory (5). Pr., AC 302.**  
Concentrated study of theories of asset valuation and income determination and the structure of financial accounting. Duplicate credit will not be allowed for AC 417 and AC 617.
- 490. Special Problems (1-5). Pr., junior standing and permission of department head.**  
Variable content in the accounting area.
- 495. Internship in Accounting (1-5). Pr., departmental approval.**  
Practical experience that enables students to integrate academic knowledge with applications by exposure to business, governmental, and other organizational environments. May be repeated up to ten (10) hours. Only the grades of "S" (Satisfactory) and "U" (Unsatisfactory) will be assigned. Free elective credit only.

## Decision Science (QM)

*Professors C. Golden, Griffin, and Ho (Head)*

*Associate Professors Lucy-Bouler and McDevitt*

*Assistant Professors Ang and Honan*

*Instructor Williams*

- 274. Business Statistics I (5). Pr., MH 150, IS 207 or equivalent.**  
The introduction and application of elementary statistics to decision making in business and economics, including descriptive statistical measures, probability, probability distributions, and estimation. Duplicate credit will not be allowed for QM 274 and MH 267.
- 275. Business Statistics II (5). Pr., QM 274 or equivalent.**  
A continuation of Business Statistics I, including analysis of variance, Chi-Square, regression and correlation, and nonparametric methods. Duplicate credit will not be allowed for QM 275 and MH 367.
- 376. Statistical Quality Control (5). Pr., QM 275, junior standing.**  
The theory and application of inspection sampling plans and control charts for the design, specification, and control of product quality.

- 380. Production Design and Measurement (5). Pr., QM 400.**  
The design and location of production and service systems. Attention is given to process analysis, motion study, time study, and synthetically established standards.
- 384. Materials Management I (5). Pr., QM 400.**  
A study of production scheduling in continuous job shop and project management environments.
- 400. Operations Management (5). Pr., MN 310, upper division standing.**  
Effective and efficient management of the transformations process. Students will learn how firms make or provide goods and services in the process of taking inputs and transforming these inputs into outputs (goods and services).
- 475. Quantitative Methods of Management (5). Pr., QM 400.**  
Use of quantitative methods in managerial decision making.
- 476. Forecasting (5). Pr., QM 400.**  
The theory and application of regression, smoothing, and auto-regressive-integrated-moving average models to practical problems in business forecasting.
- 478. Materials Management II (5). Pr., QM 384, junior standing.**  
The design and control of systems to guide and coordinate the flow of inputs and outputs through the physical system for producing and distributing goods and services. Includes forecasting for inventory decisions, requirements planning, scheduling, and systems management.
- 480. Seminar in Operations Management (5). Pr., MN 473, QM 476, QM 478, senior standing.**  
A capstone course for the decision science option which will encompass all aspects of production and operations management, including planning, coordinating, and controlling operations of profit and not-for-profit enterprises. Topics include managing change, computer integrated manufacturing, and total quality management.
- 490. Special Problems (1-5). Pr., junior standing.**  
Variable content in the decision science area.
- 495. Internship in Decision Science (1-5). Pr., departmental approval.**  
Practical experience that enables students to integrate academic knowledge with applications by exposure to business, governmental, and other organizational environments. May be repeated up to ten (10) hours. Only the grades of "S" (Satisfactory) and "U" (Unsatisfactory) will be assigned. Free elective credit only.

## Economics (EC)

*Professors Deravi, Gregorowicz (Head), Hegji (Distinguished Research Professor), Lacy, and Moberly*  
*Associate Professors Chiles, Clark, and Sollars (Assistant Dean)*

- 200. Essentials of Economics (5).**  
Provides the background for a basic understanding of how the American economic system functions. Emphasis is placed on the operation of a capitalistic system, supply and demand, the institutions in the U.S. system, the role of government in the system and its relationship to the world economy. Will not substitute for EC 201 or EC 202. Available to non-business majors only.

- 201. Economics I (5). Pr., MN 150 (or appropriate score on AUM Mathematics Placement test) or MH 281 or equivalent.**  
This course introduces the student to basic principles of economics and the methods of microeconomic analysis. Topics include the microeconomic analysis of the market forces of supply and demand, price determination, market structure, government intervention in the market, and the notion of economic efficiency.
- 202. Economics II (5). Pr., EC 201.**  
Macroeconomic analysis of aggregate trends and problems that include macroeconomic instability and the business cycle, inflation and unemployment, government stabilization policies both fiscal and monetary, the balance of payment and trade, and long-run economic growth.
- 301. Contemporary Economic Problems (5). Pr., EC 200, EC 201, or EC 202, junior standing.**  
An intensive analysis of specific, current business and economic problems of major importance.
- 305. Issues in Global Trade and Finance (5). Pr., EH 306 or concurrent with EH 306, upper division standing.**  
A study of the global nature of our economy and the effects of the global economy on public policy and business decision making. The focus of the course deals with the effects of the global environment on domestic product markets, labor markets, resource markets, and financial markets.
- 350. Labor Economics (5). Pr., EC 202, junior standing.**  
A theoretical and institutional examination of the labor market, including wage theories, unionism, the economics of collective bargaining, and problems of insecurity.
- 352. Comparative Economic Systems (5). Pr., EC 200 or EC 201, junior standing.**  
An analysis of the rival economic doctrines of capitalism, socialism, and communism.
- 354. History of Economic Thought (5). Pr., EC 200 or EC 201, junior standing.**  
The development of economic ideas, principles, and systems of analysis from early times to the present.
- 360. Money and Banking (5). Pr., EC 202, junior standing.**  
Money, credit, and banking, including consideration of monetary systems, foreign exchange, and commercial banking with relation to the Federal Reserve System. This course is taught at Alabama State University.
- 380. What Color of Green (5). Pr., junior standing.**  
An exploration of the often divergent viewpoints of economics and ecologists over environmental issues. Issues of interest include economic development, environmental preservation, government regulation, and international environmental conflicts.
- 390. Booms and Busts in Twentieth-Century America: A Macroeconomic History of the U.S. in the World Economy (5). Pr., EC 200 or EC 202.**  
This course is designed to encourage students to learn macroeconomic concepts and principles by analyzing the important events and trends in the U.S. this past century. The course applies economic theory and analysis to the complexities of the real world. Students investigate political-economic history, the nature of decision making, and its intended and unintended consequences.

- 410. Intermediate Macroeconomics (5). Pr., EC 202, junior standing.**  
The study of the aggregate forces of supply and demand in an economy that seeks the goals of full production, full employment, price stability, and growth. Topics include economic growth, analysis of the business cycle, issues and problems in monetary and fiscal policy, balance of payments, and exchange rate analysis.
- 411. Intermediate Microeconomics (5). Pr., EC 201, junior standing.**  
The study of how prices, output, and size of plant are determined within varying economic market organizations.
- 427. Managerial Economics (5). Pr., EC 201, junior standing.**  
Decision theory and criteria for decision making concerning output, pricing, capital budgeting, scale of operation, investment, and inventory control. Attention is also given to concepts of profits, production and cost functions, competition, and equilibrium for the firm and industry.
- 460. Law and Economics (5). Pr., EC 200 or EC 201, junior standing.**  
Survey of the law and legal institutions (including law enforcement) from an economics perspective. Topics include property, contracts, torts, criminal and constitutional law, efficiency of common law, and efficient allocation of law enforcement resources.
- 462. Monetary Theory and Policy (5). Pr., FI 361, EC 360.**  
Advanced monetary and banking policy. Attention given to government fiscal policies and programs. Same as FI 462.
- 465. Public Finance (5). Pr., EC 201, junior standing.**  
A study of principles of taxation, government expenditures, and fiscal policy in the American economy. Same as FI 465.
- 470. International Economics (5). Pr., EC 305, junior standing.**  
A survey of the basic theory and institutions of international trade, including supply and demand in trade, tariff analysis, customs unions, trade policy, the foreign exchange market, international monetary management, the balance of payments and trade, and the international adjustment mechanism. Current problems in the international sector will be analyzed.
- 490. Special Problems (1-5). Pr., junior standing.**  
Variable content in the economics area.
- 495. Internship in Economics (1-5). Pr., departmental approval.**  
Practical experience that enables students to integrate academic knowledge with applications by exposure to business, governmental, and other organizational environments. May be repeated up to ten (10) hours. Only the grades of "S" (Satisfactory) and "U" (Unsatisfactory) will be assigned. Free elective credit only.

## Finance (FI)

*Professors Johnson and Lange (Distinguished Teaching Fellow)*

*Instructor Caudill*

- 321. Personal Risk Management and Insurance (5). Pr., junior standing.**  
A study of the risk management process using personal lines of insurance, including auto, home, life, health, and disability.
- 323. Principles of Real Estate (5). Pr., AC 203, EC 202, junior standing.**  
A study of the fundamental principles and practices as applied to the purchase, sale, lease, mortgage, title, and management of real estate.

- 337. Personal Financial Planning (5). Pr., upper division standing.**  
Financial planning applications, including planning, acquiring, protecting - insurance, preserving - tax and estate planning, and investing personal assets. Duplicate credit will not be allowed for FI 337 and FI 637.
- 361. Financial Management I (5). Pr., AC 302, EC 202, IS 207, and upper division standing.**  
Introduction to financial management emphasizing applications of finance theory. Topics include financial analysis, relationship between risk and rate of return, stock and bond valuation, capital budgeting procedures, and working capital management.
- 362. Financial Management II (5). Pr., FI 361.**  
An examination and application of finance theory, including valuation models, capital structure, and dividend policy.
- 365. Financial Institutions and Markets (5). Pr., FI 361.**  
A comprehensive study of financial institutions and markets of the economy in general.
- 421. Commercial Risk Management and Insurance (5). Pr., FI 361.**  
The identification, measurement and management of commercial risks. Includes commercial insurance lines of auto, inland marine, liability, and property insurance. Duplicate FI credit will not be allowed for FI 421 and FI 621.
- 425. Real Estate Financing (5). Pr., FI 361.**  
Mortgage lending in the U.S.—sources of real estate funds in primary and secondary markets. Lending policies and operations of savings banks, mortgage banks, insurance companies, individuals, and governmental institutions in the real estate field.
- 426. Real Estate Appraisal (5). Pr., FI 425.**  
A study of the source of real estate value, the techniques for estimating property value, and the effective use of appraisal information.
- 460. Financial Asset and Liability Management (5). Pr., FI 365.**  
Study of financial asset and liability management, relationship of asset/liability management to liquidity, and the nation's credit structure.
- 462. Monetary Theory and Policy (5). Pr., FI 361, EC 360.**  
Advanced monetary and banking policy. Attention given to government fiscal policies and programs. Same as EC 462.
- 464. Investment Analysis and Portfolio Management (5). Pr., FI 337, FI 362, FI 365, FI 460.**  
Examination of a broad range of investment alternatives with emphasis on those most suitable for individuals; introduction to concepts of risk, security valuation, and market behavior. This course is taught at Alabama State University.
- 465. Public Finance (5). Pr., EC 202, junior standing.**  
A study of principles of taxation, government expenditures, and fiscal policy in the American economy. Same as EC 465.
- 475. International Finance (5). Pr., FI 361, EC 305.**  
Analysis of theories and practices of international finance, both from an internal and external perspective. Emphasis is placed on the international monetary system, foreign exchange markets, foreign risk exposure, international banking, foreign trade financing, and the management of multinationals. Duplicate credit will not be allowed for FI 475 and FI 675.
- 490. Special Problems (1-5). Pr., FI 337, FI 362, FI 365, FI 460.**  
Variable content in the Finance area.

**495. Internship in Finance (1-5). Pr., departmental approval.**

Practical experience that enables students to integrate academic knowledge with applications by exposure to business, governmental, and other organizational environments. May be repeated up to ten (10) hours. Only the grades of "S" (Satisfactory) and "U" (Unsatisfactory) will be assigned. Free elective credit only.

## Human Resource Management (HRM)

*Professor Goodson (Head)*

*Associate Professors Arnold, Duarte, Hall, Honey, and Lewis*

*Assistant Professor Francis*

*Instructor McArthur*

**315. Human Resource Management (5). Pr., MN 310, junior standing.**

Management of employees with particular attention to recruiting, selection, placement, training, performance evaluation, motivation, wage and salary administration, security, behavior, and union-management relations.

**355. Issues in Human Resource Management (5). Pr., MN 310, HRM 315, junior standing.**

Seminar on current and future areas of concerns and issues in the field of human resource management.

**400. Compensation Management (5). Pr., HRM 315, upper division standing.**

The design and maintenance of employee pay and benefits systems that contribute to the effective implementation of organizational strategy; emphasis on internal equity, external competitiveness, employee motivation, legality, and budgetary issues in compensation administration.

**405. Employment Law (5). Pr., HRM 315, upper division standing.**

Examination of topics on wage and hour legislation, equal employment opportunity and civil rights, employee benefits and insurance, workers' compensation, occupational safety and health laws, and employees' personal rights.

**444. Labor Management Relations (5). Pr., MN 310, upper division standing.**

This course covers employee and management relations in union and non-union organizations, labor relations law, the collective bargaining process, employee grievance procedures and arbitration, labor management cooperation, and dispute resolution.

**455. Advanced Issues in Employment Law (5). Pr., HRM 405, upper division standing.**

This is a seminar course designed to focus the attention of the major on current issues of interest in employment law. The content of the course will change to reflect the current status of employment law.

**460. Employee Recruitment and Selection (5). Pr., HRM 315, upper division standing.**

The theoretical and practical aspects of designing and administering a staffing program. Topics include traditional and non-traditional recruitment techniques, job analysis, psychometric theory, and selection methods.

**461. Human Resource Development, Evaluation, and Safety (5). Pr., HRM 315, upper division standing.**

The development, evaluation, and management of human performance in organizations. Concepts and issues in the management of safety and health programs.



- 466. Human Resource Information Management (5). Pr., HRM 315, upper division standing.**  
A course designed to give students a first-hand look at computer applications in the human resources (HR) field. Students will identify information requirements in each of the functional HR areas. Using a commercial HR program in conjunction with spreadsheet applications, students will use HR information to solve problems and comply with regulatory requirements. The course will also introduce students to relevant Internet resources.
- 495. Internship in Human Resource Management (1-5). Pr., departmental approval.**  
Practical experience that enables students to integrate academic knowledge with applications by exposure to business, governmental, and other organizational environments. May be repeated up to ten (10) hours. Only the grades of "S" (Satisfactory) and "U" (Unsatisfactory) will be assigned. Free elective credit only.

## Information Systems (IS)

*Professors C. Golden, Griffin, and Ho (Head)*  
*Associate Professors Lucy-Bouler and McDevitt*  
*Assistant Professors Honan, Remko, and Shih*  
*Instructor Little*

- 205. Computer Applications in Business for Non-Business Majors (5).**  
Evaluation of digital computers. Overall structure of computer problem solving and methods of constructing computer solutions. The use of microcomputing hardware and software with an emphasis on microcomputer operating systems and application software for business.
- 207. Introduction to Management Information Systems (5). Pr., MH 150 (or an appropriate score on the AUM Mathematics Placement Test).**  
Basic concepts and terminology of business data processing. Includes coverage of computer systems components, management information systems concepts, microcomputer programming, and the use of database, spreadsheet, presentation graphics, word processor, and internet applications.
- 210. Network Operating Systems (5). Pr., IS 207, departmental approval.**  
An introduction to network and multiuser operating systems such as Novell Netware, Microsoft Windows NT Server, and Unix.
- 231. COBOL I (5). Pr., IS 207.**  
An introduction to the Common Business Oriented Language (COBOL) with programming problems and systems of increasing complexity in the areas of business and industry. Includes development of program logic, structured programming concepts, and history of COBOL applications. Emphasis is placed on data manipulation, sequential processing techniques, and table handling.
- 232. COBOL II (5). Pr., IS 231.**  
Continued study of structured COBOL programming concepts and applications, including advanced data usage and manipulation techniques and file management.
- 240. Visual Programming (5). Pr., IS 207, or departmental approval.**  
A study of specialized programming languages as they are applied to business. Use of visual programming environments will be emphasized. Repeat credit allowed for different languages.

- 245. Internet Programming (5). Pr., IS 207, or departmental approval.**  
A study of specialized hypertext and programming languages used for developing internet and intranet applications.
- 310. Information Technology Applications (5). Pr., IS 207, junior standing.**  
A survey of the applications of computerized management information systems in operations management. Includes the application of business software to problems in operational areas of management.
- 350. Survey of Computer Languages (5). Pr., IS 207, junior standing.**  
A study of specialized languages as they are applied to business information processing.
- 355. Data Structures (5). Pr., IS 232, junior standing.**  
The study of structures and techniques used in representing and operating the logical relationship among elements of information. Examines the methods by which higher level languages implement such structures and facilitate such techniques.
- 356. Database Systems (5). Pr., IS 232, junior standing.**  
The study of Logical and Physical Data Base models. Primary models presented include the relational model, hierarchical model, and CODASYL DBTG model.
- 362. Advanced Programming Concepts (5). Pr., IS 232, IS 350, junior standing.**  
A continuation of IS 232 (COBOL II) and IS 350 (A Survey of Computer Languages). This course addresses advanced file techniques, sub-programs, linking to modules written in other languages, overlay structures, object oriented libraries, and network functionality.
- 370. Data Communications (5). Pr., IS 232, junior standing.**  
An introduction to the principles of data communication, including common carrier usage, transmission coding, and communication systems hardware. Basic interfaces and protocols are also introduced.
- 460. Systems Analysis (5). Pr., IS 232, junior standing.**  
Analysis and initial design of information flow systems for management control and decision making, including coordination of flows from all functional areas of the business enterprise.
- 465. Computer Simulation for Business Decisions (5). Pr., senior standing.**  
Introduction to numerical techniques necessary for conducting experiments on a digital computer, which involves certain types of mathematical or logical models that describe the behavior of a business or economic system.
- 470. Systems Design and Implementation (5). Pr., IS, 356, IS 460, senior standing.**  
Application of computer programming and system development concepts, principles, and practices to a comprehensive system development design. Topics include input/output specifications, program coding, file organization, implementation and testing, documentation, and performance measurement and control.
- 480. Management Information Systems (5). Pr., IS 356, senior standing.**  
Study of the multidimensional interaction of the business organization and the various information subsystems. Considers the behavioral, organizational, and social issues associated with information flow in business.
- 490. Special Problems (1-5). Pr., junior standing.**  
Variable content in the information systems area.

- 495. Internship in Information Systems (1-5). Pr., departmental approval.**  
Practical experience that enables students to integrate academic knowledge with applications by exposure to business, governmental, and other organizational environments. May be repeated up to ten (10) hours. Only the grades of "S" (Satisfactory) and "U" (Unsatisfactory) will be assigned. Free elective credit only.

## Management (MN)

*Professor Goodson (Head)*

*Associate Professors Arnold, Duarte, Hall, Honey, and Lewis*

*Assistant Professor Francis*

*Instructor McArthur*

- 241. Legal Environment of Business (5). Pr., AC 100 or permission of dean.**  
Structure and operation of the legal system and its relationship to the modern business environment.
- 280. Essentials of Management (5). (Non-Business majors only.)**  
Application of management principles in organizations. Includes evolution of management theory, planning and goal setting, leadership, organization theory, authority and group relations, motivation theory, communication, directing, decision making, and managerial controls.
- 310. Management of Organizations (5). Pr., MN 241, EC 202, IS 207, upper division standing.**  
Overview of the major theoretical and applied areas of managing the internal and external environments of business. The theoretical components of this course provide the knowledge base needed to learn various applied managerial tools.
- 340. Business and Society (4). Pr., junior standing.**  
A study of the relationship between specific pressures from the external environment and the business actions necessary to manage that relationship. A view of the social, political, legal, and economic components of society is included. Major emphasis is placed on cost-benefit analysis and action consequences, and analysis of various managerial responses to social demands.
- 342. Legal Aspects of Business Management (5). Pr., upper division standing.**  
Legal principles for business persons and accountants, covering secured transactions, real property, and negotiable instruments. Special emphasis is placed on the laws applicable to agencies (including the employer-employee relationship), partnerships, and corporations.
- 346. Organizational Behavior (5). Pr., EH 306 or concurrently with EH 306, upper division standing.**  
Basic grounding in the behavioral sciences related to the management of people in organizations, the theories of managing employees, and managerial practices that enhance the effective leadership and motivation of employees.
- 369. Organizational Consultation (5). Pr., MN 346.**  
Competencies in role entry and development, data collection, intervention, and evaluation are gained through class exercises and projects. The focus is on developing a problem-centered approach to intervening in organizations that minimizes reliance on programmed techniques and maximizes collaborative innovation between client and consultant.

- 401. Entrepreneurship (5). Pr., MT 331, MN 310, and FI 361.**  
Covers the entrepreneurial process from conception to birth for a new venture. It concentrates on attributes of entrepreneurs, searching for opportunities, and gathering resources to convert opportunities into a business. Students learn how to evaluate entrepreneurs and their plans for new businesses. Students work in teams to write a business plan for a new venture that they have conceived. Same as MT 401.
- 410. Business Ethics (5). Pr., MN 310.**  
This course will research, discuss and evaluate current ethical issues in business today. It is designed to stimulate thought and discussion among business majors concerning the day-to-day ethical problems and decisions of the business world.
- 425. Managing Diversity (5). Pr., MN 310, upper division standing.**  
An in-depth examination of the impact that employee diversity has on individuals, businesses, and society. The course encourages students to look positively at all types of differences and view them as opportunities. Topics include effective cultural diversity models that examine perceptual errors and biases, conflict and polarization, structures for cooperation, and alternatives to Affirmative Action.
- 434. Purchasing (5). Pr., MT 331, junior standing.**  
Objectives, control, and the direction of industrial purchasing. Same as MT 434.
- 439. Small Business (5). Pr., EC 201 and EC 202, FI 361, MN 310, and MT 331.**  
Course focuses on selected elements and issues which are critical to the success of starting and managing a small business including getting started in a business, franchising opportunities, business plans, financing sources, outside assistance, using secondary information, and government and export market opportunities.
- 450. Leadership for a Changing World (5). Pr., MN 310, upper division standing.**  
This course covers the most current management practices needed for organizational survival and excellence. Topics include re-engineering, managing cultural change, managing innovation in a learning organization, teamwork, and autonomous work groups.
- 467. Organizational Change and Development (5). Pr., MN 346.**  
Concentrates on providing students with understanding, knowledge, skills, and techniques to help individuals facilitate change in organizations. Strategies and tactics used in organizational and social developments in the past will be critically examined for their relevance to the future.
- 470. International Business (5). Pr., MN 310, MT 331, or junior standing.**  
Fundamentals of exporting/importing and doing business with foreign businesses. Includes information sources, special trade agreements, trade incentives/barriers, and financing and organizing for exporting/importing. Foundation provided for understanding economic, social, cultural, and legal factors as they relate to doing business with foreign businesses.
- 473. Logistics Management (5). Pr., MT 331.**  
Fundamentals of supply and distribution management in business concerns. Includes plant location, inventory control, warehousing, and office management. Total movement control from raw material to ultimate consumer is emphasized. Same as MT 473.

- 475. International Business Management (5). Pr., EC 305, upper division standing.**  
This class will build on the international economics and finance course by showing how economic and financial factors influence the strategy formulation and management of a firm wishing to engage in international trade. Other topics covered are managing culture's consequences, global human resource management, managing and organizing multinational enterprise, and global strategic management.
- 476. International Law (5). Pr., upper division standing.**  
A survey of domestic and foreign laws and treaties as they affect international business transactions.
- 480. Strategic Management (5). Pr., All other upper division business core courses (EC 305, MT 331, FI 361, MN 310, MN 346, QM 400) and senior standing.**  
This is the capstone course in the School of Business and integrates the knowledge gained in the core business curriculum. It forces a total enterprise perspective. The students develop the ability to think strategically about an organization and how it can gain sustainable competitive advantage by crafting a business strategy.
- 490. Special Problems (1-5). Pr., junior standing.**  
Variable content in the management area.
- 495. Internship in Management (1-5). Pr., departmental approval.**  
Practical experience that enables students to integrate academic knowledge with applications by exposure to business, governmental, and other organizational environments. May be repeated up to ten (10) hours. Only the grades of "S" (Satisfactory) and "U" (Unsatisfactory) will be assigned. Free elective credit only.

## Marketing (MT)

*Professors Budden, Ingram, and Self*

*Associate Professors Jones and Judd (Head)*

- 231. Essentials of Marketing (5). (Non-Business majors only.)**  
A general survey of the field of marketing, including pricing, promotion, marketing channels, and other marketing functions and methods. This course is for non-Business majors only; it does not count toward graduation for Business majors.
- 331. Principles of Marketing (5). Pr., AC 203, EC 202, QM 274, and upper division standing.**  
A survey of the field of marketing and its role within an organization. Examines marketing concepts, terms, and management. Includes the areas of product development, distribution, promotion, and pricing.
- 340. Professional Selling (5). Pr., MT 331.**  
Treats sales as both an entry-level and a career opportunity. Focus is on building long-term customer relationships through creative problem-solving sales approaches which are associated with marketing strategies and plans. Students learn how to prepare and deliver sales presentations. Special emphasis is given to the psychological and communication aspects of the selling process.
- 342. Issues in Marketing (5). Pr., MT 231 or MT 331.**  
Seminar on current and future areas of concerns and issues in the field of marketing.

**401. Entrepreneurship (5). Pr., MT 331, MN 310, FI 361.**

Covers the entrepreneurial process from conception to birth for a new venture. It concentrates on attributes of entrepreneurs, searching for opportunities, and gathering resources to convert opportunities into a business. Students learn how to evaluate entrepreneurs and their plans for new business. Students work in teams to write a business plan for a new venture that they have conceived. Same as MN 401.

**410. Marketing to Organizations (5). Pr., MT 331.**

Strategies for marketing goods and services to the commercial market (e.g., agriculture and forestry, mining, construction, manufacturing, transportation, communications, utilities, insurance and finance, and services) and to governmental and institutional customers. Emphasis is on gaining a competitive advantage. Focus is on differentiated marketing mixes, market segmentation and target market opportunities, and customer commitment and relationship strategies.

**432. Marketing Communication Strategy (5). Pr., MT 331.**

A critical analysis of the various promotion methods available to marketers in communicating desired product and/or service information to consumers. Among the methods covered are personal selling, mass selling, and sales promotion.

**434. Purchasing (5). Pr., MT 331.**

Objectives, control, and the direction of industrial purchasing. Same as MN 434.

**436. Marketing Research Methods (5). Pr., MT 331.**

Methods of scientific research in the field of marketing and their application to the solution of marketing problems.

**437. Sales Management (5). Pr., MT 331, MN 310.**

Principles and practices of sound organization and administration of sales organizations. Includes consideration of sales department organization; selecting, training, compensating, and supervising sales representatives; sales planning; establishing sales territories and quotas; and related problems.

**438. Retailing (5). Pr., MT 331.**

A survey of the nature, managerial procedures, and results of trade at the retail level.

**441. Consumer Behavior (5). Pr., MT 331.**

Analysis of factors to be considered in understanding and predicting the behavior of ultimate consumers. Emphasis is on developing marketing strategies for target markets. Topics covered include belief and attitude formation, demographics, lifestyle, reference group, influence, opinion leadership, cultural and subcultural influences, social class, and regional marketing.

**450. Direct Marketing (5). Pr., MT 331.**

Management of non-personal promotional methods which are designed to secure immediate response from the customer. Includes direct mail, space advertising, telemarketing, television, and catalogs. Attention is given to implementing direct marketing and merging it with traditional personal selling and promotional methods.

**451. Advertising (5). Pr., MT 331 or MT 231.**

An in-depth introduction to the field of advertising useful to those pursuing careers in either the client or agency side. Areas covered include advertising research and planning, creative aspects of print and electronic media, media planning and placement, and social and legal aspects of advertising.

- 465. International Marketing (5). Pr., MT 331, EC 305.**  
Covers the role of marketing in the global arena and the impact of culture, law, policies, ethics, and other environmental variables on strategies for marketing goods and services in a global market.
- 472. Transportation Management (5). Pr., MT 331.**  
The management of transportation systems and firms in the United States and the world. Includes the analysis of various rate structures as well as government regulation and the effect on commerce and industry.
- 473. Logistics Management (5). Pr., MT 331.**  
Fundamentals of supply and distribution management in business concerns. Includes plant location, inventory control, warehousing, and office management. Total movement control from raw material to ultimate consumer is emphasized. (Same as MN 473).
- 474. Print Media Advertising (5). Pr., MT 432, permission of instructor.**  
Principles and processes in evaluating and using print media for advertising. Introduction to layout and design. Same as COM 474.
- 478. Marketing Strategy (5). Pr., MT 331.**  
Planning and development of marketing strategies including opportunities assessment and competitive analysis. Focus on application to present the student with major marketing decision areas. Examines traditional and contemporary marketing strategy alternatives.
- 483. Strategic Advertising Campaign (5). Pr., MT 432, permission of instructor.**  
A capstone course in advertising designed to bring together students in marketing, communication, and art to develop a national advertising campaign. (Same as COM 483.)
- 490. Special Problems (1-5).**  
Variable content in the marketing or transportation area.
- 495. Internship in Marketing (1-5). Pr., departmental approval.**  
Practical experience that enables students to integrate academic knowledge with applications by exposure to business, governmental, and other organizational environments. May be repeated up to ten (10) hours. Only the grades of "S" (Satisfactory) and "U" (Unsatisfactory) will be assigned. Free elective credit only.





# School of Education

*Dr. William L. Deaton, Dean*

Art Education

Early Childhood  
Education

Educational Foundations

Elementary Education

Middle School  
Education

Physical Education

Secondary Education

Special Education

## School of Education

Consistent with the mission of Auburn University at Montgomery, the School of Education strives to fulfill the following goals:

1. Provide individuals seeking careers in education with the knowledge, competencies, ethical attitudes, skills, and credentials necessary for successful performance in the teaching profession.
  - a. Utilize recruitment, admission, retention, and advising activities that facilitate student progress and guarantee highly qualified graduates.
  - b. Include in all teacher education programs a general studies component that will enable each student to become a well-educated person, as defined in the AUM Mission Statement.
  - c. Provide, through course work and laboratory experiences within the professional studies component of each program, cognitive and affective experiences that enable students to become dedicated, ethical, successful teachers.
  - d. Provide prospective teachers with a basic understanding of cultural diversity.
  - e. Provide prospective teachers with the knowledge and skills necessary to teach exceptional children.
  - f. Develop student skills and attitudes necessary for decision making, investigation, research, lifelong learning, and continued professional development.
  - g. Study and implement appropriate learning experiences in media and information systems to prepare prospective teachers to meet the demands of advances in knowledge and technology.
2. Provide graduate level programs leading to the master's and education specialist's degrees that will enable graduates to improve and extend their professional competencies and leadership abilities.
3. Based on a coordinated plan for external and internal program evaluation, continually study and modify undergraduate and graduate programs to ensure quality learning experiences that reflect sound educational thinking.
4. Provide leadership in educational innovation and emphasize learning experiences that will encourage graduates to evaluate trends and become change agents for educational improvement.
5. Improve and extend resources necessary for implementing quality educational programs.
6. Engage in research that contributes to instructional programs and the advancement of knowledge.
7. Continue to serve the community, state, and region by educating qualified professional personnel, providing on-campus educational services, and extending faculty expertise and university resources to schools and agencies within the region.

## Accreditation

The School of Education is accredited by the National Council for the Accreditation of Teacher Education (NCATE) and all programs are approved by the Alabama State Department of Education.

## Reciprocity

Graduates of NCATE-accredited professional education programs are eligible to be granted reciprocity when applying for a license to work in the schools of some states. To determine if they qualify for this privilege, graduates of NCATE-accredited institutions should contact the state director of teacher education and certification in the state in which they are interested in licensure.

## Bachelor of Science in Education

The School of Education offers courses leading to the B.S. in Education. The student may elect to pursue a program of teacher preparation designed to prepare elementary, early childhood, physical education, special education, or secondary school teachers. The programs in education are composed of the following:

1. A broad core of courses that comply with the University Liberal Education Program.
2. A professional education program consisting of courses in foundations of education and methods and curriculum in areas of specialization.
3. Course work in areas of specialization providing depth of understanding required of the teacher.
4. Professional laboratory experiences including methods labs, the internship, and special practica.

## Exceptional Children Study

All undergraduate education students are required to complete SPE 376, Survey of Exceptionalities.

## Laboratory Experiences Program

The Laboratory Experiences Program provides sequential opportunities for education students to participate in learning activities in a variety of school and community settings.

The Laboratory Experiences Program is divided into four areas: (1) Pre-professional Laboratory Program, (2) Professional Laboratory Program, (3) Professional Internship, and (4) Professional Practicum Experience.

The Pre-professional Laboratory Program is designed to provide freshman and sophomore education students initial field experiences in school or community settings. As an integral part of FED 104 and FED 212, students are provided laboratory time for observation, participation, and evaluation in field settings. Students may enroll in this course before being admitted to the Professional Education Program.

The Professional Laboratory Program provides concurrent field experiences for students enrolled in the appropriate professional methods courses. Students are provided laboratory time for involvement in actual teaching experiences in areas of specialization. Students are admitted to the Professional Education Program before enrolling in this area of the Laboratory Experiences Program.

## Admission to the Professional Education Program

Each student preparing to teach must be admitted to the Professional Education Program and complete that program as one of the qualifications for teacher certification. Application to enter the program should be filed with the School of Education during the sixth quarter in school or upon the completion of 90 hours of course work. Students may not register for advanced level education courses until they have been admitted to the Professional Education Program.

## **I. Requirements for Admission to Professional Education**

### **A. Prerequisite course work**

A minimum of 90 hours work completed, including the following courses or their equivalents:

FED 104

FED 212

FED 214

EH 101 and EH 102

COM 101

### **B. Health requirement**

The student is required to submit evidence of a physical examination stating that the student is free of communicable diseases and in general good health dated within the current year.

### **C. Self-assessment**

FED 104 students will complete interest inventories in order that advisors may counsel the majors more effectively in the area of their educational needs and goals. These tests will be administered once a quarter for transfer students and certification students. Prior to admission to Professional Education, each student will review these goals and needs with an advisor.

### **D. Communication skills**

The student should demonstrate proficiency in reading and oral and written English as demonstrated by the following:

1. The student must have a grade point of 2.0 (on a 4.0 scale) or better in COM 101 or its equivalent.
2. The student must have a grade point of 2.0 (on a 4.0 scale) or better in EH 101 and EH 102, or their equivalents.
3. The student must pass the Content Mastery Examinations for Educators-Basic Skills Test administered by the State Department of Education.
4. The student must pass the speech and hearing examinations administered by the Speech and Hearing Clinic personnel. In the event these tests reveal any deficiency, recommendations for remediation procedures will be communicated to the student. These recommendations may include speech therapy or referral to a physician.

### **E. Scholarship**

1. The student must have a minimum overall grade point average of 2.5 (on a 4.0 scale) on all work taken prior to admission to Professional Education.
2. The secondary student must have a minimum grade point average of 2.5 (on a 4.0 scale) in his or her major teaching field with no grade less than a "C" accepted.
3. The student must have a minimum grade point average of 2.5 (on a 4.0 scale) in professional education courses with no grade less than a "C" accepted.

### **F. Time limit**

The student must complete the teacher education program within four years after admission to Professional Education.

### **G. Notification**

After application for admission to Professional Education, the student's application file will be reviewed by the Office of Laboratory Programs, and the student will be notified of acceptance or denial by the Office of Laboratory Programs. In the event of denial, an interview may be requested

by the student with the Committee for Admission to Professional Education. The student may reapply for admission to Professional Education after deficiencies are met in lieu of or in addition to an interview.

## **II. Persons to Whom These Criteria Apply**

The student pursuing initial teaching certification at the "B" level (10 UN and degree students) must make application for admission to Professional Education and be screened according to the previously listed criteria.

## **Admission to the Professional Internship Program**

The Professional Internship courses are each a full-time assignment in an area public school or community agency. The internship involves orientation, teaching experience, professional school and community involvement, and evaluation.

The student enrolls for 15 credit hours and devotes a full quarter to the internship.

Prior to the internship the student must submit an application for internship approved by his or her advisor to the director of laboratory programs. The final dates for submission of the internship application are as follows:

Fall Quarter Internship .....	April 30
Winter Quarter Internship .....	August 30
Spring Quarter Internship .....	December 15

Student teaching for the summer quarter will not be approved for students who are in the AUM degree program.

## **I. Requirements for Admission to Professional Internship**

### **A. Prerequisite course work**

1. A minimum of 160 hours completed, including the professional courses or their equivalents as determined by the student's advisor.
2. Students who are completing certification programs must meet all prerequisites and may enroll in Professional Internship during the last two quarters of the program.

### **B. Scholarship**

1. The student must have a minimum overall grade point average of 2.5 (on a 4.0 scale) on all work taken prior to admission to the professional internship.
2. The secondary student must have a minimum grade point average of 2.5 (on a 4.0 scale) in his or her major teaching field with no grade less than a "C" accepted.
3. The student must have a minimum grade point average of 2.5 (on a 4.0 scale) in education courses with no grade less than a "C" accepted.

### **C. Additional considerations**

1. Teaching is a specialized profession that requires the ability to relate effectively to others as well as to demonstrate academic competence. Because of the special nature of this program, the faculty reserves the right to recommend to the department head and the dean the exclusion of students from the internship based on criteria other than scholarship.
2. After application for admission to the Professional Internship, the student's application file will be reviewed by the Office of Laboratory Programs and the student will be notified of acceptance or denial by the Office of Laboratory Programs. In the event of denial, an interview may be requested by the student with the Committee for Admission to Professional Internship. The student may reapply for admission after deficiencies are met in lieu of or in addition to an interview.

3. Students may not enroll in additional courses during the Professional Internship. Requests for exceptions will be considered only in unusual cases.

## **II. Internship Requirements**

- A. The student must complete the Professional Internship at AUM.
- B. The student internship must be full time and include a minimum of 300 clock hours and 10 weeks.
- C. Interns must be exposed to and given experience in all responsibilities of the classroom teacher, including use of the Alabama School Register.
- D. Interns must have full responsibility for the entire school day for a minimum of two weeks.
- E. Interns must be responsible for planning, teaching, and evaluating at least one major unit of work.
- F. The student will receive a letter grade in the internship. In the event the intern receives a letter grade of "D" or "F," the student must reapply for and repeat the internship. The new application must be approved by the Committee for the Professional Internship prior to enrollment in the internship course.

## **III. Retention and Completion Requirements**

To remain in the professional program, each student shall make satisfactory progress as determined by continuous evaluation according to institutional policies and procedures. The following minimum requirements shall be met to qualify for Class B certification

- A. Satisfactory completion of a state approved program with at least a 2.5 grade point average (on a 4.0 point scale) on all work attempted and at least a 2.5 grade point average with no grade less than a "C" accepted on all work attempted in the teaching field and in professional teacher education.
- B. Demonstrated readiness to teach through on-the-job performance as an intern as determined by use of the AUM Intern Evaluation form.
- C. Completion of the Teacher Education Program not later than four years after admission to the program. A student who does not complete the program within a four-year period may be reinstated, consistent with AUM policy.
- D. A passing score on a comprehensive examination for students beginning collegiate study fall 1989 or after.

## **IV. Persons to Whom These Criteria Apply**

The student pursuing initial teaching certification at the "B" level (10 UN and degree students) must make application for admission to Professional Internship and be screened according to the previously listed criteria.

## **Teacher Certification**

Programs in the School of Education are approved by the Alabama State Board of Education for certifying elementary, early childhood, special education, reading, physical education, and secondary teachers. Upon satisfactory completion of a prescribed course of study and upon recommendation of the AUM certification officer, a professional certificate will be issued by the appropriate State Department of Education office. The student must apply through the School of Education Certification Office.

The School of Education is an NCATE-accredited professional education unit, and graduates are eligible to be granted reciprocity when applying for a license to work in the schools of some states. To determine if they qualify for this privilege, graduates of NCATE-accredited institutions should contact the state director of teacher education and certification in the state in which they are interested in teaching.

For detailed requirements for the Professional Certificate (Ranks B, A, or AA), consult the Alabama State Department of Education Certification Document available in the Alabama State Department of Education, Certification Section.

**New and revised regulations related to teacher certification, approved by the State Board of Education, are effective July 1, 1997. Students in the School of Education must determine certification requirements through the Office of Certification and Laboratory Placement, Room 301E.**

## Transient Work

A student enrolled in the School of Education at AUM who wishes to take courses at another regionally accredited university may do so with permission. Approval may be granted if the student has completed at least 25 hours at AUM and has a 2.5 grade point average. Requests to complete upper level course work (300 and 400 level courses) from other institutions can only be approved if the institution is accredited by NCATE at the appropriate level (initial or advanced).

## Student Load

A normal quarterly load is 15 to 20 hours. Approval to schedule more than 20 hours may be requested if the student has successfully completed 25 hours at AUM and has a 3.25 grade point average.

## Bachelor of Science Programs

### Art Education (ATE)

The primary purpose is to prepare teachers with specific skills for teaching art in grades N-12.

### Early Childhood Education (ECE)

The primary purpose is to prepare teachers with specific skills for guiding the development of young children from infancy to age nine.

### Elementary Education (EED)

The preparation program for elementary teachers is designed to provide broad knowledge in all phases of the elementary school program.

### Physical Education (PE)

The Physical Education Teacher Education/Certification Program (N-12):

1. Each student is required to take the professional core.
2. Each student is required to take both elementary and secondary methods courses and intern in both elementary and secondary schools.
3. Each student is expected to choose an area of emphasis no later than the second quarter of the sophomore year: Adapted Physical Education or Coaching.

The Physical Education Non-Certification Degree Program:

The primary purpose is to prepare instructors and administrators for non-school settings, such as corporate fitness programs, recreational coaching, professional arenas, and physical rehabilitation programs. Each student is expected to choose an area of emphasis: Adult Fitness or Coaching.

### Middle School Endorsement

Students meeting certification requirements in Elementary Education or Secondary Education may obtain an endorsement in Middle School Education. The purpose of the endorsement is to prepare teachers with specific skills needed for teaching students in the middle grades 4-8. The endorsement requirements include the successful completion of an internship in grades 4, 5, 6, 7, or 8.

### Secondary Education (SED)

The undergraduate programs in Secondary Education are designed to prepare junior and senior high school teachers (grades 7-12) with:

- 1. A general education program consisting of required courses and electives approved by the student's academic advisor.
- 2. A program of professional studies monitored by the student's academic advisor.
- 3. An academic major in one or more of the major instructional areas of the secondary school curriculum:

biology	history	political science
chemistry	language arts	social studies
English	mathematics	speech communication
general science		

General studies, professional studies, and the academic teaching major are the principal components of the Secondary Education programs. Each of these three is important in the preparation of preservice teachers.

### Special Education (SPE)

Special Education with Endorsement in Mental Retardation (N-12), Mild Learning/Behavior Disabilities (N-12), Early Childhood Special Education (Birth-5 years), or Speech Language Pathology (N-12)

The primary purpose is to prepare teachers with the specific skills needed for teaching children, adolescents, and young adults who have been classified with a specific disability.

The School of Education/School of Liberal Art's **certification program** in Speech-Language Pathology is available only to students who began collegiate study prior to July 1, 1992. Students who began collegiate study after July 1, 1992, should contact the Department of Communication and Dramatic Arts in the School of Liberal Arts if interested in pursuing a **non-certification program** in the area of Speech-Language Pathology.

### Student Affairs Committee

The student who is concerned about student evaluation, advising, recruitment, retention, student welfare, and similar concerns should contact the current chairperson of the Student Affairs Committee of the School of Education as the initial step toward the solution of problems related to the School of Education.



# Description of Courses

## Counselor, Leadership, and Special Education

*Professors Martin, Thomas, and Wright (Head)*

*Associate Professor Flynt*

*Assistant Professors Dyal, Mason, McGhee, Meadows, and Morton*

*Instructor Beale*

## Counselor Education (CED)

### 419. **Fundamentals of Counseling (5). Pr., junior standing.**

This course is designed to survey the major theoretical and practical approaches to counseling. Stress will be placed on the development of specific skills that enable the helper to establish a helping relationship, explore client difficulties, and assist in the process of resolution. Experiential emphasis.

## Special Education (SPE)

### 376. **Survey of Exceptionalities (5). Pr., FED 212 and FED 214.**

A survey of the various exceptionalities, including the etiology, incidence, and methods of teaching exceptional students in special education and general education settings. Laboratory experiences are included.

### 404. **Introduction to Early Childhood Special Education (5). Pr., Admission to Professional Education and SPE 376.**

A survey of current trends and issues surrounding the study of young exceptional children with a specific focus on early intervention from birth through five years of age. The student will be given an overview of the different laws, litigations, assessment procedures, and teaching strategies as well as the growth and development patterns of young exceptional children. The primary focus will be to investigate the best practices and theories utilized for educating young exceptional children. As part of the requirements, observations and visitations will be made in a wide variety of settings such as public schools, private agencies, Head Start, and hospitals. This course may be taught concurrently with SPE 604.

### 405. **Behavior Management of Exceptional Children (5). Pr., SPE 411 or SPE 420 or SPE 430 and admission to Professional Education.**

This course is designed to present the theoretical base and the practical use of formal and informal techniques for the behavior management of exceptional children. Various behavior management perspectives will be presented, with a primary emphasis on behavior modification. This course may be taken concurrently with SPE 605.

### 411. **Characteristics and Nature of Mental Retardation (5). Pr., admission to Professional Education.**

An overview of mental retardation as a social construct, educational label, and special field of study is emphasized. Topics included are definition(s), etiology, classification, and educational and behavioral interventions across the life cycle. Laboratory experiences are included. This course may be taught concurrently with SPE 611.

**412. Mental Retardation: Methods and Materials for Instruction (5). Pr., SPE 411 and admission to Professional Education.**

An analysis and evaluation of methodology and materials appropriate for use in teaching students with mental retardation is emphasized. The development of individualized education programs is included. Laboratory experiences are provided. This course may be taught concurrently with SPE 612.

**420. Characteristics and Nature of Behavior Disorders (5). Pr., admission to Professional Education.**

A comprehensive study of existing theories and instructional programs for students with behavior disorders. Service delivery systems, management techniques, and educational programming are emphasized. Laboratory experiences are included. This course may be taught concurrently with SPE 620.

**425. E, M, R, S (E) Early Childhood Special Education, (M) Mild Learning/Behavior Disabilities, (R) Mental Retardation, (S) Speech Pathology. Professional Internship in Special Education (5-15). Pr., departmental approval.**

Students are placed in public schools for supervised teaching experiences. Students must submit to the director of laboratory programs an application for internship approved by their advisor. Deadlines for submission of applications are as follows: fall quarter-April 30; winter quarter-August 30; spring quarter-December 15.

**430. Characteristics and Nature of Specific Learning Disabilities (5). Pr., admission to Professional Education.**

Existing theories and instructional programs for children with specific learning disabilities. Administrative arrangements, classroom management, individual educational evaluation, and programming are emphasized. Laboratory experiences are provided. This course may be taught concurrently with SPE 630.

**431. Assessment of Exceptional Children (5). Pr., admission to Professional Education, SPE 411 or SPE 420 or SPE 430.**

Interpretation of psychological test results, administration of psycho-educational tests, and design of informal tests for exceptional children with emphasis on utilization of diagnostic information in the writing of individual educational programs. This course may be taught concurrently with SPE 631.

**445. Moderate Mental Retardation (5). Pr., SPE 411, SPE 412, admission to Professional Education.**

A comprehensive study of moderate mental retardation. Community-based programming is emphasized as an element of the philosophy of normalization. Laboratory experiences are included. This course may be taught concurrently with SPE 645.

**451. Methods and Materials for Students with Mild Learning/Behavior Disabilities: Elementary (5). Pr., SPE 411, SPE 420, SPE 430, and admission to Professional Education.**

Emphasis on the need to individualize curriculum and adapt teaching methodology to encompass the varied learning styles of elementary students with mild learning and/or behavior disabilities. This course must be taken concurrently with SPE 459E Practicum in Mild Learning/Behavior Disabilities: Elementary.

- 452. Methods and Materials for Students with Mild Learning/Behavior Disabilities: Secondary (5). Pr., SPE 411, SPE 420, SPE 430, and admission to Professional Education.**  
Emphasis on the need to individualize curriculum and adapt teaching methodology to encompass the varied learning styles of secondary students with mild learning and/or behavior disabilities. This course must be taken concurrently with SPE 459S Practicum in Mild Learning/Behavior Disabilities: Secondary.
- 459. Practicum in Special Education (E) Elementary ML/BD, (R) Mental Retardation, (S) Secondary ML/BD (5-10). Pr., admission to Professional Education.**  
Supervised field experiences in classroom settings with students classified as having mental retardation, learning disabilities, and behavior disabilities.
- 499. Early Childhood Special Education (E), Mild Learning/Behavior Disabilities (M), Mental Retardation (R), Speech Pathology (S), Bachelor's Comprehensive Examination (0). Pr., departmental approval.**

## Early Childhood, Elementary and Reading Education

*Professors Griswold, Warren (Head), and Wolfinger*

*Associate Professor Stockard*

*Assistant Professors Hudson, Mills, Snyder, and Stringer*

*Instructors Baggett and Cravey*

## Early Childhood Education (ECE)

- 407. Guidance of Young Children (5). Pr., FED 212 and FED 214, junior standing and departmental approval.**  
Environmental factors affecting the development of young children in the home, community, and school. Emphasis is given to principles and methods of guidance which enhance the normal or exceptional child's development of a positive self-image, and methods of promoting affective development during the early years. Observation and participation are included. This course may be taught concurrently with ECE 607.
- 408. Working with Parents of Young Children (5). Pr., FED 212 and FED 214, junior standing, and departmental approval.**  
Principles of working with parents individually and in groups. Emphasis is given to appropriate techniques for working with parents of exceptional children and children from economically and culturally diverse backgrounds. This course may be taught concurrently with ECE 608.
- 421. Introduction to Early Childhood and Logical Activities (5). Pr., FED 212, FED 214, and departmental approval.**  
A study of the field of early childhood education with an emphasis on the role of the teacher and the pre-primary curriculum found in various types of programs as well as logical learning activities in the areas of math and science appropriate for the educational development of the normal or exceptional young child. Observation, simulated teaching exercises, and other selected learning experiences are included. May be taught concurrently with ECE 621.

**422. Creative Activities in Early Childhood Education (5). Pr., FED 212 and FED 214 and departmental approval.**

A study of creative learning activities in the areas of language arts, social studies, movement, music, and visual arts for the pre-primary curriculum appropriate for the educational development of the normal or exceptional young child. Observations, simulated teaching exercises, and other selected learning experiences are included.

May be taught concurrently with ECE 622.

**459. Practicum in Early Childhood Education (3-10). Pr., admission to Professional Education, ECE 421, ECE 422, ECE 407 and ECE 408, or to be taken concurrently, and departmental approval.**

A course designed to provide clinical experiences with normal or exceptional pre-first grade children under close professional guidance. Observation and participation in the classroom and appropriate agencies are required.

**499. Bachelor's Comprehensive Examination (0). Pr., departmental approval.**

## Elementary Education (EED)

**301. Methods of Teaching Elementary Language Arts (5). Pr., admission to Professional Education.**

Curriculum, methods, and materials related to teaching language arts in grades one through six are emphasized. Students plan, present, and evaluate activities and resources in the areas of oral and written language. Field experiences are provided.

**302. Methods of Teaching Elementary Social Studies (5). Pr., admission to Professional Education.**

Curriculum, methods, and materials related to teaching social studies in the elementary school are emphasized. Preparation, organization and utilization of materials, unit planning, and lesson presentations are included. Field experiences are provided.

**304. Teaching Creative Arts in the Elementary School (5). Pr., junior standing.**

Methodology of teaching music and art to elementary children. Teaching techniques, methods, and materials especially related to elementary school settings are studied and evaluated.

**350. Relationship Skills in Diverse Environs (5). Pr., admission to Professional Education.**

Required of all elementary students completing the teacher education program. Introduces concepts of multicultural education and strategies for teaching these concepts in elementary schools. Course work emphasizes effective relationship skills and management techniques designed to enhance the total development of school students. Stress will be placed on conceptual and practical familiarity with specific techniques and approaches.

**401. Methods of Teaching Elementary Science (5). Pr., admission to Professional Education.**

Teaching techniques and materials used in teaching science are emphasized. Students are actively involved in the use of materials. Particular emphasis will be placed on the use of process in teaching science content. Field experiences are provided.

**402. Methods of Teaching Elementary Mathematics (5). Pr., admission to Professional Education, MH 291, and MH 292.**

Curriculum, methods, and materials related to teaching mathematics in the elementary school are emphasized. Students are actively involved in the use of materials. Particular emphasis will be made on discovery approaches to teaching mathematics concepts. Field experiences are provided.

- 425. Professional Internship in Elementary Education (5-15). Pr., departmental approval.**  
Students are placed in public schools for supervised teaching experiences. Students must submit to the director of laboratory programs an application for internship approved by their advisor. Deadlines for submission of applications are as follows: fall quarter-April 30; winter quarter-August 30; spring quarter-December 15.
- 499. Bachelor's Comprehensive Examination (0). Pr., departmental approval.**

## Reading Education (RED)

- 090. Developmental Reading (5). Pr., none.**  
Instruction and practice are given in key reading skills necessary for successful study and comprehension of college reading material. Credit for this course is in addition to minimum degree requirements.
- 315. Methods of Teaching Reading (5). Pr., admission to Professional Education.**  
Techniques, methods, and materials of developmental reading instruction are analyzed. The reading process and reading skill strands are examined. Varied approaches to the teaching of reading are emphasized. Field experiences are provided.
- 415. Teaching Reading with Children's Books (5). Pr., admission to Professional Education, junior standing, and RED 315.**  
A literature approach to the teaching of reading is emphasized. Diagnosis, techniques for meeting individual needs and interests in reading, and a wide variety of reading materials and media are examined. Field experiences are provided. May be taught concurrently with RED 615.
- 416. Reading in the Content Areas (5). Pr., admission to Professional Education.**  
Effective reading instruction in content areas is discussed. Emphasis is on materials and techniques for the teaching of critical reading skills relating to content areas of the middle, junior high, and high school. This course may be taught concurrently with RED 616.

## Foundations, Secondary, and Physical Education

*Professors Boyer, Brown (Head), Deaton, Simpson,  
and Williford (Distinguished Research Professor)  
Associate Professors Alexander, Braswell, Gibbons, Hackel, and Olson  
Assistant Professors Fogg, Gilchrist, Riley, and Ulveland*

## Educational Foundations (FED)

- 104. Introduction to Professional Education (5). Lec. 4, Lab 1.**  
Required of all students completing the teacher education program and essential for those who have not yet decided upon a career in education. Specific attention is given to the organization, financing, and administration of public and private education. The professional and legal aspects of teaching include civil liability, current trends, and issues. Career opportunities are also addressed. Students are introduced to the teacher education program through a supervised exploratory field experience within a school setting.

**200Z. Media Instructional Aideship (2). Pr., permission of SNEA advisor and teacher in residence.**

This course will provide selected students with advanced training in the uses of and operational procedures for instructional media. All class work and labs will meet on Fridays.

**212. Child and Adolescent Growth and Development (5). Lec. 4, Lab. 1. Pr., FED 104, EH 102.**

Provides an analysis of the function of the teacher and the school in directing, measuring, and evaluating individual growth and development from birth through adolescence. Field experiences are required.

**214. Psychological Foundations of Education (5). Lec. 4, Lab. 1. Pr., FED 104, EH 102.**

Required of all students completing the teacher education program. Taken prior to admission to Professional Education. The psychological dimensions of the education process as well as the conditions under which learning occurs, the evaluation of learning, and related teaching methods are examined. Field experiences are provided.

**254. Abusive Substances (5). Pr., departmental approval.**

A study of the use and misuse of psychoactive chemical substances. Major focuses of this course are directed toward primary and secondary prevention and intervention techniques. Additionally, the pharmacology of psychoactive drugs, the legal aspects of drug use and trafficking, health behaviors and physical fitness, values clarification, and alternatives to drug-related behaviors are discussed.

**400. Historical and Philosophical Foundations of Education (5). Pr., admission to Professional Education.**

Required of all students completing the teacher education program. Analyzes the historical role of the school and the major philosophical ideas influencing its development in American culture.

**454. Drug Education (5). Pr., junior or senior standing.**

An interdisciplinary course designed to initiate primary prevention and early intervention methods, through education, both affectively and cognitively, in substance use/misuse and abuse. The pharmacology, legality, rehabilitation, counseling aspects, physical and mental fitness, and alternatives to substance use/misuse and abuse are addressed. (Same as SY 425.) This course may be taught concurrently with FED 654 and SY 425/625.

**470. Computer Literacy (5). Pr., none.**

This course is designed to provide an overview of the materials and skills needed to use microcomputers effectively in an educational setting. Students will become familiar with the use of new technologies and the programming languages most often used in educational settings.

**490. Measurement and Evaluation in Teaching (5). Pr., admission to Professional Education.**

Methods, procedures, and evaluative instruments for determining teaching effectiveness, pupil learning, and attainment of educational goals in cognitive, psychomotor, and affective areas are studied. Required of all students completing the teacher education program. This course may be taught concurrently with FED 690.

## Middle School Education (MSE)

**415. Teaching in the Middle School (5). Pr., admission to Professional Education.**

This course is designed to familiarize both elementary and secondary pre-service teachers in instructional strategies, media, and materials for effective teaching in the middle school. Attention is given to the special needs of the emerging adolescent. Laboratory experiences are provided. Ordinarily offered as a block with MSE 420.

**420. Middle School Curriculum Design (5). Pr., admission to Professional Education.**

This course is designed to familiarize both elementary and secondary pre-service teachers with theory and application of curriculum development appropriate for the middle school. Attention is given to the special needs of the emerging adolescent. Laboratory experiences are provided. Ordinarily offered as a block with MSE 415.

## Secondary Education (SED)

**350. Relationship Skills in Diverse Environs (5). Pr., admission to Professional Education.**

Required of all secondary students completing the teacher education program. Introduces concepts of multicultural education and strategies for teaching these concepts in secondary schools. Course work emphasizes effective relationship skills and management techniques designed to enhance the total development of school students. Stress will be placed on conceptual and practical familiarity with specific techniques and approaches.

**405. Teaching in Secondary Schools (5). Pr., FED 470, SED 350, admission to Professional Education.**

Required of all students in secondary education. Attention is given to instructional methods, the learning process, and evaluation of learning. Laboratory experiences are provided. Ordinarily offered as a block with SED 410.

**410. Program in Secondary School (5). Pr., FED 470, SED 350, admission to Professional Education.**

Required of all students in secondary education. Attention is given to the high school curriculum in the various academic fields. Laboratory experiences are provided. Ordinarily offered as a block with SED 405.

**425. Professional Internship in Secondary Education (15). Pr., admission to Internship.**

Students are placed in public schools for supervised teaching experiences. Students must submit an application for internship approved by their advisor to the director of laboratory programs. Deadlines for submission of applications are as follows: fall quarter-April 30; winter quarter-August 30; spring quarter-December 15.

**499. Bachelor's Comprehensive Examination (0). Pr., departmental approval.**

## Education—General (EDN)

**090. Study Skills for College Success (2). Pr., none.**

Instruction and practice are given in key study skills necessary for successful academic pursuits. Open to all students regardless of academic major. Credit for this course is in addition to minimum degree requirements.



**101. Career Planning and Occupational Choice (2).**

An investigation of careers, the world of work, and the career planning process. Skill identification, job search process, and interviewing techniques are included. Open to all students regardless of academic major and career objective.

**451. Workshop in Education (1-10).**

Content to be determined for special workshops. This course may be taught concurrently with EDN 651.

**455. Introduction to LOGO and BASIC for Educators (5). Pr., departmental approval.**

A course designed to introduce the fundamentals of programming in both LOGO and BASIC. Emphasis is placed on developing the programming skills necessary to utilize both LOGO and BASIC in an educational setting. May be taught concurrently with EDN 655.

**459. Practicum in Education (1-5).**

Independent directed study or field experience to be determined. This course may be taught concurrently with EDN 659.

## N-12 Internships and Comprehensive Examinations

**ATE 425. Professional Internship in Art Education (15). Pr., admission to Internship.**

Students are placed in both public elementary and secondary settings to participate in supervised teaching experiences. Students must submit an application for internship approved by their advisor to the director of laboratory programs. Deadlines for the submission are as follows: fall quarter-April 30; winter quarter-August 30; spring quarter-December 15.

**ATE 499. Bachelor's Comprehensive Examination (0). Pr., departmental approval.****PE 425. Professional Internship in Physical Education (15). Pr., admission to Internship.**

Students are placed in both public elementary and secondary settings to participate in supervised teaching experiences. Students must submit an application for internship approved by their advisor to the director of laboratory programs. Deadlines for submission are as follows: fall quarter-April 30; winter quarter-August 30; spring quarter-December 15.

**PE 499. Bachelor's Comprehensive Examination (0). Pr., departmental approval.****SCE 425. Professional Internship in Speech Communication Education (15). Pr., admission to Internship.**

Students are placed in both public elementary and secondary settings to participate in supervised teaching experiences. Students must submit an application for internship approved by their advisor to the director of laboratory programs. Deadlines for submission are as follows: fall quarter-April 30; winter quarter-August 30; spring quarter-December 15.

**SCE 499. Bachelor's Comprehensive Examination (0). Pr., departmental approval.**

## Physical Education (PE)

### Professional Theory Courses

**115. Foundations of Health and Physical Education (5).**

An introductory course to orient the student to the field of health and physical education. The course includes an overview of the history, principles, and philosophy of the profession. Emphasis is placed on concepts of learning and education, health and recreation, athletics, professional organization, professional literature, and physical education as a career.



- 200. Introduction to Theory and Techniques of Teaching and Coaching Sports Skills (5).**  
An introductory course designed to develop expertise in the organization of teaching and coaching of sports skills. Emphasis is placed on theory, methods, and effective techniques of teaching and coaching sports skills. Unit, lesson, and coaching plan construction as well as evaluation techniques will be stressed. Legal liabilities relating to physical education and coaching will be discussed.
- 203. Theory and Techniques of Teaching Football, Soccer, and Track and Field (3). Pr., PE 200.**  
A course designed to develop professional expertise in the organization and teaching of football, soccer, and track and field. Emphasis is placed on theory, methods, and effective techniques of teaching sports skills. Evaluation techniques for measuring knowledge and skills in these sports will also be stressed.
- 204. Theory and Techniques of Teaching Basketball, Badminton, and Volleyball (3). Pr., PE 200.**  
A course designed to develop professional expertise in volleyball. Emphasis is placed on theory, methods, and effective techniques of teaching sports skills. Evaluation techniques for measuring knowledge and skills in these sports will also be stressed.
- 205. Theory and Techniques of Teaching Exercise, Aerobics, and Weight Training (3). Pr., PE 200.**  
A course designed to develop professional expertise in the organization and teaching of exercise, aerobics, and weight training classes. Emphasis is placed on body mechanics, diet, nutrition, and their relationship to exercise. Students are taught to evaluate fitness and body composition levels and prescribe programs to improve these levels.
- 206. Theory and Techniques of Coaching Football (3). Pr., PE 200.**  
A course designed to develop professional expertise in the theory and techniques of coaching. Emphasis is placed on the organization and administration of coaching duties involving conditioning, practice schedules, scouting, evaluation of performance, audiovisual aids, insurance programs, public relations, crowd control, care and prevention of athletic injuries, and psychology of squad management. The design and development of offensive and defensive patterns of play suited to the specific talents and abilities of available personnel are included. The student is encouraged to develop a philosophy of coaching and an understanding of the place of athletics and their contributions to the profession of physical education.
- 207. Theory and Techniques of Coaching Basketball (3). Pr., PE 200.**  
A course designed to develop professional expertise in the theory and techniques of coaching. Emphasis is placed on the organization and administration of coaching duties involving conditioning, practice schedules, scouting, evaluation of performance, audiovisual aids, insurance programs, public relations, crowd control, care and prevention of athletic injuries, and psychology of squad management. The design and development of offensive and defensive patterns of play suited to the specific talents and abilities of available personnel are included. The student is encouraged to develop a philosophy of coaching and an understanding of the place of athletics and their contributions to the profession of physical education.

**208. Theory and Techniques of Coaching Soccer (3). Pr., PE 200.**

A course designed to develop professional expertise in the theory and techniques of coaching. Emphasis is placed on the organization and administration of coaching duties involving conditioning, practice schedules, scouting, evaluation of performance, audiovisual aids, insurance programs, public relations, crowd control, care and prevention of athletic injuries, and psychology of squad management. The design and development of offensive and defensive patterns of play suited to the specific talents and abilities of available personnel are included. The student is encouraged to develop a philosophy of coaching and an understanding of the place of athletics and their contributions to the profession of physical education.

**209. Theory and Techniques of Coaching Baseball (3). Pr., PE 200.**

A course designed to develop professional expertise in the theory and techniques of coaching. Emphasis is placed on the organization and administration of coaching duties involving conditioning, practice schedules, scouting, evaluation of performance, audiovisual aids, insurance programs, public relations, crowd control, care and prevention of athletic injuries, and psychology of squad management. The design and development of offensive and defensive patterns of play suited to the specific talents and abilities of available personnel are included. The student is encouraged to develop a philosophy of coaching and an understanding of the place of athletics and their contributions to the profession of physical education.

**210. Theory and Techniques of Coaching Volleyball (3). Pr., PE 200.**

A course designed to develop professional expertise in the theory and techniques of coaching. Emphasis is placed on the organization and administration of coaching duties involving conditioning, practice schedules, scouting, evaluation of performance, audiovisual aids, insurance programs, public relations, crowd control, care and prevention of athletic injuries, and psychology of squad management. The design and development of offensive and defensive patterns of play suited to the specific talents and abilities of available personnel are included. The student is encouraged to develop a philosophy of coaching and an understanding of the place of athletics and their contributions to the profession of physical education.

**211. Officiating Major Sports (3).**

This course is an in-depth study of rules and rule interpretation of volleyball and basketball. Emphasis is placed on proper mechanics and judgment in officiating. This course will assist students in becoming certified to officiate volleyball and basketball.

**280. Psychology of Coaching (5).**

A course designed to introduce the professional student to the psychological aspects of teaching and coaching. Attention will also be given to the effect of sports on society, crowd control, and the individual athlete. Current issues of physical education and athletics will be included.

**304. Theory and Techniques of Teaching Tennis, Golf, and Archery (3). Pr., PE 200.**

A course designed to develop professional expertise in the organization and teaching of tennis, golf, and archery classes. Emphasis is placed on theory, methods, and effective techniques of teaching sports skills. Evaluation techniques for measuring knowledge and skills in these sports will also be stressed.

- 305. Theory and Techniques of Teaching Gymnastics and Dance (3). Pr., PE 200.**  
A course designed to develop professional expertise in the organization and teaching of gymnastics and dance classes. Emphasis is placed on the various aspects of tumbling and apparatus in gymnastics and several dance forms, including modern, folk, square, and ballroom dancing. Students are taught to evaluate skills and proper form in these activity areas.
- 311. Officiating Major Sports II (3).**  
This course is an in-depth study of rules and rule interpretation of football and softball. Emphasis is placed on proper mechanics and judgment in officiating. This course will assist students in becoming certified to officiate football and softball.
- 385. Principles of Recreation (5).**  
A course designed to orient the student to the field of recreation and to guide him/her in establishing a philosophy of recreation and leisure. Emphasis is placed on the planning and development of recreation areas, facilities, and programs. Theories of play and the meaning of leisure are included along with public relations, financing, and liability.
- 400. Physiology of Exercise (5). Pr., BI 209 and PE 404.**  
A course designed to study the physiological changes which occur in the body during muscular activity. The areas that will be of major consideration are energy sources, muscular strength, endurance, and motor learning. Heat balance, the cardiorespiratory system, and the various means of physiological testing will also be included.
- 401. Cardiac Rehabilitation (5). Pr., PE 400, BI 209/210.**  
This course will emphasize the theories, programming, and procedures in the rehabilitation of adults with cardiovascular disease. Students will acquire academic and practical experience concerning the nature of cardiovascular disease, exercise prescription, and therapeutic progressions.
- 402. Elementary Methods in Health and Physical Education (N-6) (5). Pr., admission to Professional Education.**  
A course designed to provide the professional undergraduate student with the skills necessary to properly organize, conduct, and evaluate health and physical education programs for students in grades N-6. Emphasis will be placed on curriculum design, yearly planning, unit planning, and daily lesson planning, as well as sound teaching strategies. In addition, emphasis will be placed on measurement and evaluation of learning, management of facilities and equipment, and the creation of the proper learning environment. Laboratory experiences are provided.
- 403. Secondary Methods in Physical Education (7-12) (5). Pr., Professional Education.**  
A course designed to provide the professional physical education student with the skills necessary to properly organize, conduct, and evaluate physical education programs for students in grades 7-12. Emphasis will be placed on curriculum design, yearly planning, unit planning, and daily lesson planning, as well as sound teaching strategies. In addition, emphasis will be placed on measurement and evaluation of learning, management of facilities and equipment, and the creation of the proper learning environment. Current issues and trends in secondary physical education will also be discussed. Laboratory experiences are provided.

- 404. Kinesiology (5). Pr., BI 209 or BI 210.**  
The science of human movement. The study of human anatomy and basic principles of physiology are included. Emphasis is placed on mechanical principles and the relationship of human movement to performance.
- 405. Perceptual Efficiency and Motor Development in Children (5).**  
The course is designed to acquaint the student with perceptual-motor functioning in the child. Measurement and evaluation of perceptual-motor efficiency will be included. The neurological structure of the human organism as it relates to learning will be included along with an emphasis on motor development of children in grades K through 6.
- 410. Professional Leadership in Physical Education (5). Pr., junior standing or departmental approval.**  
A course designed to offer opportunities for such training protocols as peer-teaching, micro-teaching, team teaching, teaching observation, and participation. The students utilize not only their own peer group but also public school students in their laboratory experiences. This course is offered to strengthen the student in teaching methodology and to provide further field experiences to enhance the development of professional leadership in HPER.
- 415. Adult Fitness (5).**  
The purpose of this course will be to provide the student with knowledge and experience in the area of adult physical fitness. A scientific approach will be utilized to investigate the principles related to the development of an adult physical fitness program. Emphasis will be placed on the assessment of physical fitness, the development of individual fitness prescriptions, and the prevention of hypokinetic disease.
- 416. Adapted Programs in Physical Education (5). Pr., PE 200, junior standing or departmental approval.**  
A course designed to guide the student in the development of adaptive and corrective programs to meet the needs of exceptional children. Emphasis is placed on the physical, mental, social, and emotional characteristics of exceptional children. The identification and diagnosis of various discrepancies are also included.
- 418. Tests and Measurements in Physical Education (5). Pr., Professional Education or departmental approval.**  
The study of tests and measurements currently used in the field. Attention is also given to elementary statistical procedures and grading in physical education.
- 420. Organization and Administration of Physical Education (5). Pr., Professional Education or departmental approval.**  
A course designed to present the various organizational and administrative structures, principles, and philosophies in the field of health and physical education. The planning and construction of physical facilities are included.
- 422. Problems and Issues in Physical Education (5). Pr., departmental approval, junior level.**  
Independent study to provide research oriented experiences in the investigation of issues and problems in the field of HPE.
- 430. Professional Internship (Non-School) (15). Pr., departmental approval.**  
Students will be placed in a non-school setting, such as corporate fitness programs, recreation programs, coaching, physical rehabilitation, or other professional areas. The assignment will be made in cooperation with the instructor and the field agency. After completion of the course the student will receive a letter grade.

- 468. Diagnostic and Prescriptive Teaching in Adapted Physical Education (5).**  
This course is designed to prepare the student to deal with the physiological discrepancies that affect learning. The course will also train the student to prescribe individual education programs to remediate such discrepancies.
- 497. Fundamentals of Athletic Training (5). Pr., sophomore standing or departmental approval and BI 209.**  
A course designed to guide the student in organizing and administering an athletic training program, mental readiness of competition, drug abuse, principles of physical fitness, nutrition, and physical therapy. Attention is also given to fitting and maintaining professional equipment, taping, conditioning, and first aid.
- 499. Bachelor's Comprehensive Examination (0). Pr., departmental approval.**

### Professional Activity Courses

- 104. American Folk and Square Dance (2).**  
A course designed to present vigorous and challenging rhythmic activities in a coeducational situation emphasizing traditional and cultural relationships. Emphasis is placed on fundamental skills, knowledge, and appreciation.
- 105. Modern Dance (2).**  
A course designed to provide the student with opportunities for education, analysis, and performance experiences in the contemporary art form through creative movement. Emphasis is placed on the assessment of fundamental dance movements and techniques.
- 106. Social Dance (2).**  
A course designed to present vigorous and challenging rhythmic activities in a coeducational situation emphasizing traditional and cultural relationships. Emphasis is placed on fundamental skills, knowledge, and appreciation.
- 107. Aerobic Dance (2).**  
A course designed to present vigorous exercise through dance activities. Students will be offered an alternative to traditional fitness programs by learning the correct way to use dancing as an avenue to fitness. Principles of conditioning will also be included in the course.
- 109. Beginning Swimming (2).**  
The purpose of this course is to develop the knowledge and skill in aquatics which will develop the student to a sufficient level to support a recreational interest and to assure the student's own safety.
- 110. Intermediate Swimming (2). Pr., PE 109.**  
The purpose of this course is to provide the student with the necessary instruction to improve upon the minimum aquatics skills that were developed in beginning swimming.
- 111. Life Saving Training (2). Pr., proficiency in swimming.**  
A course designed to further the student's instruction in swimming safety. Emphasis will be placed on rescue procedures and water safety rules. The American Red Cross Life Saving Certificate will be awarded to the student upon completing the course. A nominal fee is charged for facility use.

- 112. Life Saving Training Instructor (2). Pr., Life Saving Training.**  
A course designed to further a student's instruction in life saving. Emphasis will be placed on knowledge and skills beyond the scope of Senior Life Saving, certifying students to conduct water safety courses in schools and communities. A nominal fee is charged for facility use.
- 126. Touch Football (2).**  
A course designed to introduce the student to the basic elements in the game of touch football. Included are a basic history of the sport, rules of the game, and offensive and defensive patterns of play. Emphasis is placed on development of the basic skills of running, passing, punting, and receiving.
- 128. Soccer (2).**  
A course designed to introduce the student to the basic elements in the game of soccer. The course will include a basic history of the sport along with the fundamental rules governing it. Safety precautions and the proper use, selection, and care of equipment are included. Emphasis is placed on the development of fundamental skills, knowledge, and appreciation.
- 130. Volleyball (2).**  
A course designed to introduce the student to the basic elements of volleyball. The course will include a basic history of the sport along with the fundamental rules governing it. Safety precautions and the proper use, selection, and care of equipment are included. Emphasis is placed on the development of fundamental skills, knowledge, and appreciation.
- 132. Softball (2).**  
A course designed to introduce the student to the basic elements of softball. Included are the basic history of the game, rules, and offensive and defensive patterns of play. Emphasis is also placed on the development of fundamental skills, knowledge, and appreciation.
- 136. Basketball (2).**  
A course designed to introduce the student to the basic elements of basketball. A basic history of the sport along with offensive and defensive patterns of play and safety precautions are included. Emphasis is placed on the development of fundamental skills, knowledge, and appreciation.
- 154. Badminton (2).**  
A course designed to introduce the student to the basic elements of badminton. The course will include a basic history of the sport along with the fundamental rules governing it. Safety precautions and the proper use, selection, and care of equipment are included. Emphasis is placed on the development of fundamental skills, knowledge, and appreciation.
- 156. Archery (2).**  
A course designed to introduce the student to the basic elements of archery. The course will include a basic history of the sport along with the fundamental rules governing it. Safety precautions and the proper use, selection, and care of equipment are included. Emphasis is placed on the development of fundamental skills, knowledge, and appreciation.
- 158. Bowling (2).**  
A course designed to introduce the student to the basic elements of bowling. A basic history of the sport, etiquette, rules and scoring, selection and care of equipment, and styles of bowling are included. Emphasis is placed on the development of fundamental skills, knowledge, and appreciation. A nominal fee is charged for facility use.

- 159. Golf (2).**  
A course designed to introduce the student to the basic elements in the game of golf. Included are a basic history of the game, course etiquette, selection and care of equipment, rules, scoring of the game, and strategies of play. Emphasis will be placed on the use of the various clubs along with the fundamental skills, knowledge, and appreciation.
- 163. Beginning Tennis (2).**  
A course designed to introduce the student to the basic elements in the game of tennis. The course includes a basic history of the game, court etiquette, selection and care of equipment, rules, scoring of the game, and patterns of play. Emphasis is placed on the basic skills, knowledge, and appreciation.
- 164. Intermediate Tennis (2).**  
A course designed to aid the student in continuing the development of a lifetime sport skill. The course includes instruction on the forehand and backhand strokes, the service net play, special shots, patterns of play, strategies, and tournament play. A student should have considerable play experience or have taken a beginning tennis course before registering for this course.
- 165. Self-Defense (2).**  
A course designed to develop the skill and the knowledge of self-defense activities so that students will have confidence in their ability to defend themselves in all situations.
- 168. Racquetball (2).**  
A course designed to introduce the student to the basic elements of racquetball. The course will include a basic history of the sport along with the fundamental rules governing it. Safety precautions along with the proper use, selection, and care of equipment are included. Emphasis is placed on the development of fundamental skills, knowledge, and appreciation. A nominal fee is charged for facility use.
- 169. Intermediate Racquetball (2).**  
A course designed to aid the student in continuing the development of a lifetime sport skill. The course includes instruction at the intermediate level of play, safety, and conditioning. A student should have considerable playing experience or have taken a beginning racquetball course before registering for this course. A nominal fee is charged for facility use.
- 172. Exercise and Fitness for Life (2).**  
A course providing guidance in selecting and implementing basic conditioning and training programs, including weight control. Attention is given to special problems and planning of individual programs to meet specific needs. Emphasis is placed on body mechanics and efficiency of movement.
- 172Z. Cheerleading (2). Pr., departmental approval.**  
Credit may be earned only once for this activity during the student's four-year undergraduate tenure.
- 173. Exercise and Weight Control (2).**  
A course in which fitness and conditioning programs are developed according to individual needs and limitations. Emphasis is placed on nutrition, caloric intake and output, and the development of desirable exercise habits.



**174.     Gymnastics (2).**

A course designed to introduce the student to the basic elements of gymnastics. The course will include a basic history of the sport along with the fundamental rules governing it. Safety precautions and the proper use, selection, and care of equipment are included. Emphasis is placed on the development of fundamental skills and on the various pieces of gymnastic apparatus.

**175.     Wrestling (2).**

A course designed to introduce the student to the basic elements of wrestling. The course will include a basic history of the sport along with the fundamental rules governing it. Safety precautions and the proper use, selection, and care of equipment are included. Emphasis is placed on the development of fundamental skills, knowledge, and appreciation of the sport of wrestling.

**176.     Advanced Gymnastics (2). Pr., PE 174.**

A course designed to aid the student in continuing the development of gymnastics skills. The course includes instruction at the advanced level, safety, and conditioning. A nominal fee is charged for facility use.

**177.     Weight Training (2).**

A course designed to introduce the student to the basic principles of weight lifting. The course includes descriptions of programs emphasizing specific exercises and routines to gain strength and maintain fitness. Emphasis is placed on diet, equipment, and safety.

**180.     Fundamentals of Dance (2).**

This course is designed for majors in physical education and those students interested in the field of dance. Basic dance theories and methods are taught.

**190.     Varsity Basketball (2). Pr., departmental approval.**

Credit may be earned only once for this activity during the student's four year undergraduate tenure.

**192.     Varsity Tennis (2). Pr., departmental approval.**

Credit may be earned only once for this activity during the student's four year undergraduate tenure.

**193.     Varsity Soccer (2). Pr., departmental approval.**

Credit may be earned only once for this activity during the student's four year undergraduate tenure.

**194.     Varsity Baseball (2). Pr., departmental approval.**

Credit may be earned only once for this activity during the student's four year undergraduate tenure.

## Health Education (HE)

**213.     Health and Physical Education in the Elementary School (5). Pr., sophomore standing or department approval, Professional Education.**

A course designed to develop expertise in methods of teaching health education and physical education in elementary schools. Content appropriate for each grade level is emphasized. Methods of evaluation are included.

**290.     Teaching Health in the Elementary School (5).**

This course is structured to provide a study of health concepts to be taught in the elementary school. Content, unit structure, lesson plans, and methodology are areas to be given major consideration. The lab experiences will be directly related to the class lecture to provide for practical application.



**295. School and Community Health Science (4-5).**

A course designed to guide the student in developing health concepts as they relate to himself or herself, the school, and the community. Health problem analysis, school health program development, and the use of community services will be stressed.

**395. Emergency Medical Care (3).**

This course is designed to stress the methods of giving first aid in case of accident or illness. This course is also designed to guide the student in promoting safety consciousness for accident prevention. An in-depth knowledge of emergency first aid procedures with special emphasis on practical applications and CPR techniques is included. Each student will be issued his/her CPR certification after completing the course.

**425. Nutrition for the Physically Active (5).**

A course designed to provide nutritional information for those engaged in athletics. It will also assist others who are physically active or desire to initiate a personalized exercise program.

**426. Consumer Health (5).**

This course is designed to give the student useful guidelines and principles related to the selection and use of health products and services.



# School of Liberal Arts

*Dr. Robbie Jean Walker, Interim Dean*

Anthropology

English

Fine Arts

Foreign Language

Geography

History

International Studies

Mass Communication

Music

Philosophy

Pre-Social Work

Sociology

Speech Communication

Speech-Language

Pathology and Audiology

Theatre

# School of Liberal Arts

Nearly all educated men and women would agree that the graduates of a school of liberal arts, whatever their specializations, should know enough about their world to live, in humanistic terms, to the fullest of their potential as intellectual, social, and ethical beings. Therefore, these graduates should have encountered ideas and values that are a part of their culture and against which they will measure experiential reality. It is a commonplace that educated men and women should know something about the foundations of their culture; should overcome geographical provincialism through a knowledge of cultures other than their own; should be conversant with the best that has been thought and said in Western culture so as to be able to formulate their own philosophical constructs; should be able to express themselves clearly in their own language, both in speech and in writing; should be familiar with basic scientific and analytical methods as they are specifically applied to the disciplines of mathematics and the natural and physical sciences; and should cultivate a knowledge and appreciation of aesthetics through exposure to the fine arts.

The Liberal Arts requirements at AUM reflect these assumptions about the fundamentals of education and are designed to offer a plan of study that will ensure the student's exposure to many of the academic disciplines which provide a basic context for the liberally educated man or woman.

## Majors

A student who is undecided about a major may delay declaring one until the end of the fifth quarter of study. Before declaring a major, a student will identify his or her curriculum by the symbol GCA (General Curriculum-Arts). As soon as a student is reasonably certain of his or her chosen field of study, however, he or she should declare a major and identify it by the following appropriate degree symbol:

BLA	Bachelor of Liberal Arts	COM	Communication
EH	English	FA	Fine Arts
HY	History	SY	Sociology
IN	International Studies		

In all curricula within the School of Liberal Arts, the major consists of a minimum of 35 hours (see departmental requirements), a minor of 20 hours (except foreign language), and, in addition to the requirements of the University Liberal Education Program, sufficient electives to ensure the completion of 200 quarter hours of course work. All degree programs in the School of Liberal Arts require 200 hours for completion. All courses in a student's major must be numbered 200 or above.

## Special Requirements for Majors

The University requires that students complete all courses identified in the major field of study with a cumulative GPA of at least 2.0 ("C") and a 2.0 ("C") average in English Composition courses. Since each of the departments within the School of Liberal Arts has specific requirements for its majors and since these requirements will vary significantly from one department to another, it is imperative that students consult with their advisors in the department of their major field of study early in their college career and on a regular basis thereafter. After a student has designated a particular area as a major field of study, he or she will be assigned an advisor in the appropriate department; and this advisor is responsible for working with the student to ensure that his or her program meets departmental requirements. It is, however, the responsibility of all students to meet with their advisors on a regular basis.

## Minors

All majors in the School of Liberal Arts must complete a minor consisting of 20 hours normally in courses numbered 200 or above. Courses used for the minor must be in addition to all other curriculum requirements. Except for the Southern Studies minor, a student may not major and minor in the same field. All majors in Liberal Arts are advised to consider a minor from a school other than Liberal Arts.

The following disciplines in Liberal Arts function only as minor areas of study:

**The English Writing and Editing Minor (EWE).** A minor will consist of 20 hours from a selected group of English courses in writing, editing, language, and style: EH 303 Technical Writing, EH 305 Advanced Expository Writing, EH 306 Business and Professional Writing, EH 307 Topics in English Language and Linguistics, EH 403 Technical Writing, EH 404 Special Topics in Research and Writing, EH 405 Advanced English Grammar, EH 406 Rhetoric and Style, EH 407 History of the English Language, EH 409 Writing Across the Curriculum, EH 410 Editing and Editors, and EH 411 Internship in Writing and Editing. No courses taken to fulfill the requirements of this minor may count as required or elective credit in the English major.

**The Film Studies Minor (TH).** A minor will consist of 20 hours from TH 305 American Film 1914–1950, TH 310 American Film 1950–Present, TH 315 British Film, TH 320 European Cinema, or TH 325 Special Topics in Film Studies.

**The Foreign Language Minor (INF, ING, or INS).** A minor will consist of 30 hours in one language.

**The Geography Minor (GY).** A minor will consist of 20 hours of geography at the 200 level or above.

**The Music Minor (MU).** A minor will consist of 20 hours of music at the 200 level or above. Five hours' credit in performing ensembles and independent study in applied music may be counted toward a Music Minor.

**The Philosophy Minor (PH).** A minor will consist of 20 hours of philosophy at the 200 level or above.

**The Religious Studies Minor (RS).** Students may earn a multidisciplinary minor by completing 20 hours of designated courses in English, history, international studies, philosophy, and sociology: EH 335 Literature and Myth, EH 336 The Bible as Literature, EH 413 Studies in Mythology, HY 412 The American Religious Experience, IN 450 Social History of Religion in Europe, PH 320 Philosophy of Religion, PH 332 Medieval Philosophy, SY 452 Sociology of Religion. The 20 hours must be taken in at least two departments. Topics courses may be counted with the approval of the student's department.

**The Southern Studies Minor (SS).** This minor conjoins courses from the fields of history, English, sociology, geography, anthropology, and government. The Southern Studies minor consists of 20 hours selected from the following courses: HY 305 The Civil War and Reconstruction, HY 401 The American South to 1877, HY 402 The American South Since 1877, HY 405 The History of Alabama, ANT 212 Introduction to Archaeology, EH 477 Studies in Southern Literature, GY 361 Geography of the South, SY 430 Minority Groups, and PO 450 Southern Politics.

**The Women's Studies Minor (WS).** This multidisciplinary minor consists of 20 hours, including SY 312 Women and Culture plus 15 additional hours in courses at the 200 level or above drawn from the fields of history, psychology, sociology, and English, among others, and approved by the Women's Studies advisor.

## English Composition Placement

The English Department requires a placement test on English usage that serves as a basis for determining students' placement in English composition courses. Students must take this test prior to registering for freshman composition. Placement tests are given each quarter prior to preregistration and at New Student Orientation.

## Advanced Placement

Both the disciplines of English and Foreign Languages have advanced placement programs. Advanced placement credit in English Composition I is available to students with appropriate scores on the College Board Advanced Placement Examination in English. For information about advanced placement in English, consult the head of the Department of English or the director of composition.

Students with a prior knowledge of French, German, or Spanish who begin with an advanced foreign language class may, upon its completion with an appropriate grade, apply for a maximum of 25 quarter hours of ungraded institutional credit for the bypassed courses. Foreign language classes may also be challenged in accordance with the School of Liberal Arts challenge procedure. For information about advanced placement in a foreign language, consult the appropriate foreign language professor.

# Liberal Arts Departments and Departmental Requirements

## Department of Communication and Dramatic Arts

*Professors R. Gaines (Head) and Wolfe*  
*Associate Professors Cornell (Emeritus), Medley (Director, Mass*  
*Communication), and M. Winkelman*  
*Assistant Professors B. Gaines, McKenzie, Nobles (Director, Speech*  
*Communication), and V. Winkelman*  
*Instructor McCord*  
*Distinguished Lecturer Robert B. Ingram, Jr.*

The Department of Communication and Dramatic Arts includes four disciplines: Speech Communication, Speech-Language Pathology and Audiology, Mass Communication, and Theatre. The major premise of the department is that the study of these disciplines is not an isolated activity, but that the areas combine to provide a valuable body of knowledge dealing with the art and science of human communication. Under a major-minor option in Communication, the student may elect to major in one of the four communication disciplines and then take a 20-hour minor in a communication and dramatic arts discipline not selected as a major. Each student majoring in one of the four communication disciplines must complete at least 20 hours of the courses required within that discipline while in residence at AUM. Grades below "C" in the student's major are not acceptable for graduation.

### I. University Requirements

English Composition (EH 101 and EH 102) .....	10
World History (HY 101 and HY 102) .....	10
Natural and Physical Sciences (One course must be a laboratory course; one course must be in the physical sciences and one in the biological sciences.) .....	10

Mathematics (The mathematics course must be a primarily quantitative course for which MH 150 or MH 281 is a prerequisite. Courses that will meet this requirement are MH 151, MH 160, MH 161, MH 267, MH 282, and QM 274.)	5
Literature (The courses that will meet this requirement are EH 253, EH 254, EH 257, EH 258, EH 260, and EH 261; PH 200, PH 201, or PH 310 may substitute for one of the literature courses.)	10
Fine Arts (The course taken to meet this requirement must be of the history or appreciation type. FA 261, FA 351, FA 352, FA 353, MU 201, MU 250, MU 251, MU 252, and TH 204 will meet this requirement.)	5
Social Sciences (One of the social science courses must be PO 101 or PO 102; acceptable options for completing this requirement include ANT 211, COM 101, COM 210, EC 200, EC 201, EC 202, GY 205, GY 215, HY 201, HY 202, PG 211, and SY 201.)	15
Computer Literacy (All graduates will complete a course in which they become acquainted with basic principles of computer literacy. This course may be discipline-based.)	2
<b>Total Hours</b>	<b>67</b>

**II. Departmental Liberal Education Requirements**

Communication (COM 101)	5
Fine Arts (5 hours to be selected from FA 261, FA 351, FA 352, FA 353; MU 201, MU 250, MU 251, MU 252; TH 204, TH 431, TH 432, TH 475, TH 476)	5
Foreign Language/Options (15 hours in one foreign language or 15 hours in research methodology, selected in consultation with advisor; foreign language required for mass communication and speech communication emphases)	15
Philosophy (PH 201)	5
Social Science (5 hours to be selected from anthropology, economics, geography, government, history, psychology, sociology, or COM 201, or COM 371 [for Mass Communication majors])	5
<b>Total Hours</b>	<b>35</b>

**III. Major Requirements**

**Option 1: Communication Major with an Emphasis in Speech Communication**

The program in Speech Communication offers opportunities for study in rhetoric and communication, which include theories from the classical through the contemporary periods, criticism, communication theory and practice, empirical research, political communication, and organizational communication.

**Requirements**

COM 210 Mass Media and Society	5
COM 211 Public Speaking	5
COM 213 Group Discussion and Decision Making	5
COM 312 Interpersonal Communication	5
COM 403 Communication Theory	5

COM 413 Empirical Research Methods.....	5
COM 414 Survey of Rhetorical Theory.....	5
COM 415 Rhetorical Analysis and Criticism .....	5
EH 305 Advanced Expository Writing .....	5
Communication Electives (chosen in consultation with advisor) .....	20
<b>Total Hours</b>	<b>65</b>

**Option 2: Communication Major with an Emphasis in  
Speech-Language Pathology and Audiology**

The Speech-Language Pathology and Audiology Emphasis offers both course work and a laboratory environment designed to provide students with a theoretical foundation and practical experience in the habilitation and rehabilitation of individuals with communication disorders.

**Requirements**

COM 340 The Speech and Hearing Mechanism .....	5
COM 350 Introduction to Speech Pathology and Audiology .....	5
COM 355 Clinical Procedures in Speech .....	1-3
COM 365 Clinical Procedures in Audiology .....	1-3
COM 441 Phonetics .....	5
COM 451 Articulation and Phonological Development and Disorders .....	5
COM 452 Voice and Fluency Disorders .....	5
COM 453 Language Development.....	5
COM 454 Diagnosis and Clinical Management in Speech-Language Pathology .....	5
COM 460 Introduction to Audiology .....	5
COM 461 Hearing Pathology .....	5
COM 462 Aural Rehabilitation, Habilitation, and Hearing Conservation .....	5
Communication Elective .....	5
SPE 376 Survey of Exceptionalities .....	5
EH 305 Advanced Expository Writing .....	5
<b>Total Hours</b>	<b>70</b>

**Option 3: Communication Major with an Emphasis in Mass  
Communication**

This program is designed to provide an option within the Department of Communication for the student interested in the theories and skills involved in mass communication (journalism, broadcasting, public relations, and advertising).

**Requirements**

COM 210 Mass Media and Society .....	5
COM 270 Fundamentals of Journalism .....	5
COM 274 Reporting I .....	5
COM 371 History of American Journalism.....	5
COM 471 Mass Communication Theory .....	5
COM 482 Media Law and Ethics .....	5
COM 484 Mass Communication Research Methods .....	5
Mass Communication Writing Course (5 hours to be selected from COM 372, COM 374, or COM 384) .....	5
Mass Communication Electives .....	25
<b>Total Hours</b>	<b>65</b>



**IV. Minor Requirements**

20 hours as approved by the student's advisor ..... 20

**V. Electives**

Option 1: Speech Communication ..... 13

Option 2: Speech-Language Pathology and Audiology ..... 8

Option 3: Mass Communication ..... 13

**VI. Total Minimum Requirements ..... 200**

## Speech and Hearing Clinic

Operated by the Department of Communication, the AUM Speech and Hearing Clinic is a comprehensive facility serving the central Alabama area. Located on the first floor of the Liberal Arts Building, the clinic provides complete diagnostic and therapeutic services for children and adults who have speech and hearing problems.

The Speech and Hearing Clinic benefits students who have chosen a career in the area of speech-language pathology and audiology by offering them supervised clinical practicum hours working with individuals having various types of communication disorders.

## Mass Communication Laboratories

The mass communication laboratories are designed to complement the classroom study of journalism, broadcasting, advertising, and public relations by providing students with the experiences and equipment similar to that they will encounter during their careers. Two radio broadcasting control rooms and studios permit students to gain skills necessary for a career in broadcasting and broadcast journalism. Advertising, public relations, and journalism students can use the print media studio to sharpen their skills in writing, advertising, print design, and layout. The computer laboratory is equipped with the latest in computer technology to aid in teaching desktop publishing, advertising, and publication design and layout, and includes color and black-and-white printers, a computer projection television/video system, color and black-and-white scanners, light tables, and related equipment. The lab is available to communication students and majors for and during class work during scheduled lab hours.

## Theatre AUM

*Professor R. Gaines (Director)*

*Associate Professor M. Winkelman (Technical Director)*

*Assistant Professor V. Winkelman*

Theatre AUM provides the training in practical theatre production that clarifies the principles laid down in the classroom. It gives the student an opportunity to test ideas and theories about the practical application of theatre arts. Because Theatre students are potential leaders not only here at AUM but after graduation as well, they are expected to take advantage of the many leadership opportunities offered them in both the classroom and Theatre AUM environments. For this reason all students in the program must enroll in TH 200 Theatre Practicum each quarter that they are enrolled at AUM.

The Theatre Emphasis requires a minimum of 63 hours in theatre courses, plus an additional 13 hours in English. All students must fulfill the requirements of the University Liberal Education Program and the General Curriculum Requirements in Liberal Arts, as well as the Theatre requirements. Students are required to complete a minor of 20 hours.

Division of Theatre

I. University Requirements

English Composition (EH 101 and EH 102) .....	10
World History (HY 101 and HY 102) .....	10
Natural and Physical Sciences (One course must be a laboratory course; one course must be in the physical sciences and one in the biological sciences.) .....	10
Mathematics (The mathematics course must be a primarily quantitative course for which MH 150 or MH 281 is a prerequisite. Courses that will meet this requirement are MH 151, MH 160, MH 161, MH 267, MH 282, and QM 274.) .....	5
Literature (Theatre majors should take two courses from EH 253, EH 254, EH 257, EH 258, EH 260, and EH 261.) .....	10
Fine Arts (Theatre majors should take FA 261 or MU 201.) .....	5
Social Sciences (One of the social science courses must be PO 101 or PO 102; in addition, Theatre majors must take COM 101 and HY 201 or HY 202 to fulfill the social sciences requirements.) .....	15
Computer Literacy (All majors will complete a course in which they become acquainted with basic principles of computer literacy. This course may be discipline-based.) .....	2
<b>Total Hours</b>	<b>67</b>

II. Departmental Liberal Education Requirements

Philosophy 201 .....	5
Fine Arts (FA 261 and MU 201) <sup>1</sup> .....	5
A Foreign Language/Option <sup>2</sup> .....	15
<b>Total Hours</b>	<b>25</b>

III. Major Requirements

A. Theatre requirements	
Theatre Appreciation (TH 204) .....	5
Introduction to Technical Theatre (TH 210, TH 211, and/or TH 212) .....	10
Acting (TH 341) .....	5
Scene Design (TH 361) .....	5
Theatre History and Literature (TH 431 and TH 432) .....	10
Theatre Emphasis <sup>3</sup> .....	15
Theatre Elective .....	5
Theatre Practicum (TH 220 is required of every major every quarter that he or she is enrolled at AUM.) .....	8
<b>Total Hours</b>	<b>63</b>
B. Additional requirements	
Advanced Expository Writing (EH 305) .....	5
Literary Criticism (EH 408) .....	5
Drama course from the English Department offerings .....	5
<b>Total Hours</b>	<b>15</b>

<sup>1</sup>Select the course not taken to meet the university core.

<sup>2</sup>Liberal Arts students may also benefit from a strongly enhanced literature program. Therefore, with the permission of his or her advisor, a student may choose three courses from International Studies 270, 271, 272, 315, 482, and 483 as a substitute for foreign language. In no case will a mixture of foreign languages and literature be accepted in this category.

<sup>3</sup>Each student will select an emphasis from the following areas: (1) acting, (2) directing, (3) design, (4) history/literature/criticism, (5) administration, (6) playwriting, (7) dance, and (8) stage management. During the junior year, each student in consultation with an advisor will select a three-course sequence from existing courses, selected topic courses, and independent study courses that will explore the student's major area of interest in the manner most beneficial to the student.

**IV. Minor Requirements ..... 20**

**V. Free Electives ..... 10**

**VI. Total Requirements ..... 200**

Students may select 20 hours of course work from one department or with the advisor's consent may take courses from several related departments. With careful forethought, the minor combined with an intelligent selection of elective courses can provide a student with many more opportunities based on a more extensive knowledge of his or her selected minor than one chosen simply to satisfy a requirement.

**Department of English and Philospophy**

*Professors Evans, Gribben (Head), Michael, Morton, Nance,  
R. Walker, Williams (Emeritus), and Willis*  
*Associate Professors Anderson (Director of Composition and  
Distinguished Teaching Fellow), Barfoot, Billingslea, Hill,  
Little, Paul, D. Walker, and Wiedemann*  
*Assistant Professors Crowley, Curry, Depas-Orange, Melton, and Sterling*

The Department of English and Philosophy offers courses in the separate disciplines of English and Philosophy.

The English program, leading to a Bachelor of Arts degree in English, is designed to meet the needs of those who want to develop essential critical skills in reading, writing, and thinking as well as a knowledge of the history of ideas through literature; those desiring a firm undergraduate foundation preparatory to graduate studies in English and related fields; those wishing to prepare for careers that require verbal and analytical skills, such as law; and those who value education as intellectual and aesthetic enrichment.

Although the department does not offer a degree program in Philosophy, students may fulfill their minor requirement in this area.

The requirements for a degree in English are as follows:

**I. University Requirements**

English Composition (EH 101 and EH 102) ..... 10

World History (HY 101 and HY 102) ..... 10

Natural and Physical Sciences (One course must be  
a laboratory course; one course must be in the  
physical sciences and one in the biological sciences.) ..... 10

Mathematics (The mathematics course must be a  
primarily quantitative course for which MH 150  
or MH 281 is a prerequisite. Courses that will  
meet this requirement are MH 151, MH 160, MH 161,  
MH 267, MH 282, and QM 274.) ..... 5

Literature (The courses that will meet this requirement are EH 253, EH 254, EH 257, EH 258, EH 260, and EH 261. English majors are required to take EH 253 and EH 254.) .....	10
Fine Arts (The course taken to meet this requirement must be of the history or appreciation type. FA 261, FA 351, FA 352, FA 353, MU 201, MU 250, MU 251, MU 252, and TH 204 will meet this requirement.) .....	5
Social Sciences (One of the social science courses must be PO 101 or PO 102; acceptable options for completing this requirement include ANT 211, COM 101, COM 210, EC 200, EC 201, EC 202, GY 205, GY 215, HY 201, HY 202, PG 211, and SY 201. English majors are required to take COM 101.) .....	15
Computer Literacy (All graduates will complete a course in which they become acquainted with basic principles of computer literacy. This course may be discipline-based.) .....	2
<b>Total Hours</b>	<b>67</b>

**II. Departmental Liberal Education Requirements**

One Foreign Language .....	15
History (must include one English or European history course) .....	10
Natural Science or Mathematics .....	5
Philosophy .....	5
Social Studies (SY 201 or ANT 211) .....	5
Arts Elective (communication, philosophy, or a fine arts history or appreciation course) .....	5
<b>Total Hours</b>	<b>45</b>

**III. English Major Requirements**

EH 257 and EH 258 .....	10
EH 260 .....	5
EH 328 .....	5
EH 405, EH 406, or EH 407 .....	5
EH 408 .....	5
English Electives <sup>1</sup> .....	25
<b>Total Hours</b>	<b>55</b>

<sup>1</sup>The EH electives must include (1) at least one and no more than two courses in American literature, with the others in British or European literature; (2) one course in each of the five following literary periods: Ancient/Classical/Medieval, Shakespeare's works, Restoration/18th century, 19th century, 20th century; (3) a course in each of these three major genres: poetry, drama, prose fiction. A single course may fulfill several requirements simultaneously. Students may take one foreign literature-in-translation course (see IN course listings) as part of their English electives.

**IV. Minor** **20**

(NOTE: English majors wishing to minor in a foreign language may fulfill their minor requirement with three 5-hour courses at the second-year level of foreign language study and an appropriate literature-in-translation course.)

**V. Free Electives** **13**

**VI. Total Requirements** **200**

## Department of Fine Arts

*Professors Coley, Mills, and Schwarz (Head)*

*Associate Professors Benson and Hood*

*Assistant Professor Jensen*

The Department of Fine Arts, combining the disciplines of Visual Arts and Music, offers a major in Visual Arts, an emphasis in Graphic Design, an emphasis in Studio Art, and minors in all of the areas above. The Visual Arts Major requires at least 60 hours in that concentration. The Graphic Design Emphasis requires 120 credit hours in that concentration. The Studio Art Emphasis requires 108 credit hours in that concentration. A minor is constituted by a 20-hour concentration in a particular discipline (other than that of the major).

The Visual Arts Program at AUM offers the serious student sound undergraduate training in the theory and practice of the visual arts. Course work in drawing, design, graphics, painting, sculpture, ceramics, and art history will prepare the prospective graduate student for matriculation at either the M.A. or the M.F.A. degree level.

### Commercial Art/Graphic Design

Students wishing to pursue careers in commercial art should find the AUM Liberal Arts/Fine Arts orientation an excellent preparation. The department offers many courses in commercial art which can provide the fundamental technical experience necessary to enter the field. A "cutting edge" program in computer graphics has been instituted by the department culminating in a course in video animation to ensure that our graphic design graduates benefit from the most comprehensive and up-to-date technology. In addition, courses in communication, photography, and business are available which the student may elect, providing further reinforcement for a career in this area.

Graphic Design majors may opt for the Graphic Design Emphasis described below. This emphasis culminates in the B.A. in Fine Arts, as does the regular program, but provides more intensive course work in graphic design and less involvement in the fine and liberal arts.

The **Graphic Arts Center** of the Department of Fine Arts provides commercial art students with professional work experience. Clients from the University and from the Montgomery area business community contract for jobs that are assigned to qualified students. In addition to building representative, professional portfolios, students working in the center gain experience in dealing directly with clients under faculty supervision using equipment, techniques, and supplies appropriate to professional agencies.

The **Computer Graphics Laboratory** is equipped with the latest color computer graphics equipment and provides hands-on experience in print, video, and presentation media. Enrollment is limited to provide a computer for each student, and additional lab time is available to enable students to develop their skills.

### Art Education

Students wishing to teach art in elementary or secondary schools may take a program that combines the major in Visual Arts with the appropriate education courses to qualify for teacher certification. A student interested in this alternative must arrange to have advisors in both visual arts and education and should be prepared to take more than the 200 hours required for the B.A. degree.

**Pre-Architecture, Landscape Architecture,  
Building Science, and Interior Design Students**

The School of Architecture of Auburn University (main campus) has arranged with the Department of Fine Arts of AUM to advise prospective transfer students. One year of credit toward the AUA degree may be earned at AUM if the appropriate courses are taken. See the head of the Department of Fine Arts, AUM, for specifics. Pre-Architecture students are encouraged to apply for admission to the School of Architecture and Fine Arts (AUA) as early as possible and, if accepted during their tenure at AUM, to apply for admission to the Summer Option Program at AUA to complete the design sequence (AR 110, AR 111, AR 112).

Acceptance of transfer students into the School of Architecture and Fine Arts is not automatic, and there is considerable competition for the limited number of openings. Enrollment for the fall quarter is normally closed by the preceding February. For more detailed information, write or phone the academic advisor, School of Architecture and Fine Arts, Auburn University, AL 36849; (334) 844-4524.

**Non-Matriculating Students**

The Department of Fine Arts welcomes prospective students from the area who may wish to take course work and not pursue a degree. Because of the limited space and resources of our studio programs, however, it is recommended that such students plan to take whatever studio courses they wish for **credit rather than audit**. Students who wish to audit **lecture courses** in the department (e.g. art, music, or theatre appreciation or history) may either audit or enroll as above. See the Office of Admissions for further information.

**Transfer Credit**

A maximum of 20 credit hours (four courses) may be transferred toward the completion of the 60-credit hour Visual Arts Major, the 120-credit hour Graphic Design Major, and the 108-credit hour Studio Art Major at AUM. Only courses from accredited institutions in which at least a “B” was earned will be considered for transfer credit. Decisions concerning transfer credit are made by the student’s advisor in consultation with the department head. The student requesting transfer credit may be asked to support his or her request by submitting an appropriate portfolio or, in the case of art history courses, to take an appropriate written examination.

**Student Advising**

Each full- or part-time student in the department is assigned an advisor. An effort is made to assign advisors expert in the field of the student’s interest. Students may change advisors freely and are encouraged to seek counsel from as many sources as possible. The function of the departmental advisor is to provide personal, experienced help to the student in the selection of courses and in other academic matters. The advisor will see that the student proceeds rationally through the university and departmental requirements, ensuring prompt degree attainment and the full complement of educational benefits. Students who elect not to utilize departmental advisors to the fullest miss, thereby, one of AUM’s singular advantages.

Below are the advisors suggested for Fine Arts students particularly interested in a specialized area of concentration within the department.

Architecture/Art History .....	Mr. Schwarz
Art Education .....	Ms. Hood
Ceramics/Sculpture .....	Ms. Jensen
Studio Art .....	Mr. Mills
Graphic Design .....	Mr. Coley
Music .....	Mr. Benson

The B.A. in Fine Arts (Visual Arts) may be earned by following one of three paths. The first is the traditional **Fine Arts Major**, which supports training in the visual arts with a strong liberal arts component. This program provides a comprehensive exposure to the many creative possibilities in the visual arts while providing a meaningful general education in the liberal arts and sciences. It is recommended that the student who wants to “major in art” but who wishes to allow university experience to clarify future goals select this option.

The second is the **Graphic Design Emphasis**. This program is designed for the student whose undergraduate interests and postgraduate goals are commercial art or graphic design. An innovative sequence of courses in computer graphics is a feature of this emphasis.

The third is the **Studio Emphasis**. This program devotes about half of the course work required for the B.A. degree to work in the studio in the areas of painting, print-making, sculpture, and ceramics. The student, after a series of foundation experiences, selects one of the above studio areas in which to concentrate. It is recommended that students interested in professional careers as artists or artist/teachers consider this B.A. in Fine Arts path, which closely approximates B.F.A. (Bachelor of Fine Arts) programs offered at other institutions.

## B.A. in Fine Arts (Visual Arts)

### I. University Requirements

English Composition (EH 101 and EH 102) .....	10
World History (HY 101 and HY 102) .....	10
Natural and Physical Sciences (one in physical science and one in biological science, one of which must include a lab) .....	10
Mathematics (MH 151, MH 160, MH 161, MH 267, MH 282, or QM 274) .....	5
Literature (EH 253, EH 254, EH 257, EH 258, EH 260, EH 261, PH 200, PH 201, or PH 310 may substitute for one of the literature courses.) .....	10
Fine Arts 351 .....	5
Social Sciences (PO 101 or PO 102 plus two of the following: ANT 211, COM 101 or COM 210, EC 200, EC 201 or EC 202, GY 205 or GY 215, HY 201 or HY 202, PG 211, SY 201) .....	15
Computer Literacy (See advisor for options.) .....	2
<b>Total Hours</b> .....	<b>67</b>

### II. Liberal Education Requirements

Elective courses in the following areas:  
business, communication, history, international studies,  
literature, mathematics, music appreciation or history,  
philosophy, physical or biological science, psychology,  
sociology, theatre appreciation or history. No more than  
15 hours in any one of the above areas except foreign  
language (IN).

**Total Hours**      **40**

### III. Visual Arts Requirements

FA 100 Drawing 1 .....	5
FA 110 Design .....	5
FA 200 Drawing 2 .....	5

FA 210 Color .....	5
FA 235 Sculpture 1 .....	5
FA 220 Beginning Painting .....	5
FA 340 Screenprinting or FA 440 Etching .....	5
FA 352 Art History 2 .....	5
FA 353 Art History 3 .....	5
Art History (400 level) .....	10
<b>Total Hours</b> .....	<b>55</b>
<b>IV. Minor</b> .....	<b>20</b>
<b>V. Free Electives</b> .....	<b>18</b>
<b>VI. Total Requirements</b> .....	<b>200</b>

Graphic Design Emphasis (GFA)

Professor Coley (Director, Graphic Design Center)

In addition to the fundamentals of visual art, this curriculum provides intensive studio course work and experience for students preparing for careers in graphic design. Students in this program must have attained at least a 3.0 GPA in visual arts courses after the completion of the Basic Foundation (end of the sophomore year) in order to proceed to the Upper Level Foundation. After the completion of the Upper Level Foundation (junior year), students wishing to proceed to the Concentration must have earned a 3.25 GPA in the Upper Level Foundation courses. Students whose GPAs do not meet this criterion may complete their B.A. programs in the conventional B.A. in Fine Arts (Visual Arts) program as outlined above.

B.A. in Fine Arts (Graphic Design)

I. University Requirements

English Composition (EH 101 and EH 102) .....	10
World History (HY 101 and HY 102) .....	10
Natural and Physical Sciences (one in physical science and one in biological science, one of which must include a lab) .....	10
Mathematics (MH 151, MH 160, MH 161, MH 267, MH 282, or QM 274) .....	5
Literature (EH 253, EH 254, EH 257, EH 258, EH 260, EH 261. PH 200, PH 201, or PH 310 may substitute for one of the literature courses.) .....	10
Fine Arts 351 .....	5
Social Sciences (PO 101 or PO 102 plus two of the following: ANT 211, COM 101 or COM 210, EC 200, EC 201 or EC 202, GY 205 or GY 215, HY 201 or HY 202, PG 211, SY 201) .....	15
Computer Literacy (See advisor for options.) .....	2
<b>Total Hours</b> .....	<b>67</b>

II. Basic Foundation

FA 100 Drawing 1 .....	5
FA 110 Design .....	5
FA 200 Drawing 2 .....	5
FA 210 Color or FA 201 Linear Perspective .....	5
FA 225 Typography 1 .....	3



FA 352 Art History 2 and FA 353 Art History 3 .....	10
<b>Total Hours</b>	<b>33</b>
<b>III. Upper Level Foundation</b>	
FA 370 Computer Graphics 1 .....	5
FA 226 Typography 2 .....	5
FA 325 Graphic Procedures .....	5
FA 340 Screenprinting or FA 440 Etching .....	5
FA 220 Beginning Painting or FA 310 Watercolor .....	5
FA 400 level Art History courses .....	10
<b>Total Hours</b>	<b>35</b>
<b>IV. Concentration Graphic Design</b>	
FA 425 Graphic Layout and Design .....	5
FA 371 Computer Graphics 2 .....	5
FA 372 Video Animation .....	5
FA 475 Electronic Layout 1 .....	5
FA 476 Electronic Layout 2 .....	5
FA 427 Presentation Graphics .....	5
FA 428 Advertising Art .....	5
FA 499 Senior Portfolio .....	5
<b>Total Hours</b>	<b>45</b>
<b>V. Minor</b> .....	<b>20</b>
Consult the Graphic Design advisor to select courses appropriate to a minor in Marketing or Information Systems.	
<b>VI. Total Requirements</b> .....	<b>200</b>

## Studio Art Emphasis (FA)

Intensive undergraduate training in painting, printmaking, sculpture, or ceramics for those interested in and capable of careers as professional artists or artist/teachers. Students in this program must have attained at least a 3.0 GPA in visual arts courses after the completion of the Basic Foundation (end of the sophomore year) in order to proceed to the Upper Level Foundation. After the completion of the Upper Level Foundation (junior year), students wishing to proceed to the Concentration must have earned a 3.25 GPA in the Upper Level Foundation courses. Students whose GPAs do not meet this criterion may complete their B.A. programs in the conventional B.A. in Fine Arts (Visual Arts) program as outlined above.

## B.A. in Fine Arts (Studio Art)

### I. University Requirements

English Composition (EH 101 and EH 102) .....	10
World History (HY 101 and HY 102) .....	10
Natural and Physical Sciences (one in physical science and one in biological science, one of which must include a lab) .....	10
Mathematics (MH 151, MH 160, MH 161, MH 267, MH 282, or QM 274) .....	5
Literature (EH 253, EH 254, EH 257, EH 258, EH 260, EH 261. PH 200, PH 201, or PH 310 may substitute for one of the literature courses) .....	10

Fine Arts 351 .....	5
Social Sciences (PO 101 or PO 102 plus two of the following: ANT 211, COM 101 or COM 210, EC 200, EC 201 or EC 202, GY 205 or GY 215, HY 201 or HY 202, PG 211, SY 201) .....	15
Computer Literacy (See advisor for options.) .....	2
<b>Total Hours</b>	<b>67</b>
<b>II. Basic Foundation</b>	
FA 100 Drawing 1 .....	5
FA 110 Design .....	5
FA 200 Drawing 2 .....	5
FA 210 Color or FA 201 Linear Perspective .....	5
FA 352 Art History 2 and FA 353 Art History 3 .....	10
<b>Total Hours</b>	<b>30</b>
<b>III. Upper Level Foundation</b>	
FA 300 Drawing 3 or FA 135 Three-Dimensional Design .....	5
FA 400 Drawing 4 .....	5
FA 340 Screenprinting or FA 440 Etching .....	5
FA 220 Beginning Painting or FA 310 Watercolor .....	5
FA 235 Sculpture 1 .....	5
FA 400 level Art History .....	10
<b>Total Hours</b>	<b>35</b>
<b>IV. Concentration: Painting, Printmaking, Sculpture or Ceramics</b>	
Advanced Painting 1 (FA 320), Advanced Painting 2 (FA 420), FA 401 in Painting .....	15
<b>OR</b>	
Etching (FA 440), Lithography (FA 441), FA 401 in Printmaking .....	15
<b>OR</b>	
Sculpture 2 (FA 335), Sculpture 3 (FA 435), FA 401 in Sculpture .....	15
<b>OR</b>	
Ceramics 1 (FA 295), Ceramics 2 (FA 395), FA 401 in Ceramics .....	15
Senior Project (FA 498) .....	3
<b>Total Hours</b>	<b>18</b>
<b>V. Visual Arts Electives</b> .....	<b>20</b>
<b>VI. Liberal Education Electives</b> .....	<b>30</b>
Elective courses in the following areas: business, communication, history, international studies, literature, mathematics, music appreciation or history, philosophy, physical or biological science, psychology, sociology, theatre appreciation or history. No more than 15 hours in any one of the above areas except foreign language (IN).	
<b>VII. Total Requirements</b> .....	<b>200</b>

# Minors in Fine Arts

**Minor in Visual Arts (FA).** The Visual Arts Minor will consist of 20 hours in visual arts at the 200 level or above.

**Minor in Music (MU).** A Music Minor will consist of 20 hours of music at the 200 level or above. A minimum of one course must be chosen from MU 200, MU 220, or MU 221, and a minimum of one course must be chosen from MU 250, MU 251, or MU 252. A maximum of 5 credit hours in performing ensembles and private lessons may be counted toward a Music Minor.

# Department of History

*Professors Dodd (Emeritus), Fair (Head), and Fitzsimmons*

*Associate Professors Wozniak and Zhai*

*Assistant Professors Bradley, Henderson, and Shannon*

# The History Major (HY)

The History Major teaches the student how to find important information about the past, how to analyze and evaluate that information, and how to communicate his or her findings in an intelligent and convincing manner. Majoring in History is an excellent preparation not only for teaching, researching, and writing, but also for decision-making in careers in business, government, law, and other professions. Majoring in History at AUM means the development of a strong background in the history and culture of the major peoples and nations of the world, readying the student for work in companies and governments with overseas operations.

## I. University Requirements

English Composition (EH 101 and EH 102) .....	10
World History (HY 101 and HY 102) .....	10
Natural and Physical Sciences (One course must be a laboratory course; one course must be in the physical sciences and one in the biological sciences.) .....	10
Mathematics (The mathematics course must be a primarily quantitative course for which MH 150 or MH 281 is a prerequisite. Courses that will meet this requirement are MH 151, MH 160, MH 161, MH 267, MH 292, and QM 274.) .....	5
Literature (The courses that will meet this requirement are EH 253, EH 254, EH 257, EH 258, EH 260, and EH 261; PH 200, PH 201, or PH 310 may substitute for one of the literature courses.) .....	10
Fine Arts (The course taken to meet this requirement must be of the history or appreciation type. FA 261, FA 351, FA 352, FA 353, MU 201, MU 250, MU 251, MU 252, and TH 204 will meet this requirement.) .....	5
Social Sciences (One of the social science courses must be PO 101 or PO 102; acceptable options for completing this requirement include ANT 211, COM 101, COM 210, EC 200, EC 201, EC 202, GY 205, GY 215, HY 201, HY 202, PG 211, and SY 201.) .....	15

Computer Literacy (All graduates will complete a course in which they become acquainted with basic principles of computer literacy. This course may be discipline-based.) .....	2
<b>Total Hours</b>	<b>67</b>

**II. Departmental Liberal Education Requirements**

Historical Methods (HY 294) <sup>1</sup> .....	3
Foreign Language (15 hours in one foreign language) .....	15
Philosophy (PH 200, PH 201, or PH 310) <sup>2</sup> .....	5
History (HY 201 and HY 202) <sup>3</sup> .....	10
Geography (GY 205, GY 215, or GY 221) <sup>3</sup> .....	5
<b>Total Hours</b>	<b>38</b>

<sup>1</sup>Must be taken concurrently with HY 293.

<sup>2</sup>May substitute for one of the literature courses.

<sup>3</sup>May be used to fulfill social science requirement.

**III. Major Requirements**

U.S. History .....	10
English or European History .....	10
Third World History .....	10
HY 419 or HY 429 .....	5
History Electives .....	25
<b>Total Hours</b>	<b>60</b>

(NOTE: At least 10 of these 60 hours must be in courses whose concentration is prior to 1800.)

**IV. Minor Requirements**

20 hours in one subject or on one theme as approved by the student's advisor .....	20
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**V. Free Electives** ..... **15**

**VI. Total Requirements** ..... **200**

**Department of International Studies**

*Professor Ryali*

*Associate Professors Daniell, Gerogiannis (Head), and Sheldon*

*Assistant Professors Calvo and Witkosky*

The demand for individuals who understand foreign cultures and who are trained in foreign languages is increasing. The Bachelor of Arts in International Studies provides the student with the opportunity to develop the basic knowledge that is necessary for effective participation in international and intercultural activities. Furthermore, students are prepared to continue their studies in several advanced or professional degree programs. The International Studies Program is designed to emphasize knowledge of modern foreign cultures and to enable the student to develop a speaking ability in at least one foreign language. The major requirements for the International Studies Program are grouped into three ethnic study options: French Studies, Hispanic Studies, and German Studies; the fourth option in the major is International Trade. Students who intend to go on to graduate studies in a foreign language should take a minimum of 30 quarter hours of credit in that foreign language in courses numbered 300-499.

Summer Accelerated Language Program

During summer quarter, the Department of International Studies offers first-year French, Spanish, and German courses at an accelerated level. Students complete 15 hours of credit in 10 weeks. Classes meet three hours and 10 minutes a day, Monday through Thursday.

Tutorial Language Program

The Department of International Studies also offers first-year language courses in Cantonese, Italian, Japanese, Mandarin, Modern Greek, and Russian through the Tutorial Language Program. The Tutorial Language Program is a tutor/text/tape system. Each class will have from three to six students only. Students must study at least five hours each week with a series of taped lessons. They meet twice a week with a tutor who leads them in exercises based on the lessons. Tutors are selected for their language speaking skills and are trained with materials supplied by the National Association of Self-Instructional Language Programs. Students also complete workbook exercises.

At the end of the quarter, each student is tested individually by a language professor. Local faculty may be used, or faculty consultants who are certified by the national association may be brought in from other universities.

English as a Foreign Language

The department offers English as a Foreign Language courses for international students and other students for whom English is not their native language. INE 091, INE 110, and INE 111 are designed to accommodate students in a range of proficiency levels in speaking and comprehending English. IN 092 Living in the USA is a course designed to help international students become oriented with American culture and institutions.

The department administers English proficiency tests for placement in the appropriate EFL courses.

International Trade Option

The Department of International Studies degree option in International Trade is for students who wish to specialize in languages and cultural studies, with a secondary emphasis in global economics, international finance, international marketing, and international management. Students may select any of the major language groups—French, Spanish, or German—and supplement their cultural courses with selections from the international business curriculum. These business courses include EC 201 Economics I, EC 202 Economics II, EC 305 Issues in Global Trade and Finance, EC 352 Comparative Economic Systems, EC 390 Booms and Busts in Twentieth-Century America: A Macroeconomic History of the U.S. in the World Economy, EC 470 International Economics, FI 475 International Finance, MN 475 International Business Management, MN476 International Law, and MT 465 International Marketing.

I. University Requirements

EH 101, EH 102 English Composition I and II .....	10
HY 101, HY 102 World History I and II .....	10
Natural and Physical Sciences (One course must be a laboratory course; one course must be in the physical sciences and one in the biological sciences.) .....	10
Mathematics (The mathematics course must be a primarily quantitative course for which MH 150 or MH 281 is a prerequisite. Courses that will meet this requirement are MH 151, MH 160, MH 161, MH 267, MH 282, and QM 274.) .....	5

Literature (International Studies majors must take IN 260 and IN 261.) .....	10
Fine Arts (The course taken to meet this requirement must be of the history or appreciation type. FA 261, FA 351, FA 352, FA 353, MU 201, MU 250, MU 251, MU 252, and TH 204 will meet this requirement.) .....	5
Social Sciences (One of the social science courses must be PO 101 or PO 102; acceptable options for completing this requirement include ANT 211, COM 101, COM 210, EC 200, EC 201, EC 202, GY 205, GY 215, HY 201, HY 202, PG 211, and SY 201. International Studies majors should take ANT 211 or GY 205.) .....	15
Computer Literacy (International Studies majors should take IN 461 The Use of the Computer in the Foreign Language Classroom.) .....	2
<b>Total Hours</b>	<b>67</b>

**II. Interdepartmental Liberal Education Requirements**

IN 211 Cultural Anthropology, IN 205 Geography of World Regions, IN 215 Cultural Geography, or IN 225 Economic Geography .....	5
Interdepartmental Electives (selected from approved courses in anthropology, economics, film studies, geography, history, political science, and theatre) .....	20
<b>Total Hours</b>	<b>25</b>

**III. Major Requirements**

IN 301 Introduction to International Studies .....	5
Literature in Translation .....	5
International Studies Electives (may include study abroad courses) .....	10
<b>AND</b>	
<b>French Studies</b>	
INF 121-123 French 1, 2, 3 .....	15
INF 221-223 French 4, 5, 6 .....	15
INF 321 Introduction to French Literature I, INF 322 Introduction to French Literature II, INF 323 Advanced French Conversation, INF 324 Advanced French Grammar and Composition, INF 325 Francophone Civilization, INF 326 Commercial French, or INF 327 French Phonetics .....	15
French Culture (may be a history or international studies course) .....	5
IN 483 European Fiction .....	5
<b>OR</b>	
<b>Hispanic Studies</b>	
INS 131-133 Spanish 1, 2, 3 .....	15
INS 231-233 Spanish 4, 5, 6 .....	15

INS 331 Introduction to Hispanic Literature I,	
INS 332 Introduction to Hispanic Literature II,	
INS 333 Advanced Spanish Conversation,	
INS 334 Advanced Spanish Grammar and Composition,	
INS 335 Hispanic Civilization, or	
INS 336 Commercial Spanish.....	15
Hispanic Culture (may be a history or	
international studies course) .....	5
IN 482 Hispanic Fiction .....	5
<b>OR</b>	
<b>German Studies</b>	
ING 141-143 German 1, 2, 3 .....	15
ING 241-243 German 4, 5, 6 .....	15
ING 341 Introduction to German Literature I,	
ING 342 Introduction to German Literature II,	
ING 343 Advanced German Conversation,	
ING 344 Advanced German Grammar and Composition,	
ING 345 German Civilization, or	
ING 346 Commercial German .....	15
German Culture (may be a history or	
international studies course) .....	5
IN 483 European Fiction .....	5
<b>Total Hours</b>	<b>75</b>

<b>IV. Minor</b> .....	<b>20</b>
<b>V. Electives</b> .....	<b>13</b>
<b>VI. Minimum Total Requirements</b> .....	<b>200</b>

INF signifies that the course is taught in French; INS signifies that the course is taught in Spanish; ING signifies that the course is taught in German.

Information on AUM study abroad courses and approved study abroad courses offered by other universities may be obtained from the International Studies office. International Studies majors who wish to complete part of their requirements or electives in a study abroad program must obtain the permission of the department head before they begin their foreign course of study.

Department of Sociology

Professors Bogie, Harrison, Mullins (Head), Ryali, and Sharp  
Associate Professor Sheldon  
Assistant Professors Brackett, Elston, Marcus, and Rankin

The Department of Sociology combines the disciplines of Anthropology, Geography, and Sociology. A student may major in Sociology, choosing one of two concentrations. The department also offers minors in Anthropology, Geography, Gerontology, and Sociology.

A student electing to major in the department must satisfy the following requirements:

<b>I. University Requirements</b>	
English Composition (EH 101 and EH 102) .....	10
World History (HY 101 and HY 102) .....	10
Natural and Physical Sciences (One course must be	
a laboratory course; one course must be in the	
physical sciences and one in the biological sciences.) .....	10

Mathematics (The mathematics course must be a primarily quantitative course for which MH 150 or MH 281 is a prerequisite. Sociology majors must take MH 267.)	5
Literature (Sociology majors must select two courses from EH 253, EH 254, EH 257, EH 258, EH 260, and EH 261.)	10
Fine Arts (The course taken to meet this requirement must be of the history or appreciation type. FA 261, FA 351, FA 352, FA 353, MU 201, MU 250, MU 251, MU 252, and TH 204 will meet this requirement.)	5
Social Sciences (One of the social science courses must be PO 101 or PO 102. In addition, sociology majors are required to take ANT 211 and SY 201.)	15
Computer Literacy (All graduates will complete a course in which they become acquainted with basic principles of computer literacy. This course may be discipline-based.)	2
<b>Total Hours</b>	<b>67</b>

**II. Departmental Liberal Education Requirements**

Fine Arts (FA 261, FA 351, FA 352, FA 353; MU 201, MU 250, MU 251, MU 252; TH 204, TH 304, TH 431, or TH 432)	5
Foreign Language/Option (Foreign Language: 15 hours in one foreign language. Option: 10 hours from IS 207, EH 305, PH 200 or PH 203, and 5 hours from one of the following: IN 260, IN 261, IN 271, IN 272, IN 482, IN 483, or IN 498-499.) A foreign language is required for the Anthropology concentration, and for the Pre-Social Work concentration	15
Philosophy (PH 201, PH 203, PH 310, PH 333, or PH 334)	5
Social Sciences (PG 211 or GY 215, and 5 hours from COM 101, HY 201, or HY 202)	10
<b>Total Hours</b>	<b>35</b>

**III. Major (SY) Requirements**

<b>A. Basic requirements (40 hours)</b>	
SY 302 Research and Methodology	5
SY 402 Social Theory	5
SY 423 Sociology of Deviance	5
SY 454 Sociology of the Family	5
SY 461 Social Psychology	5
ANT 403 Cultural and Social Change	5
GY 205 Geography of World Regions	5
SY 488 Advanced Seminar in Sociology	5
<b>Total Hours</b>	<b>40</b>
<b>B. Concentrations (Each student will select one concentration.)</b>	
<b>Sociology Concentration (25 hours)</b>	
SY 321 Criminology	5
SY 335 Social Stratification	5
SY 430 Minority Groups	5



Electives (10 hours from any two of the courses listed:

SY 202, SY 215, SY 374, SY 385, SY 441, GER 470,  
SY 203, SY 218, SY 380, SY 386, SY 387, SY 210, SY 312,  
SY 382, SY 389, SY 452, GER 482, SY 214, SY 320,  
SY 383, SY 424, SY 470, GER 484, GER 487,  
GER 488, SY 388, SY 445, GER 470, GER 480,  
GY 201, GY 215, GY 225, GY 360, GY 361,  
GY 365, GY 410, GY 420) .....

10

**Total Hours****25**

### **Anthropology Concentration (25 hours)**

ANT 210 Principles of Physical Anthropology ..... 5

ANT 212 Introductory Archaeology ..... 5

ANT 390 Language in Culture and Society ..... 5

Electives (10 hours from any two of the courses listed:

ANT 300, ANT 376, ANT 310, ANT 380, ANT 312,  
ANT 409, ANT 325, ANT 470, ANT 371, ANT 374,  
ANT 498, GY 201, GY 215, GY 225, GY 360, GY 361,  
GY 365, GY 410, GY 420) .....

10

**Total Hours****25**

### **IV. Minor Requirements ..... 20**

(A student must select 20 hours in one subject outside the major field of study. Normally, these courses must be numbered 200 level or above. Permission of the advisor is required.)

### **V. Free Electives ..... 13**

### **VI. Minimum Total Requirements ..... 200**

Under a major/minor option in the Sociology Department, the student pursuing the Sociology Concentration may minor in Anthropology, Geography, or Gerontology. The student choosing the Anthropology Concentration may minor in Sociology, Geography, or Gerontology.

## **Pre-Social Work Program**

A student interested in social work may complete a maximum of three years of course work at AUM and transfer to Auburn University or to Alabama State University for the final year. The programs in social work at Auburn University and at Alabama State University lead to Bachelor of Social Work degrees and are accredited by the Council on Social Work Education. Students interested in social work should see the head of the Department of Sociology at AUM or the Social Work Program coordinator.

## **Bachelor of Liberal Arts Degree**

The B.L.A. degree is designed primarily to serve the needs of the student who seeks an alternative to the traditional program of disciplinary majors and minors and also for the student who may have acquired academic credits in diverse curricula from other institutions or from military service schools.

The B.L.A. degree requires the same quality of academic endeavor as any other baccalaureate degree awarded by the University. The principal difference between this program and other baccalaureate programs is the absence of a disciplinary major and the uniqueness of the combined methods of study. Applicants should meet the same general requirements for admission to the University as other degree-seeking applicants.

The B.L.A. degree program is based on a curriculum of interdisciplinary, or liberal, studies that is divided into four study areas: Social Sciences, Natural Sciences/Mathematics, Humanities, and Complementary Area Studies.

No more than 50 quarter hours of courses offered by the School of Business may be counted toward satisfying the requirements for the Bachelor of Liberal Arts degree.

Curriculum Requirements

1. University Requirements	
English Composition (EH 101 and EH 102) .....	10
World History (HY 101 and HY 102) .....	10
Natural and Physical Sciences (One course must be a laboratory course; one course must be in the physical sciences and one in the biological sciences.) .....	10
Mathematics (The mathematics course must be a primarily quantitative course for which MH 150 or MH 281 is a prerequisite. Courses that will meet this requirement are MH 151, MH 160, MH 161, MH 267, MH 282, and QM 274.) .....	5
Literature (The courses that will meet this requirement are EH 253, EH 254, EH 257, EH 258, EH 260, and EH 261; PH 200, PH 201, or PH 310 may substitute for one of the literature courses.) .....	10
Fine Arts (The course taken to meet this requirement must be of the history or appreciation type. FA 261, FA 351, FA 352, FA 353, MU 201, MU 250, MU 251, MU 252, and TH 204 will meet this requirement.) .....	5
Social Sciences (One of the social science courses must be PO 101 or PO 102; acceptable options for completing this requirement include ANT 211, COM 101, COM 210, EC 200, EC 201, EC 202, GY 205, GY 215, HY 201, HY 202, PG 211, and SY 201.) .....	15
Computer Literacy (All graduates will complete a course in which they become acquainted with basic principles of computer literacy. This course may be discipline-based.) .....	2
	<b>Total Hours</b> <u>67</u>

2. The remaining curriculum is divided into four parts, with the various fields clustered within these areas being as follows:
- Humanities:** includes fine arts, philosophy, history, foreign languages, literature, theatre, and specified areas in communication and international studies (see advisor for applicable COM and IN courses). A minimum of 15 hours of 300 and/or 400 level courses is required in this area.
- Natural Sciences/Mathematics:** includes physical sciences, biological sciences, earth sciences, and mathematics.
- Social/Behavioral Sciences:** includes anthropology, government, psychology, geography, sociology, economics, and specified areas in communication and international studies (see advisor for applicable COM and IN courses). A minimum of 15 hours of 300 and/or 400 level courses is required in this area.
- Complementary Areas:** allows for a wide diversity of courses in areas excluded by, but complementary to, the above three categories, such as business and education. Students are limited to a maximum of 50 hours of business courses.

3. Systematic advising is an integral part of the candidate's experience under the B.L.A. program. The student is expected to consult with his or her advisor every quarter prior to registering for courses. Each program, which includes the balance and distribution of courses within the four designated areas, is subject to an advisor's approval.
4. A minimum of 60 hours of the student's course work is to be at the 300 level or above, and at least 30 hours of credit in advanced courses must be in the humanities and the social sciences. Also, at least 15 hours of advanced courses must be in a single discipline or study area. Therefore, the B.L.A. student should ensure that he or she has sufficient prerequisites in several areas to be eligible for advanced work.
5. As in the traditional baccalaureate programs at the University, the total number of hours required for graduation is 200.
6. Any student who transfers from another AUM curriculum or from another institution to the B.L.A. curriculum must be enrolled in the B.L.A. program for at least three quarters (for an accumulated 50 hours credit) for graduation.

## Pre-Professional Opportunities

If a student is pursuing a pre-professional curriculum and wishes to receive a bachelor's degree from Auburn University at Montgomery, the student should consult the appropriate advisor before the end of the sophomore year to arrange a degree program.

### Pre-Law (PL)

#### (Also designated in the School of Sciences)

Students who plan to attend law school must first obtain a bachelor's degree, and this can be in any one of the majors in this catalog. Students are encouraged to major in one of the disciplines that the American Bar Association recommends as inculcating a broad cultural background, habits of intellectual curiosity and scholarship, the ability to organize materials and communicate the results, and verbal skills. A survey of *Bench and Bar* lists these courses in order of preference: English language and literature, political science, economics, American history, mathematics, English history, Latin, logic and scientific methods, and philosophy.

Most law schools do not prescribe any particular curriculum of pre-law study, but normally require as a condition for admission that the applicant has successfully completed the following undergraduate work or its equivalent:

English Composition (EH 101 and EH 102) .....	10
English or American Literature (EH 253, EH 254, EH 257, EH 258) .....	10
American History (HY 201 and HY 202) .....	10
Political Science (including U.S. Government-PO 101) .....	10
Principles of Economics (EC 201 and EC 202) .....	10

Additional recommended courses are English language and literature, mathematics, English history, philosophy, psychology, sociology, foreign languages, justice and public safety, accounting, computer science, and public speaking. Since other requirements must be met, completion of these courses does not ensure admission.

Interested students should consult the pre-law advisor in the School of Liberal Arts and should examine the requirements of the specific law school they wish to attend for identification of the needed curriculum.

The interdisciplinary Pre-Law Advisory Committee has been established to advise pre-law students until they select a major. Students are encouraged to select their major as early as possible but not later than the completion of their fifth academic quarter. After students select their major, the Pre-Law Advisory Committee will coordinate with the advisor in the selected major area to provide information and encourage course selections supporting the pre-law goal of the students. Students should contact the dean of their particular school of interest for names and assignments of pre-law advisors.

## **Gerontology (GER)**

**(Also designated in the School of Sciences)**

Auburn University at Montgomery, in cooperation with the Center for the Study of Aging at the University of Alabama, offers a sequence of courses in gerontology. The aim of the courses is to transmit a core of cognitive knowledge and skills in gerontology. The University of Alabama awards a Specialist in Gerontology Certificate to postbaccalaureate students completing five required courses. Since the certificate is not a degree program, graduate students may count the same courses toward the certificate and a graduate degree. Upper-level undergraduate students may count the courses as credit toward their degree program. Students should consult with individual departments to determine whether gerontology courses may be applied to degree programs in which they have an interest.

# Description of Courses

## Anthropology (ANT)

- 210. Principles of Physical Anthropology (5).**  
An introduction to human evolution and population genetics with emphasis on the interpretation of hominid fossil record. A review will be made of archaeological techniques and of contemporary human populations and their adaptation to varying environmental factors.
- 211. Cultural Anthropology (5).**  
A study of the ways of life among preliterate and literate peoples. Special attention is given to a comparative analysis of preliterate societies throughout the world.
- 212. Introductory Archaeology (5). Pr., sophomore standing.**  
The history, principles, and methods of investigating and reconstructing past cultures.
- 300. Prehistory of North America (5). Pr., ANT 211 or ANT 212.**  
Prehistory of North America, emphasizing peopling of the New World, earliest American Indian cultures, and later regional developments from Pleistocene times until European exploration and conquest. (Same as HY 300.)
- 310. Special Topics in Anthropology (1-5). Pr., permission of instructor.**  
Intensive examination of selected topics from an anthropological perspective. Topics will be announced prior to the beginning of each quarter. May be repeated for a maximum of 10 hours credit.
- 312. The North American Indians (5). Pr., ANT 210, ANT 211, or ANT 212.**  
A cultural survey of native America. Description and analysis of the specific features of representative Indian cultures and cultural developments. (Same as HY 312.)
- 325. Kinship and Social Organization (5). Pr., junior standing or departmental approval.**  
A cross-cultural examination of the nature, form, and function of such social institutions as kinship, marriage, and family as well as age, gender, and kin groups. Preliterate kin categories and ways in which they are related to accepted values, norms, and rituals will be explored.
- 371. Culture and Personality (5). Pr., ANT 211 or PG 211.**  
A critical survey of the field of culture and personality and of the principal concepts and methods employed in studying sociocultural factors in personality development; the nature of the relationship between an individual and her/his culture, including a brief examination of national character studies.
- 374. Anthropology and Health (5). Pr., ANT 210 or ANT 211.**  
An introduction to cultural norms, perspectives, and perceptions of health care. Focus on the role of cultural and ethnic beliefs and adaptations pertaining to matters of sickness, curing, and well-being in modern as well as traditional societies.
- 376. Ethnology: Peoples of a Selected Culture Area (5). Pr., ANT 211.**  
A survey of cultural anthropology and archaeology in a selected global culture area (such as the Pacific, South Asia, or sub-Saharan). Focus on comparative analyses of major cultural developments and concerns, including origins, migrations, and adaptations. May be repeated for a maximum of 10 hours credit.

- 380. New World Civilizations (5). Pr., ANT 211.**  
A survey of the prehistory of Mexico, Peru, and adjacent areas, tracing the development of state-level societies from the earliest inhabitants to European contact. The Teotihuacan, Aztec, Mayan, and Peruvian cultures are emphasized. (Same as HY 380.)
- 390. Language in Culture and Society (5). Pr., ANT 211.**  
An introduction to the examination of the relationship between languages and their cultures and societies. Universal features of language and language as a mirror to reflect the diversity in society and culture will be explored. The nature and direction of language change will also be discussed.
- 403. Cultural and Social Change (5). Pr., ANT 211 and junior or senior standing.**  
Contemporary traditional and urban cultures, and recent research in cultural change. Emphasis is placed on the causes and consequences of cultural and social change in traditional, modern, and post modern societies.
- 409. Anthropology of Religion (5). Pr., ANT 211 and junior standing.**  
An examination of preliterate religion and cross-cultural aspects of beliefs and rituals pertaining to natural and supernatural powers. Focus will be placed on the way in which these beliefs and practices are interrelated with the sociocultural life-styles of preliterate people.
- 470. Field Archaeology (5-10). Pr., permission of instructor.**  
A practical on-the-site course designed to acquaint the student with techniques used in the field by archaeologists. The student will learn through actual involvement the techniques of excavation, site mapping, data recording, artifact recovery, and photography.
- 472. Laboratory Techniques in Archaeology (3-5). Pr., ANT 470 and permission of instructor.**  
An archaeological laboratory methods course designed to instruct the student in the analysis, preservation, cataloging, and restoration techniques of cultural, botanical, and osteological materials from archaeological sites.
- 475. Advanced Field Archaeology (3-5). Pr., permission of instructor.**  
The application of archaeological field methods to an individual project which is part of a supervised archaeological field program.
- 498. Independent Study (1-5). Pr., senior standing and permission of instructor.**  
Independent reading and/or research in selected areas of anthropology.

## Communication (COM)

### Speech Communication

- 101. Introduction to Human Communication (5).**  
An introduction to the basic concepts involved in the study of speech communication and the application of these concepts through performance in various contexts, such as interpersonal, small group, and public address.
- 110. Voice and Diction (5).**  
The study of effective voice development and phonetics with practice in phonation, articulation, and pronunciation.
- 211. Public Speaking (5).**  
Structure, style, and delivery of various types of speeches for different occasions. Theory and study of current examples combined with practice.

- 213. Group Discussion and Decision Making (5).**  
The values and limitations of discussions, the prerequisites of reaching agreement, leadership in small group discussion, and systematic approaches to group discussion are among the topics covered with a focus on decision making.
- 214. Argumentation Theory and Debate (5). Pr., COM 101.**  
Study of the principles of argumentation (e.g., evidence, reasoning, refutation, etc.) and their application. Emphasis is on argument construction and analysis in debate and other settings.
- 220. Practicum in Forensics (2). Pr., permission of instructor.**  
Study of and tournament experience in extemporaneous speaking, impromptu speaking, oral interpretation, and debate. Practicum may be repeated for a total of 10 hours credit.
- 225. Introduction to Political Communication (5).**  
An analysis of the role of communication in the political arena, political campaigning, political office-holding, and lobbying.
- 300. Oral Interpretation (5). Pr., COM 101 or EH 102.**  
Basic techniques and application of oral interpretation in reading prose, poetry, and drama. (Same as TH 300.)
- 312. Interpersonal Communication (5).**  
A study of the communication process in various interpersonal contexts. Designed to improve communication skills in naturally-occurring dyads and groups as well as in more structured settings such as counseling sessions and business interviews. Considers problems of conflict management.
- 327. Analysis of Political Discourse (5).**  
An investigation of critical approaches to the study of political discourse. Emphasis is upon the analysis of political texts from a variety of sources and in a variety of settings.
- 330. Selected Topics in Speech Communication (1-5). Pr., permission of instructor.**  
An exploration of a theme from any area of speech communication having contemporary relevance. Course may be repeated for a total of 15 credit hours, provided a different theme is selected each time.
- 335. Communication and Gender (5) Pr., none.**  
Study of the theoretical relationships between communication and the formation and the enactment of sex roles as well as sex differences in communication and implications of those differences.
- 403. Communication Theory (5). Pr., COM 101 and junior standing.**  
Considers the major theoretical approaches to and issues involved in the study of human communication. Various psychological and sociological conceptualizations of the communication process will be covered, ranging from mechanistic to interpretive positions.
- 411. Theories of Persuasion (5). Pr., COM 101 and junior standing.**  
Considers the major social and psychological approaches to the study of attitudes and attitude change. In addition to the study and analysis of theory in the area, there is focus on the persuasive campaign in various contexts.
- 413. Empirical Research Methods (5). Pr., COM 101.**  
An introduction to methods of experimental and field research in human communication, including experimental design, subject selection, instrumentation, rules of inference, and elementary statistical procedures. Intended to help students become informed consumers of the research literature in communication.

- 414. Survey of Rhetorical Theory (5). Pr., COM 101 and junior standing.**  
History of theories of discourse tracing major concepts, trends, and contributions of classical through contemporary orientations.
- 415. Rhetorical Analysis and Criticism (5). Pr., COM 101 and junior standing.**  
A study of methods of the analysis and criticism of rhetorical texts. Emphasis is upon tracing the relationship among text, rhetor, and audience.
- 428. Independent Study in Speech Communication (1-5). Pr., junior standing and permission of instructor.**  
Special research problem or project in speech communication, developed through approved activities under the direction of the instructor.
- 430. Internship in Speech Communication (5). Pr., permission of instructor.**  
Independent internship with a communication professional. The student must submit an application for the internship and must meet the qualifying criteria for the internship.

## Speech-Language Pathology and Audiology

- 320. Introduction to Sign Language (5).**  
Introductory course in manual communication used by the deaf. Includes alphabet, signs (with emphasis on signed English), and an understanding of the world of the deaf. Highly recommended for students in health care fields, justice and public safety, social work, and other areas which lead to careers involving public contact.
- 340. The Speech and Hearing Mechanism (5).**  
Anatomy and physiology of the speech and hearing mechanism.
- 350. Introduction to Speech Pathology and Audiology (5).**  
A basic study of the fields of speech pathology and audiology. Includes basic information concerning processes and development of speech and language, disorders of speech, and clinical practice in the profession of speech pathology. Also included is an introduction to the profession of audiology, bases of sound and the hearing mechanism, disorders of hearing, and clinical practice in audiology.
- 355. Clinical Procedures in Speech (1-3). Pr., junior standing or permission of instructor.**  
Orientation and introduction to supervised clinical activity dealing with speech disorders. Clinical practice required. Course may be repeated for credit.
- 365. Clinical Procedures in Audiology (1-3). Pr., junior standing or permission of instructor.**  
Orientation and introduction to supervised clinical activity dealing with auditory disorders. Clinical practice required. Course may be repeated for credit.
- 441. Phonetics (5). Pr., junior standing or permission of instructor.**  
Basic study of the sound system of the English language. Includes principles of sound production, phonetic transcription, and the acoustical basis of phonetics. (Same as TH 441.)
- 450. Principles of Speech Correction (5). Pr., junior standing or permission of instructor.**  
Basic principles underlying a speech correction program in a school setting. Description and discussion of speech disorders; surveys and identification techniques. This course may be taught concurrently with COM 650.



- 451. Articulation and Phonological Development and Disorders (5). Pr., junior standing or permission of instructor.**  
The developmental aspects of articulation and phonology, including assessment and treatment procedures. This course may be taught concurrently with COM 651.
- 452. Voice and Fluency Disorders (5). Pr., junior standing or permission of instructor.**  
The nature and treatment of disorders of fluency and voice. This course may be taught concurrently with COM 652.
- 453. Language Development (5). Pr., junior standing and permission of instructor.**  
Models of language development with emphasis on cognitive-linguistic-pragmatic dimensions. This course may be taught concurrently with COM 653.
- 454. Diagnosis and Clinical Management in Speech-Language Pathology (5). Pr., junior standing and permission of instructor.**  
Evaluation and clinical management of speech-language disorders with emphasis on assessment techniques and therapeutic principles and processes. This course may be taught concurrently with COM 654.
- 460. Introduction to Audiology (5). Pr., junior standing.**  
Principles of auditory reception, the hearing mechanism, and the problems involved in measuring, evaluating, and conserving hearing. This course may be taught concurrently with COM 660.
- 461. Hearing Pathology (5). Pr., COM 460 or equivalent and junior standing.**  
Types and causes of auditory disorders; basic principles of special auditory tests for site of lesion. This course may be taught concurrently with COM 661.
- 462. Aural Rehabilitation, Habilitation, and Hearing Conservation (5). Pr., COM 460 or equivalent and junior standing.**  
Rehabilitation of aurally handicapped children and adults with emphasis on auditory training, speech reading, and hearing aids. This course may be taught concurrently with COM 662.
- 468. Independent Study in Speech-Language Pathology and Audiology (1-5). Pr., junior standing and permission of instructor.**  
Special research problem or project in speech-language pathology and audiology developed through approved activities under the direction of the instructor.

## Mass Communication

- 210. Mass Media and Society (5).**  
A critical examination of the purposes, functions, and effects of the mass media on individuals, institutions, culture, and social structure. (Same as SY 210.)
- 270. Fundamentals of Journalism (5). Pr., EH 102.**  
An introduction to the role of the journalist in society and the uses of language in journalistic writing. Emphasis on writing fundamentals.

- 271. Introduction to Personal Computing (5). Pr., freshman or sophomore standing, or permission of instructor.**  
Introductory-level course covering primary hardware and software components. Focus is on understanding the most common functions, such as file/folder creation and organization using Microsoft Windows. Basic word processing skills are covered using Word for Windows. There is a parallel focus on the Information Age in general as well as a basic understanding of the Internet. This is a lab course, so enrollment is limited to the number of computers available.
- 274. Reporting I (5). Pr., EH 102, COM 270.**  
Introduction to print and electronic media news gathering, news evaluation, reporting practice, and news editing.
- 275. Journalism Practicum (1-5). Pr., COM 270, COM 274.**  
Practical work experience on the student newspaper or other publications as approved by advisor. Students would earn 1 to 5 credit hours up to a maximum of 5 hours of work on the Aumnibus or other publications as approved by the advisor. Only the grades of "S" (Satisfactory) and "U" (Unsatisfactory) will be assigned.
- 276. Radio Broadcast Production I (5). Pr., COM 274.**  
Introduction to basic broadcast production (radio). Stresses familiarity with audio production equipment; using the equipment as a vehicle for broadcast entertainment, news, and public affairs programming.
- 278. Broadcast Journalism (5). Pr., COM 274, COM 276.**  
Principles and practice of broadcast journalism with an emphasis on radio news. Writing and production of news programs, specials, and documentaries.
- 280. Broadcast Announcing (5). Pr., COM 276.**  
Principles and skills of broadcast announcing will be covered, with concentration in news, music, and sports announcing; commercials and public service announcements; formats of musical programming; interview techniques; pronunciation and American English usage; and voice quality and articulation. An emphasis on radio announcing.
- 299. Communication Media in the Information Society (5). Pr., none.**  
An examination of the development and convergence of mass media and information technologies and implications of their effects on society.
- 370. Broadcast Copywriting (5). Pr., COM 274.**  
A practical introduction to the principles, forms, and skills of writing for radio, television, and cable television.
- 371. History of the American Press (5). Pr., COM 210 or permission of instructor.**  
A study of the American press, its development and influence on society from 17th-century England to the present.
- 372. Feature Writing (5). Pr., COM 210, EH 102.**  
Techniques and styles in newspaper and magazine feature articles.
- 374. Reporting II (5). Pr., COM 274.**  
Advanced print and electronic media news gathering, news evaluation, reporting practice and methods, and news editing.
- 375. Advertising Media (5). Pr., COM 210 or permission of instructor.**  
Evaluation of media as vehicles for advertising messages in terms of cost, production capability, audience reach and selectivity, and other factors.

- 376. Radio Broadcast Production II (5). Pr., COM 276.**  
Advanced broadcast production (radio) skills will be taught, emphasizing use of the equipment as a vehicle for broadcast entertainment, news, and public affairs programming.
- 378. Photojournalism (5). Pr., COM 274.**  
Use of photography in journalism, advertising, public relations, and other areas of mass media.
- 380. Public Relations I (5). Pr., EH 102.**  
Principles and practice of publicity and public relations; public relations programs and planning. Case studies.
- 381. Desktop Publishing (5). Pr., permission of instructor.**  
Techniques and practice in planning and producing in-house publications for journalism, public relations, and advertising applications, using personal computers. Basic knowledge of keyboarding and computer skills is assumed.
- 382. Foundations of Broadcasting (5). Pr., COM 210.**  
Study of American broadcasting systems, emphasizing historical, sociological, economic, and legal aspects of the electronic media and their influence on society.
- 383. Public Opinion and Propaganda (5). Pr., junior or senior standing.**  
A study of public opinion in relation to social control and collective behavior. Special attention is given to the mass media, the public opinion process, and propaganda agencies and techniques. (Same as SY 383.)
- 384. Writing for Public Relations (5). Pr., COM 380.**  
Forms and styles of public relations writing, stressing essential skills of written communication needed in public relations.
- 385. Advertising Copywriting (5). Pr., COM 210 or permission of instructor.**  
Introduction to and practice with forms and styles of writing in advertising, tailoring formats to those used in newspaper, magazine, television, radio, and other media.
- 386. Principles of Editing (5). Pr., COM 210, COM 274.**  
Concepts and techniques for processing news for various media: copy editing, headline writing, page make-up, proofreading; the editorial page.
- 387. Magazine Journalism (5). Pr., COM 274.**  
Instruction and practice in planning, writing, and editing magazines.
- 388. Survey of Mass Communication Research (5). Pr., COM 210.**  
Stresses familiarity with journals in the field to find current information and gain understanding of trends in mass communication
- 389. On the Internet I (5). Pr., COM 271 or equivalent.**  
Focus in on modern telecommunication, electronic publishing, and research using Internet resources. Students will learn the basics of setting up an Internet connection/account and using e-mail, news groups, mailing lists, topic searches, file retrieval, and the World Wide Web. Emphasis will be given to the use of the electronic media for retrieving and disseminating information. Desktop publishing and other communication skills will be developed in the presentation, structure, and content of World Wide Web home pages to be built by the class.
- 390. The Documentary Form (5). Pr., EH 102.**  
Study of the process of communication and persuasion through film and television. Stresses viewing, analysis, and discussion of key documentaries.

- 470. Seminar in Mass Media (5). Pr., COM 210.**  
Focus to be announced at each scheduling of the course. May be repeated once for credit.
- 471. Mass Communication Theory (5). Pr., COM 210 and junior standing.**  
A study of the major concepts in mass communication theory. Review of literature and theories on effects of mass media on individuals, groups, and institutions in society.
- 472. Critical Issues in Mass Media (5). Pr., COM 210.**  
Critical analysis of the purpose, functions, and effects of the mass media, with emphasis on ethical issues.
- 473. Multimedia I (5). Pr., COM 271 or equivalent.**  
Using computers for interactive communication including movement, graphics, and sound. Introduces authoring tools, assembly of programs, macromedia, and graphics.
- 474. Print Media Advertising (5). Pr., MT 432, junior standing or permission of instructor.**  
Principles and processes in evaluating and using print media for advertising. Introduction to layout and design.
- 475. Media Production Laboratory (5). Pr., MT 433 or COM 474 or permission of instructor.**  
What the editor or publication planner must know about the creation of materials for print media production.
- 477. Broadcast Media Management (5). Pr., COM 382.**  
Organization and function of broadcast media.
- 480. Public Relations II (5). Pr., COM 380, COM 384.**  
Case study work on public relations problems for the university and the community.
- 481. Creative Strategy in Advertising (5). Pr., COM 210 or permission of instructor.**  
Channeling creativity into attention-getting and appropriate ideas for the media and audiences for advertising messages.
- 482. Media Law and Ethics (5). Pr., junior standing and permission of instructor.**  
Origins and background of laws governing the mass media; consideration of ethical problems of the media.
- 483. Strategic Advertising Campaign (5). Pr., MT 331, MT 432.**  
A capstone course in advertising designed to bring together students in marketing, communication, and art to develop a national advertising campaign. (Same as MT 483.)
- 484. Mass Communication Research Methods (5). Pr., COM 388 or permission of instructor.**  
Understanding the development, practices, and procedures of the mass media by applying research methods.
- 485. Historical Research in Journalism and Mass Communication (5). Pr., COM 388, COM 484, or permission of instructor.**  
Methods and techniques of historical research in journalism and other mass media. Individual research projects and readings; investigation and application of historiographic methods.

- 486. Media Internship (5-15). Pr., junior standing and permission of Internship Coordinator.**  
Nonpaying positions at local mass media outlets learning journalism, advertising, broadcasting, and public relations skills. Only the grades of "S" (Satisfactory) and "U" (Unsatisfactory) will be assigned.
- 487. Advanced Desktop Publishing (5). Pr., COM 381 or equivalent.**  
Emphasis on typography in desktop publishing, with projects and assignments to broaden experience with an awareness of good type management and some of the higher-level functions of the desktop publishing software. Includes more advanced scanning, scaling, and importing of graphics.
- 488. Independent Study in Mass Communication. Pr., junior standing and permission of instructor.**  
Only for special research problem or project in the area of journalism, public relations, or advertising, developed through approved activities under the direction of the instructor.
- 490. International Mass Communication (5). Pr., junior standing.**  
A comparative analysis and study of worldwide broadcasting and print media.

## English (EH)

- 090. Developmental English (5).**  
Elements of English grammar and composition for special writing deficiencies. Only the grades "S" (Satisfactory) and "U" (Unsatisfactory) will be assigned. This course will not substitute for EH 101 or EH 102. Credit for EH 090 is in addition to the minimum degree requirements.
- 101. English Composition I (5). Pr., adequate performance on departmental tests or passing EH 090.**  
The essentials of composition and rhetoric.
- 101H. English Composition I, Honors Section (5). Pr., permission of instructor.**
- 102. English Composition II (5). Pr., EH 101.**  
The essentials of composition and rhetoric, with study of research skills.
- 102H. English Composition II, Honors Section (5). Pr., permission of instructor.**
- 192. Computer Skills for English Majors (2). Pr., EH 102.**  
Introduction to computer skills necessary for research and writing in language and literature, including word-processing, database access and research, and on-line research.
- 253. Survey of English Literature I (5). Pr., EH 102.**  
English literature from Beowulf through the 18th century.
- 254. Survey of English Literature II (5). Pr., EH 102.**  
English literature from the beginning of the 19th century to the present.
- 257. Survey of American Literature I (5). Pr., EH 102.**  
American literature from the beginning to 1860.
- 258. Survey of American Literature II (5). Pr., EH 102.**  
American literature from 1860 to the present.
- 260. Survey of Literature of the Western World I (5). Pr., EH 102.**  
Ancient, classical Greek and Roman, medieval, and Renaissance literature, including selected British masterworks.

- 261. Survey of Literature of the Western World II (5). Pr., EH 102.**  
The study of 17th-, 18th-, 19th-, and 20th-century literature, including selected British and American masterworks.
- 300. Competency in Writing (2). Pr., EH 101 and EH 102, with the required university English composition "C" average or higher.**  
A review of composition skills, with practice in writing for specific fields. Only the grades "S" (Satisfactory) and "U" (Unsatisfactory) will be assigned. May not be used as a substitute for the university English composition requirement or for EH 303, EH 305, or EH 306 in any degree program.
- 301. Topics in Creative Writing (5). Pr., EH 101 and EH 102, with the required university English composition "C" average or higher and permission of instructor.**  
Instruction in writing and critiquing poetry, fiction, nonfiction, plays, or screenplays. The focus will be announced at each scheduling of the course. Students will also read and discuss selected examples of relevant literature. Methods of publishing and fundamentals of the literary market will be studied. May be repeated twice for credit when the topics vary.
- 303. Technical Writing (5). Pr., EH 101 and EH 102, with the required university English composition "C" average or higher.**  
Designed to help the pre-engineering and science major organize and communicate technical information. The course includes a series of short reports, a proposal for research, and a longer researched report. The emphasis of the course will be on research, style, and organization strategies, with some attention given to visual presentations of information and interpretation of data.
- 304. Studies in Literature and Film (5). Pr., EH 102.**  
Comparisons of British and American books, stories, and films. Critiques the films for their literary values and evaluates the problems they present to writers and filmmakers. Focuses on specified genres, periods, directors, and writers.
- 305. Advanced Expository Writing (5). Pr., EH 101 and EH 102, with the required university English composition "C" average or higher.**  
The practice and theory of expository writing; the command of language for clear and forceful communication of ideas. Attention given to practical composition, including research writing and writing in special fields.
- 306. Business and Professional Writing (5). Pr., EH 101 and EH 102, with the required university English composition "C" average or higher.**  
The essential skills of written communication in a business environment; report writing, letters, and other modes of business communication.
- 307. Topics in English Language and Linguistics (5). Pr., EH 102.**  
Studies in the system, structure, and special areas of the English language. A topic—such as Regional and Social Dialects in Life and Literature, New Directions in Grammar, Selected Old and Middle English Texts, or Black English(es)—will be announced at each scheduling of the course. May be repeated once for credit when the topic varies.
- 310. Contemporary Themes in Literature (5). Pr., EH 102.**  
The exploration of themes having modern-day interest through an examination of their treatment, stressing British and American literary works.
- 315. Special Topics in Literature (5). Pr., EH 102.**  
Focus to be announced at each scheduling of the course. May be repeated once for credit.

- 325. The Short Story (5). Pr., EH 102.**  
The development of the short story, particularly in America and England, from the early 19th century to the present.
- 328. Introduction to Literary Genres (5). Pr., EH 102.**  
The fundamentals and practice of literary analysis applied to the form and technique of a major literary genre—poetry, drama, or fiction—including the terminology and kinds of works specific to it. May be repeated for credit with a different genre as focus.
- 335. Literature and Myth (5). Pr., EH 102.**  
A study of the sources and subsequent expressions of major archetypal myths in Western literature.
- 336. The Bible as Literature (5). Pr., EH 102.**  
Historical-critical analyses of selected books from the Old or New Testament: what was their historical context, how were they composed, and what did they mean to their original audience? Specific texts or focus to be announced at each scheduling of the course.
- 371. Authors and Topics in British Literature (5). Pr., EH 102.**  
Studies in British literary works focusing on subject matter, regions, ideas, techniques, or movements and ranging from the Arthurian legend to the Bloomsbury Group to the contemporary scene. The topic will be announced at each scheduling of the course. May be repeated once when the topic varies.
- 372. Authors and Topics in American Literature (5). Pr., EH 102.**  
Studies in American literary works focusing on subject matter, regions, ideas, techniques, or movements and ranging from Transcendentalism to Yoknapatawpha County to the contemporary scene. The topic will be announced at each scheduling of the course. May be repeated once when the topic varies.
- 375. Authors and Topics in British and American Literature (5). Pr., EH 102.**  
Combined studies in British as well as American literary works focusing on trans-Atlantic subject matter, ideas, techniques, or schools and ranging from Puritanism to Romanticism and Realism to the contemporary scene. The topic will be announced at each scheduling of the course. May be repeated once when the topic varies.
- 403. Technical Editing and Style (5). Pr., EH 102 and junior standing.**  
A course in applied stylistics, directed toward writing and editing documents for audiences and purposes related to the workplace. Moves from general rhetorical theory to specific language decisions the editor must make in preparing publications. May be offered concurrently with EH 603.
- 404. Special Topics in Research and Writing (1-5). Pr., junior standing and permission of instructor.**  
Instruction and practice in specialized fields of research and writing, such as advanced scholarly projects, archival studies, computer research, grant proposals, or community publications. The focus will be announced at each scheduling of the course. The course may be repeated for credit twice when the topics vary. May be offered concurrently with EH 604.
- 405. Advanced English Grammar (5). Pr., junior standing.**  
A survey of the structure and grammar of English, with intensive examination of selected issues in sentence grammar. May be offered concurrently with EH 605.



- 406. Rhetoric and Style (5). Pr., junior standing.**  
Study of composition theory and the composing process for teachers and writers. May be offered concurrently with EH 606.
- 407. History of the English Language (5). Pr., junior standing.**  
The chronological development of the English language. May be offered concurrently with EH 607.
- 408. Literary Criticism (5). Pr., junior standing.**  
A study of the history and fundamental principles of literary criticism from Aristotle to the present. May be offered concurrently with EH 608.
- 409. Writing Across the Curriculum (5). Pr., junior standing.**  
Strategies and practice for incorporating writing into the learning process in all curricula. May be offered concurrently with EH 609.
- 410. Editing and Editors (5). Pr., junior standing.**  
Instruction and practice in the art of editing in several styles and for varied purposes. May, at the discretion of the instructor, involve an internship or conferences with practicing editors. Emphasizes university press, trade book publisher, and/or feature magazine approaches. May be offered concurrently with EH 610.
- 411. Internship in Editing and Writing (1-10). Pr., junior standing and 10 hours in upper-level rhetoric, writing, linguistics, or editing courses, including EH 303, EH 305, EH 306, EH 307, EH 403, EH 404, EH 405, EH 406, EH 407, EH 409, or EH 410, along with departmental approval.**  
On-the-job training in editing, word-processing, drafting, or other duties of an assistant editor. The student's progress is monitored by a supervising professor. May be offered concurrently with EH 611.
- 413. Studies in Mythology (5).**  
An examination of the origin, nature, and transmission of myth, as well as the importance of myth to cultural traditions and cohesiveness. A specific focus will be announced when the course is offered, investigating such topics as the hero in myth and literature, gender images in literature and mythology, or myth in modern literature and film. May be offered concurrently with EH 613.
- 415. Medieval Literature (5). Pr., junior standing.**  
A study of English and selected Continental literature from the Old English elegy through *Morte D'Arthur*. May be offered concurrently with EH 615.
- 416. Chaucer (5). Pr., junior standing.**  
The major works of Geoffrey Chaucer in Middle English. May be offered concurrently with EH 616.
- 421. Poetry and Prose of the English Renaissance (5). Pr., junior standing.**  
The nondramatic literature of the Tudor period, stressing the humanist poets and prose writers. May be offered concurrently with EH 621.
- 426. Shakespeare I (5). Pr., junior standing.**  
A study of the plays written before 1600, emphasizing comedies. May be offered concurrently with EH 626.
- 427. Shakespeare II (5). Pr., junior standing.**  
A study of the plays written after 1600, stressing tragedies. May be offered concurrently with EH 627.
- 431. Poetry and Prose of the 17th Century (5). Pr., junior standing.**  
The nondramatic literature of the 17th century with an emphasis on Milton, the Metaphysical poets, and the important prose writers. May be offered concurrently with EH 631.



- 441. 18th-Century Poetry and Prose (5). Pr., junior standing.**  
Selected British poetry and prose from the Restoration to the mid-18th century. May be offered concurrently with EH 641.
- 443. British Fiction I (5). Pr., junior standing.**  
British fiction, particularly the novel, from Daniel Defoe to Jane Austen. May be offered concurrently with EH 643.
- 451. The English Romantic Movement (5). Pr., junior standing.**  
A study of Romantic poetry from Blake through Keats. May be offered concurrently with EH 651.
- 453. British Fiction II (5). Pr., junior standing.**  
A study of the major British fiction writers, particularly the novelists, of the 19th century. May be offered concurrently with EH 653.
- 455. Victorian Poetry and Prose (5). Pr., junior standing.**  
The major poets and nonfiction writers from 1830 to 1890. May be offered concurrently with EH 655.
- 463. British Fiction III (5). Pr., junior standing.**  
Major British fiction writers, particularly novelists, of the 20th century. May be offered concurrently with EH 663.
- 471. American Poetry (5). Pr., junior standing.**  
A study of major American poets, the focus to be announced at each scheduling of the course. May be offered concurrently with EH 671.
- 473. American Novel (5). Pr., junior standing.**  
A study of major contributions to the genre, the focus to be announced at each scheduling of the course. May be offered concurrently with EH 673.
- 475. American Theatre and Drama I (5). Pr., junior standing.**  
The history of the American stage and its dramatic literature from colonial days to 1929, including the works of such playwrights as Tyler, Mowatt, Daly, Howard, Herne, Moody, Crothers, and Barry. May be offered concurrently with EH 675.
- 476. American Theatre and Drama II (5). Pr., junior standing.**  
A study of major developments in the history of American theatre from 1929 to the present, emphasizing the works of playwrights such as O'Neill, Williams, Wilder, Hellman, Miller, Inge, and Albee. May be offered concurrently with EH 676.
- 477. Studies in Southern Literature (5). Pr., junior standing.**  
Authors, works, and literary movements associated with the American South, including such topics as Colonial writers, slavery and slave narratives, the Civil War in Southern literature, Southern Gothic, or Southern women writers. May be repeated once for credit when topics vary. May be offered concurrently with EH 677.
- 478. Studies in Children's Literature (5). Pr., junior standing.**  
Topics on theme, genre, narrative, character, popular reception, publishing history, and other subjects relating to literature written for young audiences. A designated focus, such as "The Child as Hero," will be announced each time the course is scheduled. May be repeated once when the topics vary. May be offered concurrently with EH 678.
- 481. Modern Poetry (5). Pr., junior standing.**  
Studies of 20th-century poets and poetic movements of England and America, along with European influences. May be offered concurrently with EH 681.

- 482. Studies in American Literature (5). Pr., junior standing.**  
Topics illustrating selected experiences, voices, and themes of United States authors, including those describing ethnic identities such as African-American or Asian-American, but also literary movements like American Realism, Literary Naturalism, or the Harlem Renaissance. The focus will be announced at each scheduling of the course. May be repeated twice when the topics vary substantially. May be offered concurrently with EH 682.
- 483. Studies in British and American Literature (5). Pr., junior standing.**  
Topics combining British as well as American literary works, and examining themes, movements, or other phenomena that illustrate trans-Atlantic connections. The focus will be announced at each scheduling of the course. May be repeated twice when the topics vary. May be offered concurrently with EH 683.
- 484. Studies in Literary Form (5). Pr., junior standing.**  
Topics in the development and artistry of a particular genre or sub-genre, such as the essay, the autobiography, the letter, the travel narrative, the literary biography, or the diary and journal. May be repeated twice when the topics vary. May be offered concurrently with EH 684.
- 485. Studies in Drama (5). Pr., junior standing.**  
Examination of a sub-genre or period of drama, such as tragedy, Restoration comedy, 18th-century British drama, or modern drama, to be specified for each course scheduling. May be repeated twice when the topics vary. May be offered concurrently with EH 685.
- 498-499. Readings in English (1-5). Pr., departmental approval.**  
Individual study programs in literature or language as determined by the instructor and student. A minimum of two written assignments required. May not duplicate regular course offerings.

## Fine Arts (FA)

- 100. Drawing 1 (5).**  
Object drawing. Media: charcoal, pencil, ink, etc.
- 110. Design (5).**  
Exploration of the basic elements and principles of two-dimensional design. Limited color; various media.
- 135. Three-Dimensional Design (5).**  
Introduction to the basic elements and principles of three-dimensional organization. Problem-solving and analysis skills explored, using various media.
- 200. Drawing 2 (5). Pr., FA 100.**  
A continuation of object drawing with emphasis on representation of volume.
- 201. Linear Perspective (5).**  
Fundamentals of one-, two-, and three-point perspective, dividing and multiplying space. Proportion and scale drawing. Studio project application.
- 210. Color (5).**  
Principles and practices in use of color.
- 215. Principles of Photography (5).**  
Uses of photography in journalism, advertising, public relations, and fine arts. Camera work, developing, and printing.

- 220. Beginning Painting (5).**  
Painting in oil (and/or possibly other media) in abstract and representational modes.
- 225. Typography 1 (3). Pr., FA 370.**  
Emphasis on fundamentals and traditional techniques of typography with a survey of the history of typography.
- 226. Typography 2 (5). Pr., FA 225.**  
Experience in letter forms with emphasis on the creative use of type on the computer.
- 235. Sculpture 1 (5).**  
Introduction to sculptural problems, practices, and materials.
- 261. Art Appreciation (5).**  
An informal presentation of works of art and ideas designed both to challenge and stimulate the lay student to apprehend visual expression and then to develop esthetic discernment. Not recommended for Visual Arts major.
- 270. Visual Thinking (5).**  
Using personal computers to understand the use of graphic language as a tool for visual thinking. Computer programming and drawing skills are not required.
- 281. Public School Art (5).**  
Materials and methods for the development of art activities in elementary and secondary schools.
- 295. Ceramic Handbuilding Techniques (5).**  
An introduction to the properties and uses of clay involving handbuilding techniques and basic glazing and firing procedures.
- 300. Drawing 3 (5). Pr., FA 200.**  
Emphasis on creativity and composition; various media.
- 310. Watercolor (5).**  
Configurational studies in aqueous media on paper. May be repeated for credit.
- 315. Advanced Photography (5). Pr., FA 215.**  
Development of a personal style; black and white photography as a fine arts form. More advanced shooting and lab techniques and a survey of the works and styles of noted photographers.
- 320. Advanced Painting 1 (5). Pr., FA 220.**  
Painting in oil (and/or possibly other media) in abstract and representational modes (a continuation at the intermediate level of FA 220 Beginning Painting).
- 325. Graphic Procedures (5). Pr., FA 225.**  
Principles, disciplines, and techniques of graphic design.
- 335. Sculpture 2 (5). Pr., FA 235.**  
Problems in various sculptural media chosen and undertaken by the student with concurrence of the instructor. May be repeated for credit.
- 336. Wood Sculpture (5). Pr., FA 335.**  
An exploration of various wood carving, fabricating, and finishing processes.
- 340. Screenprinting (5).**  
Drawing and design utilizing screenprinting. May be repeated for credit.
- 351. Art History 1 (5).**  
A survey of the visual arts from prehistory to the Early Renaissance.

- 352. Art History 2 (5).**  
A survey of the visual arts from the Early Renaissance to the last decades of the 19th century.
- 353. Art History 3 (5).**  
Analysis of the visual arts produced in the West from the last half of the 19th century to the present.
- 355. Introduction to Art Museology (5).**  
A survey of the history, function, and organizational structure of art museums. Focus will be on the philosophy of museum collecting and the museum's relationship to the larger community.
- 356. Curatorial Theory and Practice (5). Pr., FA 355.**  
An overview of curatorial responsibilities within a general art museum setting. Study topics will include principles of connoisseurship, art historical research, environmental management and conservation. The course will be offered in a seminar format with assigned readings from texts, professional journals, and art historical references.
- 357. Museum Education and Administration (5). Pr., FA 356.**  
A study of the role and administration of the art museum as an educational institution. Topics will include educational objectives, the museum audience, materials and programs—their creation, presentation, and interpretation. Subsequent study will be devoted to administrative subject matter such as trustee relationships, personnel, public information, membership, and development.
- 358. Art Museum Internship (5). Pr., FA 357.**  
Involvement in a part-time, quarter-long internship at the Montgomery Museum consisting of approximately ten hours per week culminating in written documentation of a specific curatorial, educational, or exhibition project.
- 370. Computer Graphics 1 (5). Pr., FA 110.**  
Introduction to the computer as a tool for creating and manipulating images. Programming skills are not necessary.
- 371. Computer Graphics 2 (5). Pr., FA 370.**  
Three-dimensional modeling and the study of color for television, computer, and print media. Programming skills are not necessary.
- 372. Video Animation (5). Pr., FA 370.**  
Traditional 2-D and 3-D animation techniques updated through the use of computers. Production of short animations on videotape, emphasizing animated effects for television, advertising, and film. May be repeated for credit.
- 395. The Potter's Wheel (5).**  
Introduction to the potter's wheel and methods of functional pottery making and design. Continuation of handbuilding techniques with emphasis on form and expression. Basic clay and glaze formulation.
- 400. Drawing 4 (5). Pr., FA 300.**  
Figure drawing using various approaches and media. May be repeated for credit.
- 401. Individual Studio Project (5). Pr., department head's approval.**  
Advanced projects in the various disciplines, initiated by the student and undertaken with faculty supervision. May be repeated for credit. This course may be taught concurrently with FA 601.
- 410. Technical Drafting and Illustration (5).**  
Materials and fundamental exercises in linear perspective and technical drawing.

- 420. Advanced Painting 2 (5). Pr., FA 320.**  
Advanced painting. Optional problems and media. May be repeated for credit. This course may be taught concurrently with FA 620.
- 425. Graphic Layout and Design (5). Pr., FA 325.**  
Fundamentals of graphic design. Basic typefaces. The trademark. Preparation of art copy for production. Applied problems in advertising and editorial layout.
- 426. Air Brush Illustration (5).**  
Practice and theory of creative illustration utilizing the air brush tool and technique.
- 427. Computer Presentation Graphics (5). Pr. FA 370 or permission of instructor.**  
Advanced computer graphics. Emphasis on slide design, television, and presentation graphics. An introduction to scripting for interactive and multimedia presentations using the Macintosh computer. Programming skills are not required.
- 428. Advanced Graphic Design: Advertising Art (5). Pr., FA 110 and FA 425 or permission of instructor.**  
A senior level course to emphasize creative design solutions for typical advertising problems. Areas covered will include television storyboard, billboard, and point of purchase.
- 430. Design Practicum (5). Pr., permission of instructor.**  
For the advanced student wishing to gain experience in practical design problems under faculty direction. May be repeated for credit.
- 435. Figure Sculpting (5). Pr., permission of instructor.**  
Sculpting the human image using a variety of materials.
- 437. Welded Steel Sculpture (5). Pr., FA 335.**  
An exploration of various steel welding and finishing processes.
- 439. Metal Casting (5). Pr., FA 335.**  
An exploration of various metal casting techniques and finishing processes.
- 440. Etching (5).**  
Drawing and design utilizing intaglio (etching) media. May be repeated for credit.
- 441. Lithography (5).**  
Drawing and design utilizing lithographic media. May be repeated for credit.
- 451. Survey of Non-Western Art (5).**  
Survey of tribal, pre-Columbian, Islamic, Indian, and Far Eastern art. This course may be taught concurrently with FA 651.
- 452. Reading in Art History (5). Pr., FA 351, FA 352, FA 353.**  
Research in the literature in respect to an art historical period, personage, or problem. May be repeated once for credit.
- 453. History of Nineteenth Century Art (5).**  
An investigation beyond the survey level of Western painting, sculpture, and architecture from the late 18th through the 19th century. This course may be taught concurrently with FA 653.
- 454. The Renaissance in Italy (5).**  
An analysis of the visual arts in Italy from the Trecento through the Cinquecento to the art of Caravaggio. This course may be taught concurrently with FA 654.

- 455. History of Seventeenth- and Eighteenth-Century Art (5).**  
An investigation beyond the survey level of Western painting, sculpture, and architecture produced during the Baroque and Rococo periods. This course may be taught concurrently with FA 655.
- 459. Art Since 1945 (5).**  
A study of international art since 1945 as well as themes and issues in contemporary art. This course may be taught concurrently with FA 659.
- 460. Women in the History of Art (5).**  
A study of women artists from 1550 to the present, including cultural and social issues and historiography. This course may be taught concurrently with FA 660.
- 461. American Art (5).**  
A study beyond the survey level of the visual arts in America from the Colonial Era to the present. This course may be taught concurrently with FA 661.
- 475. Graphic Design: Electronic Layout 1 (5). Pr., FA 425 or permission of instructor.**  
Applied problems in advertising and editorial layout using personal computers.
- 476. Graphic Design: Electronic Layout 2 (5). Pr., FA 475.**  
Creative problems in advertising and editorial graphics emphasizing the use of the computer for typographic control and color image creation.
- 495. Ceramics 3 (5). Pr., permission of instructor.**  
Advanced directed study in ceramics.
- 498. Senior Project (3). Pr., senior standing in Studio emphasis.**  
A senior project culminating the Studio emphasis in visual arts under the direction of the student's concentration advisor in painting, printmaking, sculpture, or ceramics.
- 499. Senior Portfolio (5). Pr., final quarter for Graphic Design student.**  
A directed terminal studio project with student's choice of subject and medium. The project will be exhibited and it will be evaluated by a committee of art faculty. Professional quality color slides or videotape of the work must be presented to the Department of Fine Arts before the student is cleared for graduation.

## Geography (GY)

- 201. Principles of Physical Geography (5).**  
Systematic study of the basic physical elements of geography with emphasis on climate, lithology, landforms, water resources, soils, and natural vegetation.
- 205. Geography of World Regions (5).**  
A geographical appraisal of the human habitat and an introduction to patterns of economic and political activities in the present day world. A regional approach is employed in understanding some of the modern nations, states, urban complexes, and trade zones.
- 215. Cultural Geography (5).**  
Analysis of the cultural landscape in both space and time with emphasis on areal differentiation, cultural types, population distribution, and land-use patterns. Includes an investigation of the major cultural regions of the world.

- 225. Economic Geography (5).**  
Investigates the principles of economic geography through the interaction of man and his habitat with emphasis on economic types, food products, minerals, power resources, and trade patterns.
- 360. Historical Geography of the United States (5). Pr., GY 201 or GY 211.**  
A chronological study of changes in the cultural landscape of the United States with an emphasis on the development of man-made features of the present. (Same as HY 360.)
- 361. Geography of the South (5). Pr., GY 201 or GY 211.**  
Detailed microregional survey of current developments in the Southeastern United States in the light of their physical, economic, and cultural background.
- 365. Geography of Anglo-America (5). Pr., GY 201 or GY 211.**  
The evolution and differentiation of geographic regions in Canada and the United States, attention being given to both biophysical and socioeconomic conditions.
- 410. Special Topics in Geography (1-5). Pr., permission of instructor.**  
An examination of selected topics from a geographical perspective. Topics will be announced prior to the beginning of each quarter. May be repeated for a maximum of 10 hours credit. This course may be taught concurrently with GY 610.
- 420. Urban Geography (5). Pr., GY 201 or GY 211.**  
The location, character, and growth of urban centers, with special attention to their interior patterns of land use and cultural development. This course may be taught concurrently with GY 620.

## Gerontology (GER)

- 470. An Introduction to Gerontology (5).**  
An advanced interdisciplinary analysis of aging in American society from the perspective of the fields of biology, political science, economics, psychology, and sociology. This course may be taught concurrently with GER 670.
- 480. The Aging Process (5).**  
An overview of the sociological approaches to the aging process. Examination of the special problems of the aged in American society: sociological, psychological, and physiological aspects. This course may be taught concurrently with GER 680.
- 482. Legal Aspects of Aging (5).**  
Political and legal realities confronting older adults. An examination of historic and current legislative programming relevant to the aging, and strategies of political involvement and influence-building. This course may be taught concurrently with GER 682.
- 484. Research in Aging (5).**  
Methods and techniques currently employed in studying the aging process and aging population. This course may be taught concurrently with GER 684.
- 487. Aging and Health Care (5).**  
The biology of aging. The normal senescence as well as pathological conditions common to the aged. Preventive health measures, management of chronic conditions, and rehabilitative services. This course may be taught concurrently with GER 687.



- 488. Implementation and Evaluation of Programs for Older Adults (5).**  
Analysis of organizational structure and function of current programs for older adults. Administrative and management principles of program evaluation. Models of planning, programming, and budgeting systems. This course may be taught concurrently with GER 688.

## History (HY)

- 101. World History to 1648 (5).**  
A survey of world civilization from prehistory to 1648.
- 102. World History Since 1648 (5).**  
A survey of world civilization from 1648 to the present.
- 201. U.S. History to 1877 (5).**  
A survey of the political, economic, social and intellectual movements and institutions of the United States from colonial times to 1877.
- 202. U.S. History Since 1877 (5).**  
A survey of the political, economic, social, and intellectual movements and institutions of the United States from 1877 to the present.
- 204. African American History (5).**  
A study of African Americans in the United States since 1619 in light of slavery and emancipation, post-Civil War race relations, the Civil Rights movement, political and economic advancement, and the debate over integration and separatism.
- 236. English History Since 1603 (5).**  
A survey primarily of political and constitutional developments in Great Britain from 1603 to the present.
- 237. A Cultural History of Wales, Scotland, and Ireland (5).**  
A survey of the development of Celtic civilization focusing primarily on the fringe areas of the British Isles, but including overseas experiences.
- 255. A Cultural History of Russia and Eastern Europe (5).**  
A survey of the social and cultural history of the peoples of Russia and Eastern Europe, with emphasis on the conflicting world views of Western Christianity, Orthodox Christianity, and Islam.
- 261. A Cultural History of East Asia (5).**  
An introduction to Asian civilization focusing on East Asia and emphasizing social, literary, artistic, and political developments.
- 281. A Cultural History of Latin America (5).**  
An introduction to the syncretic culture of Latin America as derived from its Amerindian, European, and African components and revealed in the region's history, literature, arts, language, religion, social structure, and economy from colonial times to the present.
- 293. Computer Literacy for Historians (2).**  
A study of the application of computer technology to the research and writing of history. (Must be taken concurrently with HY 294).
- 294. Historical Methods (3).**  
An analysis of the techniques used in the research and writing of history. (Must be taken concurrently with HY 293.)
- 300. Prehistory of North America (5). Pr., ANT 211 or ANT 212.**  
Prehistory of North America, emphasizing peopling of the New World, earliest American Indian cultures, and later regional developments from Pleistocene times until European exploration and conquest. (Same as ANT 300.)



- 301. Colonial America, 1607-1763 (5). Pr., HY 101 and HY 102.**  
A study of the English background and the development of colonial institutions, political, social, economic, and ecclesiastical.
- 302. The American Revolution, 1763-1800 (5). Pr., HY 101 and HY 102.**  
A study of the ideas and the developments that led to American independence and the creation of the American union.
- 303. The New American Nation, 1800-1865 (5). Pr., HY 101 and HY 102.**  
A study of the United States during the early national period, including political, economic, social, and constitutional developments, westward expansion, and the sectional crisis.
- 305. The Civil War and Reconstruction (5). Pr., HY 101 and HY 102.**  
A study of the Civil War and Reconstruction, assessing their impact on 19th-century America, both in the North and the South.
- 307. The Emergence of Modern America, 1865-1940 (5). Pr., HY 101 and HY 102.**  
A study of the transformation of American society under the impact of industrialization, immigration, and urbanization, with particular emphasis upon institutional response to change.
- 308. Modern America, 1940-Present (5). Pr., HY 101 and HY 102.**  
A study of America to the present, examining the growth of bureaucracies, the urban landscape, affluence, new configurations of work and leisure, civil rights, the new romanticism, and the Cold War and its aftermath.
- 312. The North American Indians (5). Pr., ANT 210, ANT 211 or ANT 212.**  
A cultural survey of native America. Description and analysis of the specific features of representative Indian cultures and cultural developments. (Same as ANT 312.)
- 321. Greek Civilization (5).**  
A study of Greek civilization from the Mycenaean era at the dawn of history through the Hellenistic Golden Age to the incorporation of the Greek states into the Roman Empire. The emphasis is on the development of political, scientific, philosophic, and literary concepts, many of which still have currency in the modern world.
- 322. The Roman World (5).**  
A study of Rome from the founding of the Roman Republic in 509 B.C. to the fall of the Western Roman Empire in 476 A.D., with emphasis on the development and evolution of those political, legal, intellectual, and religious ideas which carried enormous impact in later eras.
- 323. Medieval Europe (5).**  
A study of Western Europe between the fall of the Roman Empire in the West in 476 and the end of the Hundred Years War in 1453, with emphasis on political, economic, social, legal, and religious developments.
- 324. The Renaissance and Reformation (5).**  
A study of Europe during the Renaissance and the Protestant and Catholic Reformations with emphasis on cultural, political, and economic developments and overseas expansion.
- 325. Early Modern Europe, 1648-1815 (5).**  
A survey of political, social, and intellectual development in 17th- and 18th-century Europe, with special emphasis on the consolidation of the nation-state and the rise of the European state system.
- 326. Modern Europe, 1815-Present (5).**  
A survey of the major political, social, and economic forces that have shaped modern Europe, particularly nationalism and industrialism.

- 328. The City in European History (5).**  
The course examines the historical evolution of the European city, its design, social structure, architecture, and economic bases, as well as the process of urbanization and the relation of town to country. Emphasis will be on the medieval and modern periods.
- 330. Poland (5).**  
An analysis of the origins, rise, fall, and reincarnation of the Polish state from its conversion under Mieszko in the 10th century to its revolt under Walesa in the 1980s.
- 331. Ancient Philosophy (5). Pr., HY 101 and HY 102.**  
A study of the Pre-Socratics, Plato, Aristotle, and the philosophies of Epicureanism, Stoicism, and Scepticism. (Same as PH 331.)
- 332. Medieval Philosophy (5). Pr., HY 101 and HY 102.**  
A study of Augustine, John Scotus, Abelard, Thomas, Duns Scotus, William of Occam, and other philosophers of the Middle Ages. (Same as PH 332.)
- 333. Modern Philosophy (5). Pr., HY 101 and HY 102.**  
A study of major philosophers of the period, including Descartes, Spinoza, Leibniz, Locke, Berkeley, Hume, and Kant. (Same as PH 333.)
- 334. Twentieth-Century Philosophy (5). Pr., HY 101 and HY 102.**  
A study of major philosophers of this century, including Moore, Russell, Wittgenstein, Carnap, Ayer, and Sartre. (Same as PH 334.)
- 337. The British Empire and Commonwealth of Nations (5).**  
A study of the origins and development of the British Empire and its evolution into the British Commonwealth of Nations.
- 361. The Ancient Near East (5).**  
A survey of the different cultures in the ancient Middle East from their origins ca. 3000 B.C. to the emergence of Rome. Surveys include Egypt, Sumer, Assyria, Babylonia, Persia, Syro-Palestine, Greece, and Rome.
- 362. The Crusades (5).**  
A study of the causes, events, and results of the series of expeditions by Western Europeans to the Near East during the High Middle Ages. The course will focus on religious, political, economic, intellectual, and military changes experienced by Western Roman and Byzantine Orthodox Christians and by Shiite and Sunni Muslims as a result of these invasions.
- 363. The Middle East: From Muhammad and the Rise of Islam to World War I (5).**  
A view of those intellectual, social, economic, and political factors that led to the rise of Arab, Islamic, and Ottoman civilizations, their declines, and the imposition of European colonial power in the Middle East.
- 364. The Modern Middle East: World War I-Present (5).**  
An assessment of the legacy of European colonialism, super-power competition, and the development of indigenous nationalism in the modern Middle East with an emphasis on present political problems.
- 367. Africa: From Prehistoric Times to 1500 (5).**  
A survey of the political, social, and economic development of Africa and its interaction with other regions of the world from the origins of humankind to the dawn of the Atlantic slave trade.

- 368. Africa: From 1500 to the Present (5).**  
A survey of African developments consisting of, but not limited to, the slave trade and its abolition, the era of legitimate trade, and European colonialism including African resistance, nationalism, decolonization, and post-colonial Africa's progress and problems.
- 371. Imperial China to 1644 (5).**  
A survey of Chinese history from classical antiquity to 1644, emphasizing social, political, economic, and intellectual developments in the imperial period. The course is designed to introduce basic concepts of traditional China.
- 372. Modern China, 1644-Present (5).**  
The rise and fall of China's last imperial dynasty, the Ch'ing (1644-1912), and the roles of foreign imperialism and domestic rebellion in that fall. The search by the Nationalist and Communist Parties for means to establish a reintegrated and independent nation culminating in the formation of the People's Republic.
- 374. Pre-modern Japan to 1850 (5).**  
An introduction to pre-1850 Japan, focusing on long-range social developments and the linkages between higher culture, polity, economy, and environment.
- 375. Modern Japan, 1850-Present (5).**  
A survey of the political, social, cultural, and economic aspects in the making of modern Japan.
- 378. The History of India (5).**  
A survey of the evolution of Indian civilization from earliest times through British colonial rule to the modern independent state of India, with special emphasis on India's unique contribution to world religion, art, and thought.
- 380. New World Civilizations (5). Pr., ANT 211.**  
A survey of the prehistory of Mexico, Peru, and adjacent areas, tracing the development of state-level societies from the earliest inhabitants to European contact. The Teotihuacan, Aztec, Mayan, and Peruvian cultures are emphasized. (Same as ANT 380.)
- 381. Colonial Latin America (5).**  
A survey of European and native political, economic, religious, and social developments and institutions from the era of conquest to the Wars of Independence in the 19th century.
- 382. Modern Latin America (5).**  
A survey of the nations of Latin America from the early independence in the early 19th century to the 1930s, with emphasis on internal problems, reform movements, and external relations with the United States and other countries.
- 383. Contemporary Latin America (5).**  
A survey of the internal changes in Latin America as it was drawn more and more into the international arena after 1930, with special consideration of such current problems as military governments and human rights, drug trafficking, economic dislocations, and migration of the population.
- 385. Central America (5).**  
A survey and assessment of the historical roots of today's social, economic, and political unrest and revolution in this region of Latin America, with an emphasis on the 19th- and 20th-century histories of its key countries.

- 390. Nationalism and Revolution in the Modern World (5).**  
A study of the modern origins and consequences of nationalism and revolution and of nationalism's nexus with revolution.
- 391. World War I (5).**  
A study of World War I, its origins, military aspects, and social, economic, political, and intellectual consequences. The focus is on Europe and the United States.
- 392. World War II (5).**  
A study of World War II, its origins, military aspects, and social, economic, political, and intellectual consequences. The focus is on Europe, the United States, and Asia.
- 395. Special Topics in History (5).**  
Topics vary.
- 401. The American South to 1877 (5). Pr., junior standing.**  
A study of the growth and development of the distinctive political, economic, social, cultural, and ideological patterns of the South from 1607 to 1877. Concurrent with HY 601.
- 402. The American South Since 1877 (5). Pr., junior standing.**  
A study of the continued growth and development of the distinctive political, economic, social, cultural, and ideological patterns of the South since the end of the Civil War. Concurrent with HY 602.
- 403. History of American Slavery (5). Pr., junior standing.**  
A study of slavery in America from its introduction to the Civil War, with particular attention to the social structure and lives of black Americans, and slavery's impact upon community life, politics, and culture. Concurrent with HY 603.
- 405. The History of Alabama (5). Pr., junior standing.**  
A survey of the social, political, and economic development of Alabama from the colonial era to the present. Concurrent with HY 605.
- 406. The American West (5). Pr., junior standing.**  
A study of the West as frontier, as myth, and as a distinct region, from the 17th century to the present. Concurrent with HY 606.
- 408. American Intellectual History to 1877 (5). Pr., junior standing.**  
A study of perceptions, ideas, and values in American culture from colonial times to the present. Primary sources will be emphasized. Concurrent with HY 608.
- 409. American Intellectual History Since 1877 (5). Pr., junior standing.**  
A study of the perceptions, ideas, and values in American culture since 1877 with a special emphasis on change and disruption. Primary sources will be emphasized. Concurrent with HY 609.
- 412. History of Religion in America (5). Pr., junior standing.**  
A study of the religious experience in America, including consideration of the variety of religious traditions, and how developments in religion have affected society, politics, and culture since colonial times. Concurrent with HY 612.
- 415. American Diplomatic History (5). Pr., junior standing.**  
A study of the principal forces and factors bearing on the relationships between the United States and other countries, 1776-present. Concurrent with HY 615.

- 416. American Military History (5). Pr., junior standing.**  
A study of U.S. military policy, strategy, and tactics from 1775 to the present. Concurrent with HY 616.
- 417. A History of U.S. Airpower (5). Pr., junior standing.**  
A study of the evolution of the U.S. Air Force and American aviation policy. Concurrent with HY 617.
- 419. American Historiography (5).**  
A study of the development of historical writing in the United States since colonial times, with emphasis on how particular scholars and schools of thought have had an impact on the intellectual life of the nation. Concurrent with HY 619.
- 429. Non-American Historiography (5).**  
A study of the development of historical writing outside the United States, with emphasis on how particular scholars and schools of thought have had an impact on the intellectual life of western civilization. Concurrent with HY 629.
- 434. Medieval England (5). Junior standing or permission of instructor.**  
A study of the Middle Ages in England, especially the post-Conquest period, this course will examine political, social, economic, and religious institutions and changes up to the beginning of the Tudor period in 1485. Concurrent with HY 634.
- 436. Tudor-Stuart England (5). Pr., junior standing.**  
A study of the England of Henry VIII, Elizabeth I, and James I, or more broadly the 16th and 17th centuries, with emphasis on the social, political, economic, constitutional, religious, and intellectual changes of lasting effect. Concurrent with HY 636.
- 438. Modern Britain (5). Pr., junior standing.**  
An analysis of forces contributing to the development of contemporary British civilization. Concurrent with HY 638.
- 440. France, 1787-1870 (5). Pr., junior standing.**  
Covering the period from the beginning of the Revolution until the fall of Napoleon III, the course treats the era as a playing-out of many of the forces arising from the Revolution. Concurrent with HY 640.
- 441. Modern France, 1870-Present (5). Pr., junior standing.**  
This course examines the uncertain course of republican government in France and some of the causes and consequences of this instability. Concurrent with HY 641.
- 442. The French Revolution and Napoleon (5). Pr., junior standing.**  
A study of revolutionary ideas and events in France and Europe from 1789 to 1815 with emphasis on the forces and factors causing revolution and reaction. Concurrent with HY 642.
- 445. Early Germany (5). Pr., junior standing.**  
A survey of the development of the Germanic peoples from Roman times to the end of the Napoleonic era, emphasizing the political structure of the Holy Roman Empire. Cultural and religious issues will also be discussed. Concurrent with HY 645.

- 446. Modern Germany (5). Pr., junior standing.**  
This course traces German history from the dissolution of the Holy Roman Empire to the present. Themes covered will include the process of German unification under Prussian leadership, the nature of political society in the Second Empire, the failure of democracy during the Weimar Republic leading to the rise of National Socialism, and postwar developments. Concurrent with HY 646.
- 447. Social History of Early Modern Europe, 1500-1750 (5). Pr., junior standing.**  
A study of European society from 1500 to 1750 and the continuities and changes in the daily life of the individual in family, community, and work-place. The subject will be approached from sociologic, anthropologic, and economic perspectives. Concurrent with HY 647.
- 449. The Enlightenment (5). Pr., junior standing.**  
The course treats the intellectual and cultural blossoming in Europe in the period from 1680 to 1789. It examines the social, religious, moral, and political ideas of Enlightenment thinkers and explores the diffusion of Enlightenment values, such as the use of reason, political liberty, and the social role of science. Concurrent with HY 649.
- 450. The Industrial Revolution (5). Pr., junior standing.**  
A study of the development of industrialism and its consequences in Europe and other parts of the world. Concurrent with HY 650.
- 454. The Habsburg Empire (5). Pr., junior standing.**  
This course examines the history of East Central Europe during the last phase of Habsburg history. The difficulties inherent in running a multinational state will provide the main focus of analysis. Concurrent with HY 654.
- 456. Imperial Russia (5). Pr., junior standing.**  
A survey of Russian history from the rise of Kiev to the great reforms of 1861. The course traces Russian expansion under the leadership of Muscovy, focusing on Peter the Great, Catherine the Great, and Russian involvement with Europe in the 19th century. Concurrent with HY 656.
- 457. The Soviet Union (5). Pr., junior standing.**  
A survey of Russian history since 1861 emphasizing the collapse of tsarist rule in WWI and the subsequent growth and development of the Communist state. Also highlighted are Soviet governmental and economic structures, foreign policy, and the cultural scene. Concurrent with HY 657.
- 459. East Europe in the Twentieth Century (5). Pr., junior standing.**  
This course examines the history of East Central Europe from the First World War to the collapse of the communist regimes. The emphasis is on comparative political and socioeconomic development. Concurrent with HY 659.
- 460. The Balkans in the Modern World (5). Junior standing or permission of instructor.**  
An examination of Southeastern Europe from the French Revolution to the collapse of the communist regimes. The course will highlight the cultural, political, and socioeconomic developments that have made this area the so-called "powder keg" of Europe. Concurrent with HY 660.
- 463. Israel and the Arab World (5). Pr., junior standing.**  
An analysis of the intellectual, social, and political causes of the most publicized controversy of the postwar era. The course traces the development of Arab and Israeli nationalism and their transformation in the age of superpower rivalry in the region. Concurrent with HY 663.

- 473. A History of Chinese Communism (5). Pr., junior standing.**  
An analysis of the reasons why the Chinese Communists came to power and of the political and social changes that have occurred since the establishment of the People's Republic in 1949. Concurrent with HY 673.
- 477. Vietnam (5). Pr., junior standing.**  
An analysis of both traditional Vietnamese culture and the character of French and American involvement in the country. Concurrent with HY 677.
- 479. East Asian-American Relations since 1850 (5). Pr., junior standing.**  
A survey of political, economic, and cultural interactions between the United States and East Asia (China and Japan) since 1850 with emphasis on mutual perceptions and images. Concurrent with HY 679.
- 485. The Holocaust (5).**  
Drawing on both historical and literary sources, the course examines some of the forces and ideas that culminated in the "Final Solution." Concurrent with HY 685.
- 490. War and Strategy (5). Pr., junior standing.**  
An international survey of the major writings on war and military strategy from Clausewitz to the present. Concurrent with HY 690.
- 495. Readings in History (1-5). Pr., junior standing.**  
Directed readings in selected topics in history. Course work may include written papers, examination, and tutorial discussions. Recommended only for students with a "B" average or better in all history courses. Students may take no more than 10 quarter hours of HY 495. Concurrent with HY 695.
- 496. Advanced Special Topics in History (5). Pr., junior standing.**  
Topics vary. Concurrent with HY 696.
- 497. Biographical Studies (1-5). Pr., junior standing.**  
A study of the lives of major historical figures. Recommended only for students with a "B" average or better in all history courses. Concurrent with HY 697.

## International Studies (IN)

- 205. Geography of World Regions (5).**  
A geographical appraisal of the human habitat and an introduction to patterns of economic and political activities in the present day world. A regional approach is employed in understanding some of the modern nations, states, urban complexes, and trade zones. (Same as GY 205.)
- 211. Cultural Anthropology (5).**  
A study of the ways of life among preliterate and literate peoples. Special attention is given to a comparative analysis of preliterate societies throughout the world. (Same as ANT 211.)
- 215. Cultural Geography (5).**  
Analysis of the cultural landscape in both space and time with emphasis on areal differentiation, cultural types, population distribution, and land-use patterns. Includes an investigation of the major cultural regions of the world. (Same as GY 215.)
- 225. Economic Geography (5).**  
Investigates the principles of economic geography through the interaction of man and his habitat with emphasis on economic types, food products, minerals, power resources, and trade patterns. (Same as GY 225.)



- 260. Survey of Literature of the Western World I (5). Pr., EH 102.**  
Ancient, classical Greek and Roman, medieval, and Renaissance literature, including selected British masterworks. (Same as EH 260.)
- 261. Survey of Literature of the Western World II (5). Pr., EH 102.**  
The survey of 17th-, 18th-, 19th-, and 20th-century literature, including selected British and American masterworks. (Same as EH 261.)
- 271. Survey of Latin American and Third World Literature (5). Pr., EH 102.**  
Survey of Latin American and Third World literature in translation from the beginnings of colonialism to the present.
- 272. Survey of Oriental and Middle Eastern Literature (5). Pr., EH 102.**  
Survey of Oriental and Middle Eastern literature in translation.
- 301. Introduction to International Studies (5).**  
An interdisciplinary course that focuses on cultural differences that influence attitudes, assumptions, and behavior, especially as they effect intercultural communications. The course will focus on culture shock and other problems Americans face when doing business in foreign cultures.
- 315. Special Topics in International Studies (5).**  
Focus to be announced at each scheduling of the course. May be repeated once for credit. (May be taught in English or in the language native to the student's field of study.)
- 371. Culture and Personality (5). Pr., ANT 211.**  
A critical survey of the field of culture and personality and of the principal concepts and methods employed in studying sociocultural factors in personality development; the nature of the relationship between an individual and her/his culture, including a brief examination of national character studies. (Same as ANT 371.)
- 376. Ethnology: Peoples of a Selected Culture Area (5). Pr., ANT 211.**  
A survey of cultural anthropology and archaeology in a selected global culture area (such as the Pacific, South Asia, or sub-Sahara). Focus on comparative analyses of major cultural developments and concerns, including origins, migrations, and adaptations. May be repeated for a maximum of 10 hours credit. (Same as ANT 376.)
- 390. Language in Culture and Society (5). Pr., ANT 211.**  
An introduction to the examination of the relationship between languages and their cultures and societies. Universal features of language and language as a mirror to reflect the diversity in society and culture will be explored. The nature and direction of language change will also be discussed. (Same as ANT 390.)
- 403. Cultural and Social Change (5). Pr., ANT 211 and junior or senior standing.**  
Contemporary traditional and urban cultures, and recent research in cultural change. Emphasis is placed on the causes and consequences of cultural and social change in traditional, modern, and post-modern societies. (Same as ANT 403.)
- 410. Special Topics in Geography (1-5). Pr., permission of instructor.**  
An intensive examination of selected topics from a geographical perspective. Topics will be announced prior to the beginning of each quarter. May be repeated for a maximum of 10 hours credit. This course may be taught concurrently with IN 610.



- 450. Social History of Religion in Europe (5). Pr., junior standing.**  
The sociological perspective of religious history in Europe, including the effect of religion on behavior and attitudes and the reciprocal relationship of religion to other social institutions.
- 460. Methods of Teaching Foreign Languages (6). Pr., 30 quarter hours in a foreign language.**  
Curriculum, methods, and materials related to teaching foreign languages (French, German, Spanish) for grades K-12. Practice in preparation, organization, and utilization of materials, unit planning, and lesson presentations is provided. Special emphasis is placed on the use of computers and videos in the classroom.
- 461. The Use of the Computer in the Foreign Language Classroom (2). Pr., 30 quarter hours in a foreign language.**  
The use of computers and microcomputers in the foreign language classroom with a specific focus on new technologies and the purchase of suitable software and hardware. Offered concurrently with IN 460 and IN 462.
- 462. The Teaching of Foreign Language Literature in the Classroom (2). Pr., 30 quarter hours in a foreign language.**  
The use of reading materials in French, German, and Spanish at the elementary, junior high, and senior high levels. Students learn how to determine readability, prepare appropriate reading materials, diagnose reading skill needs, extend vocabulary, and improve comprehension. Offered concurrently with IN 460 and IN 461.
- 482. Hispanic Fiction (5). Pr., junior standing.**  
A study of selected works of six to ten major Spanish and Latin American writers, such as Cervantes, Unamuno, Azorin, Cela, Garcia Marquez, Borges, Rulfo, and Vargas Llosa. May be repeated once for credit as readings change. May be offered concurrently with IN 682.
- 483. European Fiction (5). Pr., junior standing.**  
A study of the selected works of six to ten major European writers, such as Goethe, Stendhal, Balzac, Flaubert, Tolstoy, Dostoevsky, Proust, Mann, and Camus. May be repeated once for credit as readings change. May be offered concurrently with IN 683.
- 498-499. Independent Study in International Studies (1-10). Pr., consent of instructor.**  
Individual study programs in foreign language or literature as determined by the instructor and student. Can be taken as an approved study abroad program. (May be taught in English or in the language native to the student's field of study.)

## French (INF)

- 121. French 1 (5). Pr., EH 101 recommended.**  
Based on a functional approach, this class develops students' proficiency in listening, speaking, reading, writing, and culture, while covering the essentials of French grammar.
- 122. French 2 (5). Pr., INF 121 or equivalent.**  
A continuation of INF 121.
- 123. French 3 (5). Pr., INF 122 or equivalent.**  
A continuation of INF 122.

- 221. French 4 (5). Pr., INF 123 or equivalent.**  
Intermediate courses lead to greater facility in spoken French and to more advanced reading and writing skills. Greater emphasis is placed on understanding the French-speaking world.
- 222. French 5 (5). Pr., INF 221 or equivalent.**  
A continuation of INF 221.
- 223. French 6 (5) Pr., INF 222 or equivalent.**  
A continuation of INF 222.
- 321. Introduction to French Literature I (5). Pr., INF 223 or equivalent.**  
Readings in French literature with particular emphasis on the 17th and 18th centuries.
- 322. Introduction to French Literature II (5). Pr., INF 223 or equivalent.**  
Readings in French literature with particular emphasis on the 19th and 20th centuries.
- 323. Advanced French Conversation (5). Pr., INF 223 or equivalent.**  
Practice in everyday spoken French, based on contemporary texts and situations.
- 324. Advanced French Grammar and Composition (5). Pr., INF 223 or equivalent.**  
Practice in advanced French grammar and stylistics through the writing of compositions, reports, and letters.
- 325. Francophone Civilization (5). Pr., INF 223 or equivalent.**  
Consideration of topical aspects of Francophone culture and heritage as reflected in current institutions and traditions.
- 326. Commercial French (5). Pr., INF 223 or equivalent.**  
Development of a solid foundation in business vocabulary, basic business and cultural concepts, and situational practice necessary to be successful in today's French-speaking business world.
- 327. French Phonetics (5). Pr., INF 221 or equivalent.**  
Addresses the difficulties of French listening comprehension, pronunciation, and spelling through tapes, directed conversation, short readings, and dictations.

## Spanish (INS)

- 131. Spanish 1 (5). Pr., EH 101 recommended.**  
Based on a functional approach, this class develops students' proficiency in listening, speaking, reading, writing, and culture, while covering the essentials of Spanish grammar.
- 132. Spanish 2 (5). Pr., INS 131.**  
A continuation of INS 131.
- 133. Spanish 3 (5). Pr., INS 132 or equivalent.**  
A continuation of INS 132.
- 231. Spanish 4 (5). Pr., INS 133 or equivalent.**  
Intermediate courses lead to greater facility in spoken Spanish and to more advanced reading and writing skills. Greater emphasis is placed upon understanding Hispanic culture.
- 232. Spanish 5 (5). Pr., INS 231 or equivalent.**  
A continuation of INS 231.
- 233. Spanish 6 (5). Pr., INS 232 or equivalent.**  
A continuation of INS 232.

- 331. Introduction to Hispanic Literature I (5). Pr., INS 233 or equivalent.**  
Readings in Hispanic literature with particular emphasis on theatre and poetry.
- 332. Introduction to Hispanic Literature II (5). Pr., INS 233 or equivalent.**  
Readings in Hispanic literature with particular emphasis on prose fiction.
- 333. Advanced Spanish Conversation (5). Pr., INS 233 or equivalent.**  
Practice in everyday spoken Spanish, based on contemporary texts and situations.
- 334. Advanced Spanish Grammar and Composition (5). Pr., INS 233 or equivalent.**  
Practice in advanced Spanish grammar and stylistics through the writing of compositions, reports, and letters.
- 335. Hispanic Civilization (5). Pr., INS 233 or equivalent.**  
Consideration of topical aspects of Hispanic culture and heritage as reflected in current institutions and traditions.
- 336. Commercial Spanish (5). Pr., INS 233 or equivalent.**  
Development of a solid foundation in business vocabulary, basic business and cultural concepts, and situational practice necessary to be successful in today's Spanish-speaking business world.

## German (ING)

- 141. German 1 (5). Pr., EH 101 recommended.**  
Based on a functional approach, this class develops students' proficiency in listening, speaking, reading, writing, and culture, while covering the essentials of German grammar.
- 142. German 2 (5). Pr., ING 141 or equivalent.**  
A continuation of ING 141.
- 143. German 3 (5). Pr., ING 142 or equivalent.**  
A continuation of ING 142.
- 241. German 4 (5). Pr., ING 143 or equivalent.**  
Intermediate courses lead to a greater facility in spoken German and to more advanced reading and writing skills. Greater emphasis is placed on understanding the German-speaking Europe.
- 242. German 5 (5). Pr., ING 241 or equivalent.**  
A continuation of ING 241.
- 243. German 6 (5). Pr., ING 242 or equivalent.**  
A continuation of ING 242.
- 341. Introduction to German Literature I (5). Pr., ING 243 or equivalent.**  
Readings in German literature with particular emphasis on theatre and poetry.
- 342. Introduction to German Literature II (5). Pr., ING 243 or equivalent.**  
Readings in German literature with particular emphasis on prose fiction.
- 343. Advanced German Conversation (5). Pr., ING 243 or equivalent.**  
Practice in everyday spoken German, based on contemporary texts and situations.
- 344. Advanced German Grammar and Composition (5). Pr., ING 243 or equivalent.**  
Practice in advanced German grammar and stylistics through the writing of compositions, reports, and letters.

- 345. German Civilization (5). Pr., ING 243 or equivalent.**  
Consideration of topical aspects of German culture and heritage as reflected in current institutions and traditions.
- 346. Commercial German (5). Pr., ING 243 or equivalent.**  
Development of a solid foundation in business vocabulary, basic business and cultural concepts, and situational practice necessary to be successful in today's German-speaking business world.

## Tutorial Languages

- INI 151. Italian 1 (5). Pr., EH 101 recommended.**  
Training in the four language skills (aural comprehension, speaking, reading, writing) and a study of the grammar underlying the mastered corpus. Heavy emphasis on aural-oral practice through the use of tapes and tutorials.
- INI 152. Italian 2 (5). Pr., INI 151 or equivalent.**  
A continuation of INI 151. Emphasis on the acquisition of vocabulary through reading and oral practice.
- INI 153. Italian 3 (5). Pr., INI 152 or equivalent.**  
A continuation of INI 152. The emphasis shifts progressively to conversation and dialogue.
- INJ 161. Japanese 1 (5). Pr., EH 101 recommended.**  
Training in the four language skills (aural comprehension, speaking, reading, writing) and a study of the grammar underlying the mastered corpus. Heavy emphasis on aural-oral practice through the use of tapes and tutorials.
- INJ 162. Japanese 2 (5). Pr., INJ 161 or equivalent.**  
A continuation of INJ 161. Emphasis on the acquisition of vocabulary through reading and oral practice.
- INJ 163. Japanese 3 (5). Pr., INJ 162 or equivalent.**  
A continuation of INJ 162. The emphasis shifts progressively to conversation and dialogue.
- INM 171. Modern Greek 1 (5). Pr., EH 101 recommended.**  
Training in the four language skills (aural comprehension, speaking, reading, writing) and a study of the grammar underlying the mastered corpus. Heavy emphasis on aural-oral practice through the use of tapes and tutorials.
- INM 172. Modern Greek 2 (5). Pr., INM 171 or equivalent.**  
A continuation of INM 171. Emphasis on the acquisition of vocabulary through reading and oral practice.
- INM 173. Modern Greek 3 (5). Pr., INM 172 or equivalent.**  
A continuation of INM 172. The emphasis shifts progressively to conversation and dialogue.
- INR 181. Russian 1 (5). Pr., EH 101 recommended.**  
Training in the four language skills (aural comprehension, speaking, reading, writing) and a study of the grammar underlying the mastered corpus. Heavy emphasis on aural-oral practice through the use of tapes and tutorials.
- INR 182. Russian 2 (5). Pr., INR 181 or equivalent.**  
A continuation of INR 181. Emphasis on the acquisition of vocabulary through reading and oral practice.

- INR 183. Russian 3 (5). Pr., INR 182 or equivalent.**  
A continuation of INR 182. The emphasis shifts progressively to conversation and dialogue.
- INC 191. Cantonese 1 (5). Pr., EH 101 recommended.**  
Training in the four language skills (aural comprehension, speaking, reading, writing) and a study of the grammar underlying the mastered corpus. Heavy emphasis on aural-oral practice through the use of tapes and tutorials.
- INC 192. Cantonese 2 (5). Pr., INC 191 or equivalent.**  
A continuation of INC 191. Emphasis on the acquisition of vocabulary through reading and oral practice.
- INC 193. Cantonese 3 (5). Pr., INC 192 or equivalent.**  
A continuation of INC 192. The emphasis shifts progressively to conversation and dialogue.
- INA 194. Mandarin (Chinese) 1 (5). Pr., EH 101 recommended.**  
Training in the four language skills (aural comprehension, speaking, reading, writing) and a study of the grammar underlying the mastered corpus. Heavy emphasis on aural-oral practice through the use of tapes and tutorials.
- INA 195. Mandarin (Chinese) 2 (5). Pr., INA 194 or equivalent.**  
A continuation of INA 194. Emphasis on the acquisition of vocabulary through reading and oral practice.
- INA 196. Mandarin (Chinese) 3 (5). Pr., INA 195 or equivalent.**  
A continuation of INA 195. The emphasis shifts progressively to conversation and dialogue.

## **English as a Foreign Language (INE)**

- 091. English as a Foreign Language (EFL) 1 (5).**  
A beginning-level course for speaking and comprehending English for students with little or no proficiency (or a score below 350 on the TOEFL exam). Training in the four language skills (aural comprehension, speaking, reading, writing) and a study of the grammar underlying the mastered corpus. Heavy emphasis on aural-oral practice through the use of tapes and tutorials. Only the grades of "S" (Satisfactory) and "U" (Unsatisfactory) will be assigned. (Restricted to international students for whom English is not their native language.) (May not substitute for EH 090, EH 101, EH 102, or COM 101.)
- 092. Living in the U.S.A. (3).**  
An introduction to living and working in the U.S.A. Videos, films, and guest lecturers are used extensively. Only the grades of "S" (Satisfactory) and "U" (Unsatisfactory) will be assigned. (Restricted to international students.) (Should be taken in conjunction with INE 091.)
- 110. English as a Foreign Language (EFL) 2 (5). Pr., INE 091 or equivalent, or TOEFL exam score of 350-500.**  
A continuation of INE 091. An introductory-level course in speaking and comprehending English for students with some proficiency. Emphasis on the acquisition of vocabulary through reading and oral practice. (Restricted to international students for whom English is not their native language.) (May not substitute for EH 090, EH 101, EH 102, or COM 101.)

**111. English as a Foreign Language (EFL) 3 (5). Pr., INE 110 or equivalent, or TOEFL exam score above 500.**

A continuation of INE 110. An intermediate-level course on speaking and comprehending English for students with a beginner's proficiency. The emphasis shifts progressively to conversation and dialogue. (Restricted to international students for whom English is not their native language.) (May not substitute for EH 090, EH 101, EH 102, or COM 101.)

## **Music (MU)**

**200. Fundamentals of Music (5).**

Introduction to the basic elements of music including scales, keys, chords, principles of rhythm, and compositional styles. Open to all students with an interest in music.

**201. Music Appreciation (5).**

A study of composers, periods, and styles of music, with an emphasis on developing an awareness of musical sound.

**202. University Chorus (3).**

A performance group. Training and experience in choral music employing a wide variety of musical styles. May be repeated for credit.

**205. Jazz Ensemble (2). Pr., permission of instructor.**

An instrumental performance group. Training and experience in jazz styles and improvisation. May be repeated for credit.

**220. Music Theory 1 (5). Pr., MU 200 or permission of instructor.**

The study of theory in Western music. Development of fundamental skills in the analysis and writing of harmony and melody. Permission to enroll without prerequisite MU 200 is normally granted to students with experience in reading music in bands, orchestras, or choirs, or to students who have taken private lessons.

**221. Music Theory 2 (5). Pr., MU 220.**

Continuation of MU 220.

**250. History of Music 1 (5).**

Music of the Middle Ages and Renaissance. A study of the development of significant musical styles. Attention given to major composers and respective repertoire. Development of analytic and critical listening.

**251. History of Music 2 (5).**

Music of the Baroque and Classic periods.

**252. History of Music 3 (5).**

Music of 19th and 20th centuries.

**260. Music in World Cultures (5).**

A survey of musical styles in non-Western cultural traditions (Africa, India, Indonesia, Japan, Native America, etc.).

**296. Music in the Elementary School (5).**

Insights into skills, techniques, and knowledge of music are provided by the teacher. Appropriate materials adapted to social and musical interests of children are studied and evaluated.

**351. Music Today (5). Pr., any 200-level course in music.**

Insight into today's music of historical significance: contemporary art music, jazz, film, pop, etc.

**498. Independent Study in Music (1-5). Pr., departmental approval.**

Special project or research in the area of music.

## Philosophy (PH)

- 200. Reasoning and Critical Thinking (5).**  
A study of rational belief, with emphasis on the principles governing the formation and confirmation of explanatory hypotheses.
- 201. Introduction to Philosophy (5).**  
An introduction to the methods of philosophical inquiry and a study of some major topics in philosophy.
- 203. Logic (5).**  
An introduction to the principles of valid reasoning, with emphasis on the uses of language, the analysis and criticism of arguments, and the fundamentals of deductive inference.
- 300. Studies in Philosophy I (5).**  
Focus to be announced at each scheduling of the course.
- 301. Studies in Philosophy II (5).**  
Focus to be announced at each scheduling of the course.
- 310. Ethics (5).**  
A study of some of the principal concepts and theories of both normative and philosophical ethics.
- 320. Philosophy of Religion (5).**  
A study of the nature of religion, religious language, religious knowledge, religious theories of man and evil, and of arguments for the existence of God and the immortality of the soul.
- 331. Ancient Philosophy (5). Pr., HY 101 and HY 102.**  
A study of the Pre-Socratics, Plato, Aristotle, and the philosophies of Epicureanism, Stoicism, and Scepticism. (Same as HY 331.)
- 332. Medieval Philosophy (5). Pr., HY 101 and HY 102.**  
A study of Augustine, John Scotus, Abelard, Thomas, Duns Scotus, William of Occam, and other philosophers of the Middle Ages. (Same as HY 332.)
- 333. Modern Philosophy (5). Pr., HY 101 and HY 102.**  
A study of major philosophers of the period, including Descartes, Spinoza, Leibniz, Locke, Berkeley, Hume, and Kant. (Same as HY 333.)
- 334. Twentieth-Century Philosophy (5). Pr., HY 101 and HY 102.**  
A study of major philosophers of this century, including Moore, Russell, Wittgenstein, Carnap, Ayer, and Sartre. (Same as HY 334.)
- 370. Symbolic Logic (5).**  
A study of the techniques of natural deduction, including propositional calculus, first-order predicate calculus, the logic of relations, attributes of relations, logic with identity, and the definite description.

## Sociology (SY)

- 201. Introduction to Sociology (5).**  
An introduction to sociological concepts, research techniques, and theories. The course also focuses on some of the substantive areas of sociology, encompassing collective behavior, sex roles, deviance, social class, and population. American institutions, such as the family and religion, are also studied.
- 201H. Introduction to Sociology, Honors Section (5). Pr., permission of instructor.**

- 202. Social Problems (5).**  
A study of the institutional foundations of disruptive social relationships. Among the problems considered are health care, sexual deviance, crime and juvenile delinquency, alcohol and drug abuse, aging, family disorganization, poverty, and population.
- 203. Intimate Life Styles (5).**  
Adjustments required in the establishment and maintenance of institutionalized and quasi-institutionalized family structures. An analysis of personal relationships in both traditional marriage and alternate forms, including widowhood, widowerhood, and the role of divorce. Focus is on adjustment problems and individual needs experienced throughout the family life cycle.
- 210. Mass Media and Society (5).**  
A critical examination of the purposes, functions, and effects of the mass media on individuals, institutions, culture, and social structure. (Same as COM 210.)
- 214. Sociology of Sex Roles (5).**  
Traditional conceptions of masculinity and femininity and modifications of these resulting from economic, demographic, and cultural changes. Emphasis on socialization for masculine and feminine roles and variations in these roles throughout the life cycle.
- 215. Divorce and Remarriage (5).**  
An analysis of various facets of the divorce process, including the historical, legal, social, and psychological. Focuses on the problems of restructuring the family as well as the adjustments encountered by those who choose to remain single.
- 218. Human Sexuality (5).**  
The study of the sociological and anatomical aspects of human sexuality. This course examines sexual responsibility, sexual values, sexual practices and techniques, contraceptives, sexually transmitted diseases, deviant sexual practices, sexual dysfunctions, and laws pertaining to sexual conduct.
- 302. Research and Methodology (5). Pr., SY 201.**  
This course provides an introduction to sociological research including the principles of survey, experimental, and field research designs. The collection, analysis, and reporting of data through an actual field experience include data-collection techniques, sampling, and ethics.
- 312. Women and Culture (5). Pr., SY 201 and junior or senior standing.**  
The course investigates the role of women in American culture and examines the contribution of women to that culture.
- 320. Juvenile Delinquency (5). Pr., SY 201 and junior or senior standing.**  
An analysis of the factors contributing to delinquent behavior among youth in the United States and other societies. The current theories, extent, treatment, and prevention of delinquency are also considered.
- 321. Criminology (5). Pr., SY 201 and junior or senior standing.**  
Examines the theories, current research findings, and societal reaction to crime and criminals. Special emphasis is placed on crime causation, law enforcement, judicial processing, and corrections.
- 335. Social Stratification (5). Pr., SY 201 and junior or senior standing.**  
An introduction to the nature of social stratification. Includes a survey of theories of stratification, techniques for studying stratification systems, and the characteristics and consequences of social class membership.



- 374. Medical Sociology (5). Pr., SY 201 and junior or senior standing.**  
Sociocultural definitions and responses to illness; organization of health and medical institutions; social epidemiology of disease; changing doctor-patient relationships; alternative healers; inequality and the distribution of health care; and emphasis on sociocultural and environmental factors that influence health and illness.
- 380. Death and Dying (5). Pr., SY 201 and junior or senior standing.**  
A comprehensive study of death and dying encompassing the varied conceptions of death, the dying process, dying as a sociocultural process, and the death industry.
- 382. Collective Behavior (5). Pr., SY 201 and junior or senior standing.**  
Examines forms, behaviors, and processes in crowds, public collectives, social movements, and transitory groupings.
- 383. Public Opinion and Propaganda (5). Pr., junior or senior standing.**  
A study of public opinion in relation to social control and collective behavior. Special attention is given to the mass media, the public opinion process, and propaganda agencies and techniques. (Same as COM 383.)
- 385. Special Topics in Sociology (1-5). Pr., permission of instructor.**  
An examination of selected topics from a sociological perspective. Topics will be announced prior to the beginning of each quarter. May be repeated for a maximum of 10 hours of credit.
- 386. Field Practicum (5-10). permission of instructor.**  
Supervised field work in a community service agency. Emphasis is on providing opportunities for students to test their theoretical knowledge and abilities in working with people, thus promoting integration of theory and practice. Ten weeks of agency participation (8 to 16 hours per week) is required plus a three-hour weekly seminar to discuss, interpret, and evaluate student's involvement. Supervised jointly by the University and the social service agency. Evaluation is on a Satisfactory-Unsatisfactory basis. Only offered during the spring and winter quarters.
- 387. Introduction to Social Welfare (5).**  
A course examining the social service agencies in the community and the programs they offer, with special emphasis devoted to career opportunities in the numerous fields of social work. Designed for potential social workers, educators, lawyers, physicians, and other human service professionals interested in the fulfillment of human needs.
- 388. Social Welfare: Policies and Services (5).**  
The philosophical and historical perspective of social welfare services and social work practice. A critical and analytical understanding of social welfare programs, policies, and issues. Designed for individuals interested in human services.
- 389. Human Behavior and Social Environment (5).**  
Examination of theories pertaining to the development of the human individual within the context of the family, small group, community, and society. An open system approach is utilized to explore and understand the interrelationship of biological, social-psychological, and social variables. Attention is given to implications of culture and ethnicity on social behavior.
- 402. Social Theory (5). Pr., SY 201 and junior or senior standing.**  
The development of sociological theory from the 19th century to the present. Consideration is given to major theoretical perspectives, such as functionalism, evolutionism, conflict, and interactionism. This course may be taught concurrently with SY 602.

- 423. Sociology of Deviance (5). Pr., SY 210 and junior or senior standing.**  
An examination of the phenomena of behavioral and non-behavioral forms of norm violations from theoretical, methodological, and evidentiary sources. Substance abuse, mental and physical illness, sexual deviations, suicide, violence, and societal reactions to forms of deviance are examined. This course may be taught concurrently with SY 623.
- 425. Drug Education (5). Pr., junior or senior standing.**  
An interdisciplinary course designed to initiate primary prevention and early intervention methods, through education, both affectively and cognitively, in substance use/misuse and abuse. The pharmacology, legality, rehabilitation, counseling aspects, physical and mental fitness, and alternatives to substance use/misuse and abuse are addressed. This course may be taught concurrently with FED 454/654 and SY 625.
- 430. Minority Groups (5). Pr., SY 201 and junior or senior standing.**  
Intergroup relations in the United States with special emphasis on the processes of assimilation, amalgamation, and pluralism. Problems related to prejudice, discrimination, identity formation, and prevailing power arrangements are also analyzed. This course may be taught concurrently with SY 630.
- 441. Population (5). Pr., junior or senior standing.**  
Focuses on the effects of population structure and change in relationship to the social and environmental contexts. Includes a study of the techniques of demographic analysis, theories, sources of data, the components of population change, and population characteristics. The levels of analysis include both the macro (world and United States data) and the micro (Alabama). This course may be taught concurrently with SY 641.
- 445. Urban Sociology (5). Pr., SY 201 and junior or senior standing.**  
Examines the city in historical and contemporary contexts. Also focuses on an examination of the internal structure and functioning of the city, including ecological patterns, power arrangements, community institutions, minority group relations, class systems, and demographic characteristics. This course may be taught concurrently with SY 645.
- 452. Sociology of Religion (5). Pr., SY 201 and junior or senior standing.**  
The sociological perspective of religion, including the effect of religion on behavior and attitudes and the reciprocal relationship of religion to other societal institutions. Major aspects of religion in the United States are examined. This course may be taught concurrently with SY 652.
- 454. Sociology of the Family (5). Pr., SY 201 and junior or senior standing.**  
An analysis of family systems in the United States, including their structural features, internal dynamics, and current trends. This course may be taught concurrently with SY 654.
- 461. Social Psychology (5). Pr., junior or senior standing.**  
A study of the nature and causes of individual behavior in social situations. Includes an orientation to theory and research methods, with emphasis on research studies and practical application of principles. This course may be taught concurrently with SY 661.
- 470. Industrial Sociology (5). Pr., SY 201 and junior or senior standing.**  
The sociological approach to business organizations and industrial relations. Emphasis given to organizational principles operative in the economic life within a social system such as a factory or business establishment. This course may be taught concurrently with SY 670.

- 480. Child Welfare (5). Pr., junior or senior standing.**  
An introduction to the field of child welfare, including programs, policies, problems, and services. The casework principles and techniques for working with needy, neglected, abused, or delinquent children are emphasized.
- 486. Studies in Urbanization (5). Pr., permission of instructor or a declared major in Urban Studies.**  
An interdisciplinary analysis of the process and problems of urbanization. (Same as GV 486 and HY 486.)
- 488. Advanced Seminar in Sociology (5). Pr., senior standing.**  
Focuses on issues of contemporary, theoretical, and empirical interest in sociology and anthropology. The topics will vary depending on student interest and faculty involvement. Offered once per year.
- 498. Independent Study (1-5). Pr., senior standing and permission of instructor.**  
Independent reading and/or research in selected areas of sociology.

## Theatre (TH)

- 204. Theatre Appreciation (5).**  
A study of periods, genres, and production techniques with emphasis on developing a critical awareness and appreciation of theatre, cinema, and television.
- 210. Stagecraft (5).**  
Study and practice in theatre stagecraft focusing on interpretation of working drawings, construction methods, scene painting, rigging and handling of scenery, and backstage organization. Students in this course construct scenery and serve as running crew during the quarter's production. Two hours lecture and four hours lab per week, plus running crew responsibility.
- 211. Stage Lighting (5).**  
Study and practice in theatre lighting, including designing, hanging, focusing, maintaining, and repairing stage lighting instruments. Students in this course construct the lighting designs, hang and focus the lighting instruments, and serve as technicians for Theatre AUM's productions. Four hours lecture and two hours workshop lab per week.
- 212. Costume Construction (5).**  
Study and practice in theatre costuming, including pattern drafting and cutting, basic sewing techniques, construction methods, and backstage organization and maintenance. Students in this course construct costumes and serve as running crew during the quarter's production. Two hours lecture, four hours lab per week, plus crew responsibility.
- 220. Theatre Practicum (2). Pr., permission of instructor.**  
Two hours credit in any one aspect of production (acting, directing, construction, design, or management) in any one quarter. Work completed in this course must be exclusive of laboratory hours required in other theatre courses and must total 40 hours. Practicum may be repeated for a total of 10 hours.
- 300. Oral Interpretation (5). Pr., COM 101 or EH 102.**  
Basic techniques and application of oral interpretation in reading prose, poetry, and drama.

**305. American Film 1914-1950 (5).**

A social history of popular film in the United States from the rise of the American silent film through the sociological films of the post-World War II era. Focus will be on the roles popular films played during the Depression and the war; the relationships between Hollywood and Washington will be studied, with special emphasis placed on the events that led to the creation of the Legion of Decency and the House Un-American Activities Committee hearings. Film versions of plays and fiction will be compared to the original works.

**310. American Film 1950-Present (5).**

A social history of popular film in the United States from the ascendancy of the Method acting of the early 1950s through the ensemble acting of the present. Studies will focus on the transition of Hollywood from the aging star system of the major studios to the new acting styles and more independent filmmakers. Focus will be on the new film technologies and their effects on film stories; the ways popular film reflected the social and political issues of this turbulent period will be studied. Film versions of plays and fiction will be compared to the original works, and the derivative nature of contemporary film will be analyzed.

**315. British Film (5)**

A social history of British film from the 1930s to the present. Focus will be on the major periods, such as the British war films of the 1940s and the Angry Young Man films of the 1950s and 1960s. Film versions of plays and fiction will be compared to the original works, and the unique abilities of British filmmakers to reflect provincial society as well as to translate literary and dramatic works to the screen will be studied.

**320. European Cinema (5).**

A social history of film art in Europe from 1900 to the present. Focus will be on national masterworks and master directors, especially Renoir, Pagnol, DeSica, Fellini, Bergman, Truffaut, and Wenders. Studies will focus on the silent traditions of European cinema, the Golden Age of French Cinema, Italian Neorealism, the French New Wave, and the New German Cinema; special attention will be given to the auteur theory of filmmaking.

**325. Special Topics in Film Studies (5).**

A special study of a film period or genre, the works of a director or actor, or the films of a particular nation or world region.

**330. Selected Topics in Theatre (5). Pr., permission of instructor.**

An exploration of a theme from any area of the Theatre Department having contemporary relevance. Course may be repeated for credit up to three times provided a different theme is selected each time.

**341. Fundamentals of Acting (5).**

Basic theories and techniques of acting and directing.

**342. Intermediate Acting (5). Pr., TH 341.**

Students with basic acting skills can sharpen and develop those skills further through individualized instruction in pantomime, improvisations, and acting scenes.

**345. Directing (5). Pr., TH 341.**

A critical analysis of the techniques of directing a play, including play selecting, casting, rehearsing, and performing. Special emphasis will be given to the directing of one act plays. One hour lecture and four hours of lab per week.

- 359. Theatre Design and Technology I: Make-up Design (5).**  
Theory and techniques of stage make-up with emphasis on base make-up aging, prosthetics, beard construction, animal faces, and character interpretation. Students in this course help design the make-up and act as running crew for the quarter's main stage production.
- 360. Theatre Design and Technology II: Scene Painting (5).**  
Theory and techniques of scene painting with emphasis on the practical development of personal craft.
- 361. Theatre Design and Technology II: Scene Design Graphics (5).**  
A fundamental design course geared toward enhancing the theatre student with (1) the basic principles of theatre design and (2) a working knowledge of all working drawings pertaining to Theatrical Design. TH 210 is not required but preferred.
- 362. Theatre Design and Technology II: Scene Design Rendering (5). Pr., TH 361.**  
An advanced design course aimed at enhancing the theatre student with a practical knowledge of rendering for the theatre. All painting involved is strictly for the theatre. No previous painting experience is necessary.
- 363. Theatre Design and Technology III: Costume Design (5). Pr., TH 212.**  
Theory and techniques of stage costume design with emphasis on costume design elements and principles, the costume sketch, the color theory, fabric selection, and costume ornamentation.
- 371. Theatre Administration (5).**  
The principles of administration applied to the theatre, including philosophy, physical plant operations, staffing, publicity, box office, and house management.
- 372. Theatre Administration II (5). Pr., TH 371.**  
The principles of administration applied to the field of theatre with emphasis on personnel management, community service, financing, and organizing and touring with a theatre company.
- 401. Playwriting (5). Pr., sophomore standing.**  
Laboratory course in playwriting; student plays developed from original idea through scenario into final production script. Exceptional plays will be produced by the department.
- 431. The Dramatic Literature and Theatre History of Western World I (5). Pr., junior standing.**  
This course traces theatre history from the rituals of ancient civilizations to the middle of the 19th century. It also covers dramatic literature from the Greeks through the 19th-century French well-made play. This course may be taught concurrently with TH 631.
- 432. The Dramatic Literature and Theatre History of Western World II (5). Pr., junior standing.**  
This course traces theatre history and dramatic literature from Ibsen to today. It will deal extensively with the theatre of our day. This course may be taught concurrently with TH 632.
- 441. Phonetics (5). Pr., junior standing or permission of instructor.**  
Basic study of the sound system of the English language. Includes principles of sound production, phonetic transcriptions, and the acoustical basis of phonetics. (Same as COM 441.)

- 475. American Theatre and Drama I (5). Pr., junior standing.**  
The history of the American stage and its dramatic literature from colonial times to 1929, including the works of Tyler, Mowatt, Daly, Howard, Herne, Moody, Crothers, and Barry. May be offered concurrently with TH 675.
- 476. American Theatre and Drama II (5). Pr., junior standing.**  
A study of major developments in the history of American theatre from 1929 to the present, emphasizing the works of playwrights such as O'Neill, Williams, Wilder, Hellman, Miller, Inge, and Albee. May be offered concurrently with TH 676.
- 485. Studies in Drama (5). Pr., junior standing.**  
Examination of a sub-genre or period of drama, such as tragedy, Restoration comedy, 18th-century British drama, or modern drama, to be specified for each course scheduling. May be repeated twice when the topics vary. May be offered concurrently with TH 685.
- 498. Independent Study (1-5). Pr., senior standing or permission of instructor.**  
Independent reading and/or research in selected areas of theatre. This course may be taught concurrently with TH 698.

# School of Nursing

*Dr. Wini M. O'Brien, Interim Dean*

Bachelor of Science in Nursing

# School of Nursing

The Nursing Program at Auburn University at Montgomery is a four-year course of study that leads to a Bachelor of Science in Nursing (B.S.N.). Upon successful completion of the program, the graduate may apply to the State Board of Nursing to take the National Council Licensure Examination for Registered Nurses. The graduate is also prepared to pursue graduate study in nursing.

The purposes of the School of Nursing are consistent with the objectives of Auburn University at Montgomery.

## Accreditation

The School of Nursing’s four-year baccalaureate program is accredited by the National League for Nursing and is approved by the Alabama Board of Nursing.

## Academic Program

The Nursing Program is divided into a lower and an upper division. The lower division consists of 100 quarter hours. Upon satisfactory completion of the lower division courses, students are candidates for admission to the upper division of Nursing. The upper division consists of 102 quarter hours. Within these courses there are classroom, laboratory, and clinical learning experiences. Clinical experiences are provided in a variety of health care agencies in and around Montgomery.

### Lower Division Curriculum

BI 101 Principles of Biology .....	5
BI 200 General Nutrition .....	5
BI 201 General Microbiology .....	5
BI 210 Human Anatomy and Physiology I .....	5
BI 211 Human Anatomy and Physiology II .....	5
BI 316 Clinical Pharmacology .....	5
PHS 130 Introduction to Chemistry .....	5
EH 101 English Composition I .....	5
EH 102 English Composition II .....	5
HY 101 World History I .....	5
HY 102 World History II .....	5
MH 150 College Algebra .....	5
MH 267 Elementary Statistics .....	5
SY 201 Introduction to Sociology .....	5
PG 211 General Introductory Psychology .....	5
Political Science <sup>1</sup> .....	5
Literature <sup>2</sup> .....	5
Literature/Philosophy <sup>2</sup> .....	5
Fine Arts <sup>3</sup> .....	5
Computer Literacy .....	2
NUR 260/265 Introduction to Health Care/ Health Care Review for Registered Nurses .....	3
<b>Total Hours</b>	<b>100</b>

<sup>1</sup>Political Science: PO 101 or PO 102.  
<sup>2</sup>Literature: EH 253, EH 254, EH 257, EH 258, EH 260, or EH 261. (PH 200 [recommended], PH 201, or PH 310 may be substituted for one of the literature courses.)  
<sup>3</sup>Fine Arts: FA 261, FA 351, FA 352, FA 353, MU 201, MU 250, MU 251, MU 252 or TH 204.



## Admission to the School of Nursing

Upon successful completion of the lower division prerequisite courses, students are candidates for admission to the upper division of the School of Nursing. Candidates may apply for fall quarter admission during the preceding academic year. Applications for admission to the following fall quarter must be submitted to the School of Nursing by **February 3**.

Selection for admission to the upper division of the School of Nursing is based on prior academic performance in all required lower division prerequisite courses, including repeated courses. Students who have completed this course work at AUM must submit the same application and go through the same selection process as students from schools other than AUM.

Because the number of students who can be admitted to the upper division clinical courses is determined by the availability of clinical practice sites and faculty to teach in these areas, it is necessary to select for admission a limited number of the best qualified applicants. A faculty committee selects those who will be offered admission.

All applicants must have completed all lower division requirements with a minimum GPA of 2.5 (on a 4.0 scale). Applicants will also be ranked according to additional criteria. The most qualified applicants will be accepted.

An application packet may be obtained from the School of Nursing.

## Prescriptive Plan for RN Mobility

The Prescriptive Plan for RN Mobility has been developed for students who are registered nurses desiring to obtain a baccalaureate degree in nursing. The School of Nursing's philosophy and conceptual framework serve as the basis for the Plan's classroom activities, independent learning activities, and individualized clinical experiences designed to achieve learning goals. Since classes are taught one day per week and clinical learning experiences are conducted independently, students can maintain employment if they desire. The upper division Nursing major can be completed in one calendar year of full-time study (one summer term plus one academic year). RN Mobility courses may be scheduled without regard to sequential progression. Registered nurses should contact the School of Nursing for further details of the Prescriptive Plan.

Registered nurse applications must be submitted to the School of Nursing by **February 3** for admission to summer quarter of the same year. Winter quarter admission is dependent on the number of applicants meeting requirements and administrative approval. If offered, applications for admission of registered nurses to the following winter quarter must be submitted to the School of Nursing by **July 27** of each year.

## Progression Through Program

Assessment of competency in written English is required prior to student progression from junior year to senior year in the School of Nursing.

Students are required to achieve a Satisfactory ("S") in EH 300 Competency in Writing prior to enrolling in senior year nursing courses. Any student who is unable to achieve an "S" in EH 300 will be individually assessed regarding matriculation to senior year nursing courses.

All students enrolled in upper division nursing courses must receive a grade of "C" or above in order to progress in the Nursing program. A satisfactory clinical grade is required to pass nursing courses with laboratory components. Students who receive a grade of "D" or "F" may repeat the course one time. A second failure in a nursing course will result in disenrollment from the School of Nursing.

Students who for any reason withdraw from upper division courses may reapply for placement in nursing courses. Requests for placement are submitted in writing to the dean of the School of Nursing. The School's Admission and Progression Committee reviews the request and makes recommendations to the dean.

Entry into each clinical course requires successful validation of designated clinical skills during the previous academic quarter.

Course prerequisites must be completed as outlined in the Auburn University at Montgomery Undergraduate Catalog. BI 316 Clinical Pharmacology must be completed prior to entering upper division courses. The upper division courses must be taken in a specified sequence and are offered one quarter per year. This will affect students' progression if they select a part-time option or if progression is interrupted by unsuccessful completion of a course. All junior level courses must be completed prior to progression to senior level courses.

## Upper Division Curriculum

### Junior Year

#### First Quarter

NUR 341 Critical Thinking in Health Promotion .....	6
NUR 351 Assessment and Intervention Skills .....	8
NUR 361 Introduction to Professional Nursing .....	4
<b>Total Hours</b>	<b>18</b>

#### Second Quarter

NUR 362 Legal Aspects of Nursing .....	2
NUR 372 Health Throughout the Life Span .....	8
NUR 382 Wholistic Nursing I .....	6
<b>Total Hours</b>	<b>16</b>

#### Third Quarter

NUR 363 Ethics in Nursing .....	2
NUR 373 Functional Abilities and Human Needs I .....	8
NUR 383 Wholistic Nursing II .....	6
<b>Total Hours</b>	<b>16</b>

### Senior Year

#### First Quarter

NUR 461 Advanced Skills and Technology in Nursing I .....	4
NUR 471 Functional Abilities and Human Needs II .....	8
NUR 481 Wholistic Nursing III .....	4
<b>Total Hours</b>	<b>16</b>

#### Second Quarter

NUR 462 Advanced Skills and Technology in Nursing II .....	4
NUR 472 Functional Abilities and Human Needs III .....	8
NUR 482 Wholistic Nursing IV .....	4
<b>Total Hours</b>	<b>16</b>

#### Third Quarter

NUR 463 Transition to Professional Nursing .....	4
NUR 473 Management of Health Care .....	8
NUR 483 Wholistic Nursing V .....	6
<b>Total Hours</b>	<b>18</b>

EH 300 may be taken in the first, second, or third quarter of the junior year, or the summer prior to senior courses.

## Nursing Care Center

Selected nursing services are available to students, staff, and faculty in the School of Nursing's Nursing Care Center. For a small fee, services including health screening, referrals, health maintenance, first aid, health education, nutrition and weight counseling, pregnancy tests and counseling, pain management, women's health issues, safe sex education, distribution of protective devices, and stress management are offered by nursing faculty. For further information, call the School of Nursing at 244-3658 or 244-3281. TDD users may call 244-3801.

# Description of Courses

## Nursing (NUR)

- 220. Computer Literacy (2). Pr., None.**  
Provides the student with a fundamental understanding of computer usage; hands-on experience in the computer lab is included.
- 260. Introduction to Health Care (3). Pr., none.**  
An overview of the health care delivery system, including provider roles, terminology, trends, and issues. Open to all non-nursing majors.
- 265. Health Care Review for Registered Nurses (3). Pr., licensure as Registered Nurse.**  
Validation of knowledge of the health care delivery system and basic nursing functions for admission candidates to the RN Mobility Program.
- 341. Critical Thinking in Health Promotion (6). Pr., admission to upper division.**  
Critical thinking skills are developed through the study of the nursing process. Management process and theory are introduced. Caring is emphasized as the foundation of professional nursing practice.
- 351. Assessment and Intervention Skills (8). Pr., admission to upper division.**  
Clinical application of nursing and interactive processes with emphasis on physical assessment and intervention skills.
- 361. Introduction to Professional Nursing (4). Pr., admission to upper division.**  
Emphasis is on the philosophy of professional nursing and the socialization process as it applies to nursing.
- 362. Legal Aspects of Nursing (2). Pr., NUR 361.**  
Laws, legal principles, and judicial processes impacting on professional nursing practice are studied.
- 363. Ethics in Nursing (2). Pr., NUR 362, NUR 372, NUR 382.**  
Theories of ethics, principles, and issues are studied as they impact on professional nursing practice.
- 372. Health Throughout the Life Span (8). Pr., NUR 341, NUR 351, NUR 361.**  
Through the use of nursing process, functional abilities of individuals are assessed and collaborative activities to promote wellness and prevent illness are implemented in a variety of settings.
- 373. Functional Abilities and Human Needs I (8). Pr., NUR 362, NUR 372, NUR 382.**  
Specific human needs and functional abilities as they relate to individuals and the family unit are addressed, using the nursing process in the management of multiple client assignments in a variety of settings.
- 382. Wholistic Nursing I (6). Pr., NUR 341, NUR 351, NUR 361.**  
Concepts and issues inherent in the delivery of wholistic nursing are studied and applied. Focus varies by quarter.
- 383. Wholistic Nursing II (6). Pr., NUR 362, NUR 372, NUR 382.**  
Concepts and issues inherent in the delivery of wholistic nursing are studied and applied. Focus varies by quarter.
- 461. Advanced Skills and Technology in Nursing I (4). Pr., NUR 363, NUR 373, NUR 383.**  
Introduces the research process and the application of computer skills in nursing practice.

- 462. Advanced Skills and Technology in Nursing II (4). Pr., NUR 461, NUR 471, NUR 481.**  
The research process is applied to nursing practice. Advanced skills are developed and related technology studied.
- 463. Transition to Professional Nursing (4). Pr., NUR 462, NUR 472, NUR 482.**  
Focus is on issues related to entry into professional nursing practice, continuing professional development, and leadership roles.
- 471. Functional Abilities and Human Needs II (8). Pr., NUR 363, NUR 373, NUR 383.**  
Specific human needs and functional abilities as they relate to individuals and groups are addressed, using the nursing process in the management of client care in a variety of settings (preceptor system to manage client assignments).
- 472. Functional Abilities and Human Needs III (8). Pr., NUR 461, NUR 471, NUR 481.**  
Specific human needs and functional abilities as they relate to individuals and the community are addressed, using the nursing process while students assume a leadership role in a variety of health care settings.
- 473. Management of Health Care (8). Pr., NUR 462, NUR 472, NUR 482.**  
With society as a client, the health care delivery system is examined and nursing and management processes are applied while students assume leadership roles.
- 481. Wholistic Nursing III (4). Pr., NUR 363, NUR 373, NUR 383.**  
Concepts and issues inherent in the delivery of wholistic nursing are studied and applied. Focus varies by quarter.
- 482. Wholistic Nursing IV (4). Pr., NUR 461, NUR 471, NUR 481.**  
Concepts and issues inherent in the delivery of wholistic nursing are studied and applied. Focus varies by quarter.
- 483. Wholistic Nursing V (6). Pr., NUR 462, NUR 472, NUR 482.**  
Concepts and issues inherent in the delivery of wholistic nursing are studied and applied. Focus varies by quarter.

# School of Sciences

*Dr. Joseph B. Hill, Dean*

Biology

Chemistry

Engineering

Gerontology

Justice and Public Safety

Mathematics

Medical Technology

Physical Science

Physics

Political Science

Psychology

# School of Sciences

In keeping with the liberal education tradition, the School of Sciences provides the student a broad general education as well as the opportunity to acquire depth in the particular academic subject selected as a major. To implement the objectives of Auburn University at Montgomery, the faculty of the School of Sciences sets forth the following:

- 1. To provide components of a basic liberal education for students before they begin advanced work in their speciality.
- 2. To offer a strong undergraduate program leading to the bachelor's degree with majors in the sciences and mathematics.
- 3. To provide a graduate program offering master's and doctoral degrees in various disciplines to meet the changing needs of a dynamic society.
- 4. To conduct a broad program of public and private research for the general increase of knowledge in the sciences and mathematics.

## Curriculum Areas

The School of Sciences offers four-year bachelor's degree programs in Biology (see special options), Justice and Public Safety, Mathematics, Physical Science, Political Science, and Psychology.

Courses are available that will enable students to meet all pre-professional requirements in medicine, dentistry, optometry, nursing, pharmacy, veterinary medicine, law, and engineering.

Pre-professional students desiring a degree from Auburn University at Montgomery should consult their advisors before the end of the sophomore year to arrange a program of study that will lead to a degree.

## The General Curriculum (Sciences)

The general curriculum is designed for the student who has not decided on a major or pre-professional program.

### General Curriculum Sciences (GCS)

First Quarter		Second Quarter	
EH 101 English Composition .....	5	EH 102 English Composition .....	5
MH 150 College Algebra or		HY 102 World History .....	5
MH 160 Pre-Calculus and		Science Elective <sup>1</sup> .....	5
Trigonometry .....	5		
HY 101 World History .....	5	<b>Total Hours</b>	<b>15</b>
<b>Total Hours</b>	<b>15</b>		
Third Quarter			
PO 101 Constitutional Foundations of			
American Democracy .....	5		
PG 211 General Introductory			
Psychology .....	5		
MH 267 Elementary Statistics .....	5		
Science Elective <sup>1</sup> .....	5		
<b>Total Hours</b>	<b>20</b>		

<sup>1</sup>BI 101, CH 101, PS 210, or PS 211.

Not all these suggested courses need be taken in the order that they appear above. Check with an advisor for changes.

It is important that a student following the general curriculum decide upon a major or pre-professional program as soon as possible and before the end of the third quarter. Students in the School of Sciences who have not declared a major or pre-professional area should use the symbol GCS on registration forms. As soon as the student is reasonably certain of the area of study, this should be reported by the student to the School of Sciences. The appropriate symbol (e.g., PG for Psychology majors) should then be used on all registration materials.

## Minors

Many of the curricula require that the student select two minors (minimum of 15 hours each) or one double minor (minimum of 30 hours). Courses to be counted toward the completion of a minor must be 200 level or above and must not be used to meet other specific curriculum requirements. Exceptions to the 200 level or above rule are the courses EN 102, MH 162, MH 163, CH 101, CH 102, and CH 103.

## Professional and Pre-Professional Opportunities

If a student is pursuing a pre-professional curriculum and wishes to receive a bachelor's degree from AUM, the student should consult the appropriate advisor before the end of the sophomore year to arrange a degree program.

### Pre-Medical, Pre-Dental, and Pre-Optometric Programs (PM)

Students should be aware of the specific requirements for the professional schools to which they intend to apply and the prerequisites for required courses in their areas. In the majority of cases the following suggested courses would be appropriate for the first two years of studies:

- First Year: CH 101, CH 102, and CH 103; three appropriate mathematics courses; and EH 101 and EH 102, followed by BI 101.
- Second Year: Three appropriate biology courses; CH 301, CH 302, and CH 303; and PS 210, PS 211, and PS 207 or PS 212.

In every instance, it is strongly recommended that students attempt to complete the courses on which the professional school entrance examinations are based prior to the end of their junior year. Specific advice can be obtained from the pre-professional advisor.

It is not possible to obtain a degree in pre-medical, pre-dental, or pre-optometric studies. Consequently, students should plan to graduate from Auburn University at Montgomery with an academic major that would provide alternative career possibilities. This choice of major should not be delayed beyond the end of the sophomore year. The most common choices of majors in the past have been Biology (PMB - page 184), Mathematics (PMM - page 196), and Physical Science or Chemistry (PMP - page 197). However, as long as specific entrance requirements are met, professional schools have no preference for any particular academic major. After a departmental classification has been chosen, the student must consult both the pre-professional advisor and the departmental advisor prior to registering for courses. It should be noted that more than three-quarters of the applicants to medical, dental, and optometry schools from AUM have been successful over the entire history of the institution.

Apart from a relatively high grade point average obtained from normal course loads, professional schools require that the student has shown a consistent superior performance over a considerable period of time. In particular, the University of Alabama strongly discourages students from withdrawing from courses or avoiding English or laboratory courses with equivalency examinations. It is unlikely that the Pre-Medical Committee at Auburn University at Montgomery would recommend any student for medical school unless that individual had a 3.0 average or at least one academic year of very superior work prior to application. Students who fall significantly

below this level at the end of the sophomore year should seriously consider another curriculum or accept a low chance of success. It is very unlikely that students carrying heavy outside workloads could succeed in the program. Students returning to college are expected to complete several quarters of normal pre-medical course work before applying to medical school.

On successful completion of the freshman year in a doctoral program in medicine, dentistry, optometry, or veterinary medicine, up to 40 hours of credit may be applied towards a baccalaureate degree at Auburn University at Montgomery, subject to the approval of the dean for the degree area involved.

Pre-professional programs in related areas such as physical therapy, respiratory therapy, and nuclear medical technology are available. From two to four years of pre-clinical study are required by professional schools.

Although advisors at AUM will provide as much assistance as possible, students must accept responsibility for knowing and meeting entrance requirements for specific professional schools by the appropriate deadlines.

The names of advisors for each area are available from the secretary in Physical Sciences.

**Pre-Pharmacy (PPH)**

The curriculum in pre-pharmacy is designed to meet the requirements for admission to the Auburn University School of Pharmacy, which is fully accredited by the American Council on Pharmaceutical Education. Complete information about the professional curriculum in Pharmacy may be found in the Auburn University Bulletin.

To gain admission to a professional curriculum, a student must complete the basic two-year requirements. All candidates must make formal application to the School of Pharmacy and Auburn University. Considerable competition exists for places in pharmacy programs. See the pre-pharmacy advisor for specific details.

**Course Requirements, Auburn University**

General Chemistry (CH 101, CH 102, CH 103) .....	15
Organic Chemistry (CH 301, CH 302) .....	10
Mathematics (MH 161) .....	5
Biology (BI 101, BI 201, BI 210, BI 211) .....	20
English (EH 101, two approved literature courses) .....	15
History (HY 101, HY 102) .....	10
Physics (PS 210, PS 211, PS 207 or PS 212) .....	15
Philosophy (PH 310) .....	5
Social Sciences (two approved courses) .....	10
Fine Arts (one approved course) .....	5
Elective (any college level course) .....	5
<b>Total Hours</b>	<b>115</b>

**Pre-Physical Therapy (PPT)**

The courses in pre-physical therapy are designed to meet the requirements for admission to a master's program in physical therapy. In order to meet these requirements, the student must have taken the following courses:

	<b>Hours</b>
General Chemistry (CH 101, CH 102, CH 103) .....	15
Physics (PS 210, PS 211, PS 207 or PS 212) .....	15
Mathematics (MH 161, MH 267) .....	10
English (EH 101, EH 102) .....	10
Psychology (three approved courses) .....	15
Biology (BI 101, BI 210, two approved courses) .....	20



Students should contact the advisor (244-3315) concerning additional admission requirements for specific professional programs.

### **Pre-Veterinary Medicine (PVM)**

Students who plan to attend veterinary school should check with the pre-veterinary advisor in the Biology Department at AUM. A current listing of courses for both the pre-professional and the professional phase of this program is available from the pre-veterinary advisor.

### **Pre-Law (PL)**

#### **(Also designated in the School of Liberal Arts)**

Students who plan to attend law school must first obtain a bachelor's degree, and this can be in any one of the majors in this catalog. Students are encouraged to major in one of the disciplines that the American Bar Association recommends as including a broad cultural background, habits of intellectual curiosity and scholarship, the ability to organize materials and communicate the results, and verbal skills. A survey of *Bench and Bar* lists these courses in order of preference: English language and literature, government, economics, American history, mathematics, English history, Latin, logic and scientific method, and philosophy.

Most law schools do not prescribe any particular curriculum of pre-law study, but normally require as a condition for admission that the applicant has successfully completed the following undergraduate work or its equivalent:

<b>Course</b>	<b>Hours</b>
English Composition (EH 101, EH 102) .....	10
English or American Literature (EH 253, EH 254, EH 257, EH 258) .....	10
American History (HY 201, HY 202) .....	10
Political Science (including U.S. Government-PO 101) .....	10
Principles of Economics .....	10

Additional recommended courses are English language and literature, mathematics, English history, philosophy, psychology, sociology, foreign languages, justice and public safety, accounting, computer science, and public speaking. Since other requirements must be met, completion of these courses does not ensure admission.

Interested students should consult a pre-law advisor in the Department of Political Science and Public Administration or the Department of Justice and Public Safety.

The interdisciplinary Pre-Law Advisory Committee has been established to advise pre-law students until they select a major. Students are encouraged to select their major as early as possible but not later than the completion of their fifth academic quarter. After students select their major, the Pre-Law Advisory Committee will coordinate with the advisor in the selected major area to provide information and encourage course selections supporting the pre-law goal of the students. Students should contact the dean of their particular school of interest for names and assignments of pre-law advisors.

### **Pre-Engineering (PEN)**

A two-year pre-engineering curriculum is available for students who plan to pursue a degree in engineering or computer science. The curriculum is closely coordinated with the requirements of the College of Engineering at Auburn University (AU); however, it usually will serve as a good basis for further work at schools other than AU. Students who plan to continue their studies at schools other than AU must take responsibility for coordinating their course selections at AUM with the programs at these other schools to avoid possible loss of credit upon transferring.

The two-year program at AUM includes courses in mathematics, engineering, physical sciences, social sciences, and the humanities. Students entering this program should have an interest in and an aptitude for studies in the mathematical and physical sciences.

The PEN curriculum is based on the requirements of the College of Engineering at AU that were in effect at the time of publication. Because these requirements change from time to time, it is important that students consult their PEN advisors at least once each quarter for the latest information concerning the PEN curriculum and for assistance in preparing their plans of study. PEN advisors are assigned by the Department of Mathematics, 213 Goodwyn Hall, telephone (334) 244-3677.

Biology Major (BI)

Students interested in Biology as a major have seven distinct options in planning their course work. These options are as follows:

- General Biology (BBS)
- Environmental Science (BES)
- Microbiology (BMB)
- Medical Technology (MTY)
- Molecular Biology (MOB)
- Pre-Medicine Biology (PMB)
- Pre-Veterinary Medicine (PVM)

In each of these options, the student is required to complete courses in the university core, in biology, in related science areas, and in electives. Each option requires a different assemblage of science and non-science courses. **The Biology Department should be contacted for a current listing of courses required to complete a specific option.**

The above seven options prepare students for careers in the health field, the environment, and biotechnology, and for employment in a number of jobs in government and industry. These options are also preparatory for competitive admission to other professional programs and to other graduate schools.

General Curriculum

	Hours
<b>Biology</b> (selected courses for a given option) .....	57
<b>Related Sciences</b>	
Chemistry .....	25-35
Physics .....	5-15
Mathematics .....	10-20
<b>Core Curriculum</b>	
English Composition .....	10
World History .....	10
Literature .....	10
Fine Arts .....	5
Social Sciences .....	15
Computer Science .....	5
<b>Writing Course</b> .....	5
<b>Electives</b> .....	to complete 200 hours

Students selecting the Environmental Science Option may be eligible after their freshman year for a Cooperative Education Program. This program allows students to obtain work experience in their field while continuing their education. In a typical work experience program, a student alternates quarters of work and study. During the working quarters, the student is paid by the employing agency, such as the Alabama Department of Environmental Management.

The Department of Biology contains its own professional program in Medical Technology. Courses and internships can be completed in approximately four years. Consult the **Medical Technology** section that follows for further details.

Biology students enrolled at AUM may take marine biology courses at the sea lab in Mobile, Alabama. Courses taken at this marine biology station may substitute for some of the courses in the Environmental Science Option. For further details, consult the section that follows entitled **Marine Biology Environmental Sciences Consortium**.

## **Medical Technology (MTY)**

This Biology option is designed to give students a background in clinical laboratory science theories and methods. The skills and experiences in this option will provide entry level preparation necessary to work in clinical labs and in industrial and research oriented jobs. This option is also beneficial for application to graduate schools where laboratory expertise is expected.

The areas of training include chemistry, special chemistry, instrumentation, microbiology (bacteriology, parasitology, and mycology), hematology, immunohematology (blood banking), immunology, serology, toxicology, virology and cell culture, laboratory management, and computer-based analyses.

The program is nationally accredited by the Committee of Allied Health Education and Accreditation, which is in conjunction with the National Accrediting Agency for Clinical Laboratory Sciences.

The program requires two years of preparatory course work followed by a one-year pre-professional phase and one year in the professional phase. The professional phase includes acceptance into one of the following clinical affiliates:

### **Alabama Reference Laboratories, Inc., Montgomery, Alabama**

Adams, Robert, M.D., Instructor of Clinical Pathology  
Green, Jane, Clinical Instructor of Microbiology  
Messick, Rick, Clinical Instructor of Hematology and Immunohematology  
Sanford, Renee, Clinical Instructor of Chemistry  
Young, Kathy, Clinical Instructor/Program Director

### **Baptist Medical Center, Montgomery, Alabama**

Bridger, William, M.D., Medical Director  
Goolsby, Brenda, Clinical Instructor of Immunohematology  
Callahan, Henry, Clinical Instructor of Chemistry  
Jackson, Denise, Clinical Instructor/Program Director  
Smith, Barbara, Clinical Instructor of Hematology  
Turner, Diane, Clinical Instructor of Microbiology  
West, Diane, Clinical Instructor/Administrative Director

### **East Alabama Medical Center, Opelika, Alabama**

Felton, Kathy, Clinical Instructor of Hematology  
Jones, Kathy, Clinical Instructor of Immunohematology  
Shaw, Linda, Clinical Instructor/Coordinator  
Tripp, Jane, Clinical Instructor of Chemistry  
Washington, Diane, Clinical Instructor of Microbiology

### **Flowers Hospital, Dothan Alabama**

Grimes, Sheila, Clinical Instructor of Microbiology  
Jerkins, Earl, Clinical Instructor of Automated Chemistry  
Jerkins, Patricia, Clinical Instructor of Hematology/Coordinator  
Mercer, Jim, Clinical Instructor/Director  
Stewart, Al, Clinical Instructor of Special Chemistry  
Wilkerson, Deborah, Clinical Instructor of Immunohematology

**Jackson Hospital, Montgomery, Alabama**

Harris, Patricia, Clinical Instructor/Laboratory Director  
 Helton, Rogers, Clinical Instructor of Immunohematology  
 Nichols, Ruth, Clinical Instructor of Hematology  
 Rodgers, Erlene, Clinical Instructor of Chemistry  
 Tillery, Sandra, Clinical Instructor of Medical Microbiology

**Montgomery Regional Medical Center, Montgomery, Alabama**

Gubin, N., M.D., Clinical Instructor of Pathology/Medical Director  
 Harris, Cindi, Clinical Instructor of Immunohematology  
 Odoware, Mary, Clinical Instructor of Hematology  
 Olia, Nafisa, Clinical Instructor of Chemistry  
 Saloom, Ruth, Clinical Instructor/Laboratory Director  
 Sommers, Vickie, Clinical Instructor of Microbiology  
 Wilson, Linda, Clinical Instructor/Education Coordinator

**Roche Biomedical Laboratories, Inc., Birmingham, Alabama**

Cox, Sylvia, Clinical Instructor of Chemistry  
 Freeman, Kathy, Clinical Instructor of Electrophoresis  
 Goedde, Charlotte, Clinical Instructor of Hematology  
 Martin, Linda, Clinical Instructor of Toxicology  
 Millsap, Hugo, Clinical Instructor of Microbiology  
 Selby, Ron, Clinical Instructor of Automated Chemistry  
 Smith, Kathy, Clinical Instructor of Immunohematology  
 Turner, Pat, Clinical Instructor/Student Coordinator

**Southeast Alabama Medical Center, Dothan, Alabama**

Daniels, Wayne, Clinical Instructor of Immunohematology  
 Davis, Barbara, Clinical Instructor/Laboratory Director  
 Faulk, Linda, Clinical Instructor of Microbiology  
 Hundley, Diane, Clinical Instructor of Chemistry  
 Medley, Karen, Clinical Instructor of Immunohematology  
 Wagner, Edward, Clinical Instructor/Coordinator

**West Georgia Medical Center, LaGrange, Georgia**

Bachman, Linda, Clinical Instructor of Microbiology  
 Chumly, Carol, Clinical Instructor of Immunohematology  
 Davidson, Joeline, Clinical Instructor/Coordinator  
 Friesen, Melinda, Clinical Instructor of Hematology  
 Gum, Bonnie, Clinical Instructor of Chemistry

Both pre-professional and professional phases begin in the spring of each year. Entrance into the professional phase is competitive. Criteria include course background, grade point average, and letters of recommendation. Students should have at least a 2.0 GPA overall and a 2.5 GPA in the physical and biological sciences. A minimum of 200 quarter hours is required for a B.S. degree. Electives should include courses which meet university core requirements. Course schedules are reviewed periodically to ensure that program guidelines and graduation requirements are met. If necessary, student eligibility for the program can be determined by a Medical Technology Review Committee appointed by the director of the program.

Upon completion of the program, the student receives a B.S. degree in biology (Medical Technology Option) and is then eligible to take the appropriate medical technology national certifying examinations.

Further requirements may apply to some students. For AUM students transferring into the Medical Technology Option, one year of pre-professional course work must be completed before entering the professional phase. Transfer students from other institutions must complete 100 quarter hours in the Medical Technology Option at AUM. To obtain credit for the senior year professional phase, the entire year must be completed in 12 consecutive months.

## Technical Standards

During the professional year of study, the student is expected to develop and display certain characteristics and qualities leading to a conscientious, well-trained and educated entry-level medical technologist/clinical laboratory scientist as described by NAACLS in the Accreditation Essentials and Guidelines. To be considered for final admission to the program, the applicant, during the first two quarters of the junior year, must be able to:

1. Read, write, and interpret data in standard English as evidenced by written examinations and laboratory experiments.
2. Display manual dexterity and mobility required to perform assigned tasks, for example, operation of microscopes and various instruments, performance of phlebotomy, performance of pipetting, manual data entry into computers, and light lifting of objects to prepare instruments and stock supplies.
3. Demonstrate visual acuity (both macroscopic and microscopic) required to differentiate structures and colors, and to perform technical activities requiring visual skills.
4. Demonstrate the ability to perform laboratory procedures based on written and verbal instruction in standard English.

Medical Technology Curriculum

Year One

First Quarter

CH 101 General Chemistry .....	5
MH 150 College Algebra .....	5
BI 101 Principles of Biology .....	5
<b>Total Hours</b>	<b>15</b>

Second Quarter

CH 102 General Chemistry .....	5
EH 101 English Composition .....	5
BI 201 General Microbiology .....	5
<b>Total Hours</b>	<b>15</b>

Third Quarter

CH 103 General Chemistry .....	5
EH 102 English Composition .....	5
Core Elective .....	5
Core Elective .....	5
<b>Total Hours</b>	<b>20</b>

Pre-Professional Year (Spring Quarter)

First Quarter

MTY 307 Immunology .....	5
MTY 316 Clinical Instrumentation I.....	5
CS 100 Survey of Computer or	
IS 207 Introduction to MIS .....	5
<b>Total Hours</b>	<b>15</b>

Second Quarter

MTY 308 Theoretical Immuno-	
hematology .....	5
MTY 317 Clinical Instrumentation II ...	5
Core Elective .....	5
<b>Total Hours</b>	<b>15</b>

Year Two

First Quarter

CH 301 Organic Chemistry .....	5
BI 210 Anatomy and Physiology .....	5
HY 101 World History .....	5
Core Elective .....	5
<b>Total Hours</b>	<b>20</b>

Second Quarter

CH 201 Analytical Chemistry or	
CH 302 Organic Chemistry .....	5
BI 211 Anatomy and Physiology .....	5
MH 267 Elementary Statistics .....	5
Core Elective .....	5
<b>Total Hours</b>	<b>20</b>

Third Quarter

HY 102 World History .....	5
PG 211 General Psychology .....	5
BI 330 Genetics .....	5
Core Elective .....	5
<b>Total Hours</b>	<b>20</b>

Third Quarter

MTY 400 Clinical Bacteriology I .....	5
MTY 314 Clinical Chemistry I .....	5
MTY 312 Hematology I .....	5
<b>Total Hours</b>	<b>15</b>

Fourth Quarter

MTY 414 Clinical Bacteriology II .....	5
MTY 315 Clinical Chemistry II .....	5
MTY 313 Hematology II .....	5
<b>Total Hours</b>	<b>15</b>

**Professional Year (Spring Quarter)****First Quarter**

MTY 420 Clinical Toxicology .....	5
MTY 413 Clinical Virology .....	5
MTY 417 Clinical Bacteriology III .....	5
MTY 411 Clinical Parasitology .....	3
MTY 409 Clinical Mycology .....	2

**Total Hours    20****Third Quarter**

MTY 404 Clinical Hematology II .....	5
MTY 408 Clinical Instrumentation IV ..	5
MTY 422 Clinical Bacteriology IV .....	5

**Total Hours    15****Second Quarter**

MTY 403 Clinical Hematology I .....	5
MTY 405 Clinical Immuno- hematology I .....	5
MTY 401 Clinical Chemistry III .....	4
MTY 410 Clinical Nuclear Medicine ....	1
MTY 412 Urinalysis I .....	3

**Total Hours    18****Fourth Quarter**

MTY 406 Clinical Immuno- hematology II .....	5
MTY 402 Clinical Chemistry IV .....	5
MTY 416 Clinical Urinalysis II .....	2
MTY 418 Clinical Electrophoresis .....	2
MTY 419 Clinical Serology .....	2

**Total Hours    16****Alabama Marine Environmental Sciences Consortium**

The Marine Environmental Sciences Consortium (MESC) is Alabama's unique approach to marine education and research. The MESC is charged with supporting the marine environmental science programs of 21 member colleges and universities within the state by combining financial, academic, and intellectual resources in one place. The MESC is housed at the Dauphin Island Sea Lab, an internationally renowned facility where courses and research in marine science can be pursued.

The Dauphin Island Sea Lab is located on the east end of Dauphin Island, 35 miles south of Mobile, Alabama. The facilities can accommodate 200 persons in residence; support facilities include an apartment building, two dormitories, a cafeteria, 13 three-bedroom family houses, a swimming pool, and other amenities. Specific facilities available to consortium members include the Dauphin Island Sea Lab, Point aux Pins Marsh Lab, Hydrolab, Bayou La Batre Vessel Facility, teaching classrooms, library, research laboratory space, and state-of-the-art instrumentation and equipment. New construction and extensive renovation to teaching, research, and accommodation facilities are currently under way that will allow continued growth and development of teaching and research opportunities at Dauphin Island Sea Lab.

The academic schedule permits courses to be taught during all academic terms. Special topic short courses are periodically offered between terms. The program offered during the two summer sessions is designed for undergraduate and graduate students interested in the marine environment. Course offerings will vary between sessions and between years. Other graduate courses are also offered throughout the year. Classes are taught by resident MESC faculty, faculty from member schools, and faculty from institutions outside the state. Courses have a lecture element, but laboratory exercises are predominantly field oriented. Students are expected to attend a series of weekly seminars where internationally known scientists are invited to speak.

AUM is a member of the MESC. Interested students should contact Dr. John Aho in the Department of Biology for further information.

## Marine Environmental Sciences (MES)

### 200. Ocean Science.

A general survey of oceanic and near-coastal environments with emphasis on the interaction between physical, biological, chemical, and geological processes in the ocean. The course is designed to provide an overview of the role different classes of organisms play in oceanic processes; it is not a comprehensive overview of the systematics and function of specific groups of organisms. Prerequisites: none. Six quarter hours of undergraduate credit.

### 201. Coastal Geomorphology.

An introduction to how physical factors affect coastal sediment processes and how development of coastal regions is affecting our beaches and shoreline. Emphasis of the course is on the northern Gulf of Mexico. Prerequisites: none. Three quarters hours of advanced undergraduate and graduate credit.

### 202. Coastal Zone Management.

An introduction to the ecological features and physical management policies of coastal communities with a description of pertinent federal and state legislative programs. Prerequisites: none. Three quarter hours of advanced undergraduate and graduate credit.

### 203. Coastal Climatology.

An introduction to the physical factors influencing climatic conditions of coastal regions, with emphasis on the northern Gulf of Mexico. Prerequisites: none. Three quarter hours of undergraduate credit.

### 204. Commercial Marine Fisheries of Alabama.

An introduction to the exploitation and biology of economically important vertebrates and invertebrates of Alabama and the adjoining Gulf of Mexico. Emphasis for the course will be on the distribution and abundance, harvesting technology, processing, and economic values of coastal fisheries resources. Prerequisites: none. Three quarter hours of undergraduate credit.

### 320. Marine Technical Methods.

An introduction to the field and laboratory techniques, methodology, instrumentation, and equipment used in various fields of marine research. Prerequisites: none. Three quarter hours of undergraduate credit.

### 325. Marine Biology.

A general survey of marine habitats emphasizing the interactions between marine plants, invertebrates, and vertebrates and their physical and chemical environments. Prerequisites: principles of biology, general chemistry and/or general physics would be helpful. Six quarter hours of undergraduate credit.

### 330. Marine Biology for Teachers.

General survey of marine habitats and organisms emphasizing the interactions between organisms and their physical and chemical environments. Prerequisites: principles of biology, general chemistry and/or general physics would be helpful. Six quarter hours of undergraduate credit.

### 401. Marine Invertebrate Zoology.

A general survey of the invertebrates emphasizing taxonomy, life cycles, and ecology of major and minor phyla, comparative evolution of "systems" in the invertebrates, and how these systems play a role in adaptive radiation. Prerequisites: principles of biology, animal biology. Six quarter hours of advanced undergraduate and graduate credit.



- 405. Marine Botany.**  
A general survey of marine algae, vascular and nonvascular plants associated with marine and estuarine environments. Emphasis will be on identification, structure, reproduction, distribution, and general ecology. Prerequisites: principles of biology, plant biology would be helpful. Six quarter hours of advanced undergraduate and graduate credit.
- 410. Marine Geology.**  
Course covers sampling techniques, laboratory analysis of sediments, interrelationships between coastal processes and sedimentary environments, topography, and sediment characteristics, and animal-sediment interactions. Prerequisites: physical geology, introductory statistics would be helpful. Six quarter hours of advanced undergraduate and graduate credit.
- 430. Marine Ecology.**  
Course covers general ecological principles and how they apply to near-shore and open ocean ecosystems. Emphasis of the course is on adaptations for life in intertidal versus subtidal habitats, bioenergetics, population and community dynamics, speciation, and consideration of unique marine habitats. Prerequisites: principles of biology or animal biology, general chemistry, and general physics would be helpful. Six quarter hours of advanced undergraduate and graduate credit.
- 435. Marsh Ecology.**  
Course covers general ecological principles and how they apply to flora and fauna elements of coastal marsh ecosystems. Topics include the marsh as a habitat for plants and animals, interaction of physical and biological factors influencing population and community structure, and human impacts on marsh ecosystems. Prerequisites: principles of biology, animal biology, plant biology, and ecology. Six quarter hours of advanced undergraduate and graduate credit.
- 440. Marine Vertebrate Zoology.**  
A general survey of the systematics, zoogeography, and ecology of marine fishes, reptiles, and mammals. Prerequisites: principles of biology, animal biology. Six quarter hours of advanced undergraduate and graduate credit.
- 445. Coastal Ornithology.**  
Study of the functional ecology of birds, emphasizing taxonomy, energetics, mechanics of flight and migration, breeding behavior, sociality, and foraging behavior in relation to the coastal environment. Prerequisites: none. Six quarter hours of advanced undergraduate and graduate credit.
- 450. Oceanography.**  
Study of oceanic and near-coastal environments, with particular emphasis on the interaction between physical, geological, chemical, and biological processes in the ocean. Prerequisites: algebra, general physics, general chemistry or permission of instructor. Six quarter hours of advanced undergraduate and graduate credit.
- 455. Recent Marine Sedimentation.**  
Study of the properties of marine sediments, coastal sedimentary environments, continental margin sediments, reef and associated sediments, deep sea sediments, and marine geophysics. Emphasis in the field of the erosional and depositional effects of waves and currents. Prerequisites: introductory marine geology, oceanography. Six quarter hours of advanced undergraduate and graduate credit.

**490. Directed Research.**

Opportunities exist for directed research projects in marine environmental science with MESC or visiting faculty. Students interested in undergraduate or graduate research should contact one of the summer faculty members for suggested topics in their area of expertise. Topic of research project, duration, credit, and acceptance by a supervisor must be arranged prior to arrival at Sea Lab. Students are expected to enroll and conduct the research over the 10-week period. Exceptions may be made for students to enroll for 5 weeks if no other course is taken concurrently. Prerequisite: discussion with and approval by a faculty member who will be in residence during the research period. Courses carry one to nine quarter hours of advanced undergraduate and graduate credit.

**Special Topics.** These are courses that are offered only periodically or will soon be added to the permanent course curricula at Dauphin Island Sea Lab. See Dr. John Aho, Department of Biology, regarding current availability and course numbers. Special topics courses previously offered include the following:

**Dolphins and Whales.** Lectures, audiovisual presentations, and practical exercises to guide students to further study of the classification, anatomy, and ecology of the cetaceans. Prerequisite: vertebrate anatomy or marine vertebrate zoology. Three quarter hours of undergraduate credit.

**Coastal Policy and Resource Management.** An introduction to the legal principles underlying coastal environmental management, including the evolution of current policies, their implementation, and regulation. Emphasis for the course will be from Alabama and Gulf Coast experience, and students will be expected to participate in mock hearings and trial settings. Prerequisites: none. Three quarter hours of advanced undergraduate and graduate credit.

**Marine Animal Developmental Biology.** General survey of the major patterns of marine animal development and their adaptive significance. Prerequisites: invertebrate zoology or developmental biology. Three quarter hours of advanced undergraduate and graduate credit.

**Fisheries Science.** Course represents an in-depth, semi-quantitative introduction to current biological and technological methodologies for studying fish population dynamics and characterizing aquatic habitats. Prerequisites: ichthyology, marine vertebrate zoology or introduction to fisheries science, introductory statistics, or permission of instructor. Six quarter hours of advanced undergraduate and graduate credit.

## **Gerontology (GER)**

### **(Also designated in the School of Liberal Arts)**

Auburn University at Montgomery, in cooperation with the Center for the Study of Aging at the University of Alabama, offers a sequence of courses in gerontology. The aim of the courses is to transmit a core of cognitive knowledge and skills in gerontology. The University of Alabama awards a Specialist in Gerontology Certificate to post-baccalaureate students completing five required courses. Since the certificate is not a degree program, graduate students may count the same courses toward the certificate and a graduate degree. Upper level undergraduate students may count the courses as credit toward their degree program. Students should consult with individual departments to determine whether gerontology courses may be applied to degree programs in which they have an interest.

## Justice and Public Safety Major (JP)

The undergraduate program in Justice and Public Safety offers the Bachelor of Science degree to the person seeking comprehensive education for a professional career in the justice and public safety field. The pattern for this major provides a broad academic preparation in both general education and advanced course work of a specialized nature. The program is designed for the student who clearly demonstrates an aptitude and promise for a career within the structure of the justice and public safety field.

One hundred hours of community college credit may be transferred toward the student's degree in justice and public safety. However, only those courses which have been selected for transfer and meet the requirements for the Justice and Public Safety major may be transferred from the community college. The student may not transfer more than the equivalent of 40 quarter hours of justice and public safety course work into his/her major/option area.

Students seeking the bachelor's degree in justice and public safety must complete the following general studies courses.

### Required General Studies Courses

English Composition (EH 101 and EH 102) .....	10
World History (HY 101 and HY 102) .....	10
Natural and Physical Sciences (one lab course) .....	10
Mathematics (MH 150 and MH 267) .....	10
Literature (Must be courses in literature survey. One course in philosophy or logic may substitute [EH or PH]. Choose from EH 253, EH 254, EH 257, EH 258, EH 260, EH 261, or PH 200, PH 201, PH 310) .....	10
Fine Arts (FA 261, FA 351, FA 352, FA 353, MU 201, MU 250, MU 251, MU 252, TH 204) .....	5
Social Sciences (One must be PO 101 or PO 102; other courses include ANT 211, COM 101, COM 210, EC 200, EC 201, EC 202, GY 205, GY 215, HY 201, HY 202, PG 211, SY 201.) .....	15
Computer Literacy .....	2
<b>Total Hours</b> .....	<b>72</b>

### Required JPS Core Courses for Corrections—Juvenile Justice, Jurisprudence, Law Enforcement, and Security Administration Students

JP 215 Introduction to Justice and Public Safety .....	5
JP 304 Organization and Administration .....	5
JP 362 Criminal Law .....	5
JP 470 Research Methodology .....	5
<b>Total Hours</b> .....	<b>20</b>

### Required JPS Core Courses for Legal Assistant Students

JP 215 Introduction to Justice and Public Safety .....	5
JP 380 Paralegalism/Legal Ethics <sup>1,2</sup> .....	5
JP 460 Legal Research Seminar <sup>1,2</sup> .....	5
JP 462 Legal Writing <sup>1,2</sup> .....	5
JP 470 Research Methodology .....	5
<b>Total Hours</b> .....	<b>25</b>

<sup>1</sup>Legal specialty course.

<sup>2</sup>Required course for certificate students.

Students majoring in Justice and Public Safety will be required to complete an additional 50 hours of work (45 hours in the Legal Assistant Option) in their specific option. All elective credit hours should be taken with the student advisor's concurrence.

The Bachelor of Science degree in Justice and Public Safety requires a total of 200 quarter hours. The department is currently working on degree plans requiring 180 quarter hours. Check with your advisor to determine when this plan would be in effect and which program it would involve.

## **Corrections—Juvenile Justice Option**

### **Courses Required**

- JP 240 Physical Security
- JP 351 Corrections: Theory and Practice
- JP 353 Community Corrections
- JP 422 Seminar: Ethics in Criminal Justice
- JP 451 JPS Planning
- JP 454 Juvenile Justice Law
- JP 455 Correctional Management
- JP 457 Corrections: Rights and Responsibilities
- JP 461 Juvenile Delinquency: Prevention and Control
- JP 467 Family Law

## **Jurisprudence (Pre-Law)**

### **Courses Required**

- AC 201 Introductory Accounting I
- EC 200 Essentials of Economics
- PH 203 Logic
- COM 214 Argumentation, Theory and Debate
- EH 306 Business and Professional Writing
- CED 419 Fundamentals of Counseling
- JP 460 Legal Research Seminar
- JP 462 Legal Writing
- JP 464 Criminal Procedure
- JP 490 Law School Admission Test (LSAT) Preparation

## **Law Enforcement Administration Option**

### **Courses Required**

- JP 225 Law Enforcement Theory and Practice
- JP 312 Investigative Methods
- JP 313 Supervision and Management
- JP 351 Corrections: Theory and Practice
- JP 363 Evidence
- JP 422 Seminar: Ethics in Criminal Justice
- JP 441 Trends in Police Administration
- JP 451 Justice and Public Safety Planning
- JP 464 Criminal Procedure
- JP 471 Alternative Dispute Resolution

## Legal Assistant Option

### Courses Required (Choose nine courses, three required and six electives)

JP 312 Investigative Methods<sup>1</sup>  
 JP 362 Criminal Law  
 JP 363 Evidence<sup>2</sup>  
 JP 372 Probates, Wills, Estates and Trusts<sup>1</sup>  
 JP 373 Real Property Law<sup>1</sup>  
 JP 374 Law Office Management<sup>1</sup>  
 JP 380 Paralegalism/Legal Ethics<sup>1,2</sup>  
 JP 452 Civil Law<sup>1</sup>  
 JP 454 Juvenile Justice Law  
 JP 457 Corrections: Rights and Responsibilities  
 JP 459 Bankruptcy<sup>1</sup>  
 JP 460 Legal Research Seminar<sup>1,2</sup>  
 JP 462 Legal Writing<sup>1,2</sup>  
 JP 464 Criminal Procedure  
 JP 465 Civil Litigation<sup>1,2</sup>  
 JP 466 Court and Judicial Administration  
 JP 467 Family Law<sup>1</sup>  
 JP 468 Torts<sup>1</sup>  
 JP 471 Alternative Dispute Resolution<sup>1</sup>  
 JP 472 Constitutional Law I  
 JP 474 Constitutional Law II  
 JP 478 Administrative Law<sup>1</sup>  
 JP 481 Computer Applications in Law<sup>1,2</sup>  
 JP 490 Readings in JPS  
 JP 491 Directed Research  
 JP 495 Internship<sup>1</sup>

<sup>1</sup>Legal specialty course.

<sup>2</sup>Required course for certificate students.

NOTE: (a) Additional courses may be offered. Elective credit will be given for PO 360 Judicial Process, PO 460 Constitutional Law, MN 341 Business Law I, MN 342 Business Law II, and MN 405 Labor Law and Legislation. (b) Students completing the Legal Assistant Option courses, which consist of JP 380, JP 460, JP 462, JP 363, JP 465, JP 481; one (1) additional legal specialty course; and four (4) other Legal Assistant electives will be awarded the Legal Assistant Technician Certificate.

Students earning the 95-hour Legal Assistant Certificate must complete the required courses, legal specialty courses, and other Legal Assistant electives noted above and eight courses (40 quarter hours) of general education courses for a total of 95 quarter hours.

The Legal Assistant Education Program has received approval from the American Bar Association. AUM is an Institutional Member of the American Association for Paralegal Education. Legal assistants are not lawyers, but aid lawyers in the practice of law. Please note that there is a legal restriction against the practice of law by non-lawyers, including legal assistants.

No student earning a grade of "F" in a required legal assistant course at AUM will be permitted to transfer credit from another school to offset that lower grade; the course must be repeated in residence at AUM. All legal specialty/legal assistant transfer credits must be approved by the program director.

## Security Administration Option

### Courses Required

JP 216 Introduction to Security  
 JP 240 Physical Security  
 JP 312 Investigative Methods  
 JP 317 Retail Security  
 JP 319 Personnel Security  
 JP 363 Evidence  
 JP 437 Industrial Security  
 JP 439 Information Security  
 JP 464 Criminal Procedure  
 JP 468 Torts

## Mathematics Major (MH)

Students wishing to major in Mathematics may choose one of three options: the traditional Mathematics Major (MH), an option in Mathematical Sciences with an emphasis in Engineering (MHE), and an option in Mathematical Sciences with an emphasis in Computer Science (MHC).

Many students planning to enter medically related fields choose to major in Mathematics. In fact, the medical school acceptance rate for applicants with a major in Mathematics is greater than the average acceptance rate for all applicants. The designation PMM is used for students in pre-medical, pre-dental, or pre-optometric programs who desire to major in Mathematics. These students must complete the requirements for one of the three options in Mathematics. Therefore, it is important for these students to consult their designated advisors in Mathematics as well as advisors in the pre-professional programs prior to registering for courses.

The traditional Mathematics Major is recommended for students who intend to continue their education with graduate work in mathematics, medical studies, or related fields. This option also provides a subject-area degree for secondary education students with a major in Mathematics; however, such students should maintain contact with advisors in the School of Education to ensure that all requirements for teacher certification are met.

The Mathematical Sciences options are intended for students who will be seeking employment immediately after graduation. These programs place emphasis on the applicability of mathematics in the areas indicated.

The requirements for these three options are designed to offer as much freedom as possible while assuring that students meet minimal requirements in liberal education and professional standards in mathematics. While in residence at AUM, each student majoring in one of the three mathematics options must complete at least 20 hours of approved mathematics courses at the 300 level or above with grades of "C" or above. Exceptions to this provision must be approved by the department head.

Students interested in majoring in Mathematics should be in frequent contact with their departmental advisors. Because some upper level courses are offered only in alternate years, careful scheduling of courses is essential. All electives must be approved by the Department of Mathematics; in particular, except for courses specifically required in one of the three mathematics options, at most five hours of credit for mathematics and computer programming courses below the 300 level will be applied toward a degree in mathematics.

Students in all three options must complete the following core courses:

EH 101, EH 102, and EH 303

HY 101 and HY 102

MH 161, MH 162, MH 163, MH 264, MH 266, and MH 269

Students pursuing the traditional Mathematics Major must complete these additional requirements:

- CS 120 or CS 200
- MH 267 or MH 467
- MH 420 or MH 430
- MH 421 and MH 431
- MH 422 or MH 423 or MH 432
- 5 hours of mathematics electives at the 300 level or above or PH 370
- 20 hours of science electives, including BI 101 and either CH 101 and CH 102 or PS 210 and PS 211
- 15 hours of approved social science electives
- 10 hours of approved literature courses
- 5 hours of approved fine arts electives
- 10 hours of one foreign language – French, German, or Russian
- Two minors of 15 hours each or one double minor of 30 hours
- Electives to total 200 hours

With the exception of CH 101-102 and PS 210-211, courses counted elsewhere in this section may not be counted toward a minor. Chemistry or Physics is recommended for one minor, but not required; however, all minors must be approved by the Department of Mathematics.

In addition to the core courses, students pursuing the option in Mathematical Sciences with an emphasis in Engineering must complete the following requirements:

- CS 120, MH 421, MH 423, MH 460, MH 467, MH 468, and MH 469
- BI 101, PS 210, PS 211, and PS 212
- EN 102, EN 201, EN 205, EN 207, EN 235, and EN 261
- EC 201 and EC 202
- PO 101 or PO 102
- 10 hours of approved literature courses
- 5 hours of approved fine arts electives
- Electives to total 200 hours

Students pursuing the option in Mathematical Sciences with an emphasis in Computer Science must complete the following requirements in addition to the core courses:

- MH 267, MH 367, MH 420, MH 440, and MH 460
- CS 120, CS 200, CS 300, CS 310, and CS 410
- IS 231 or an approved elective in computer science or information systems
- BI 101, PS 210, PS 211, and PS 212
- 15 hours of approved social science electives
- 10 hours of approved literature courses
- 5 hours of approved fine arts electives
- Electives to total 200 hours

## Physical Science Major (PHS)

The Physical Science curriculum is designed for students who intend to continue studies in professional and graduate schools in the health sciences or in the applied physical sciences such as chemistry or who are interested in working in government or private laboratories. Previous graduates have enjoyed much success in such areas.

Electives must include any additional prerequisite required for the specific program to be pursued after graduation from AUM. It is important that students enroll in MH 160 and CH 101 at the earliest possible opportunity. Students are encouraged to discuss career opportunities with faculty members before the end of the sophomore year.

Chemistry <sup>1</sup> (excluding CH 498) .....	45
Physics .....	15
Mathematics (including MH 161 and MH 267) .....	20
Computer Science .....	5
Biology and/or Foreign Language <sup>2</sup> .....	25
English .....	25
Social Sciences (EC, PG, SY, PO) <sup>3</sup> .....	15
History .....	10
Fine Arts (FA, MU, TH) <sup>3</sup> .....	5
Electives <sup>4</sup> .....	35
<b>Total Hours</b>	<b>200</b>

<sup>1</sup>Students may not obtain credit for both CH 210 and CH 301.

<sup>2</sup>Students intending to proceed to graduate school often must have at least 10 hours of a foreign language. Biology could include MTY courses.

<sup>3</sup>Must include requirements specified in the University Liberal Education Program.

<sup>4</sup>Credit will not be allowed for any introductory course designated by PHS (as opposed to CH and PS), EH 090, any mathematics course below MH 150, BI 104, or BI 105.

## Chemistry Option to Physical Sciences Degree

This option is intended for students planning to attend graduate school in the chemical sciences. Faculty members in the department will be pleased to discuss the attractive career prospects for students who complete this program.

General and Organic Chemistry (including CH 103 and CH 303) .....	30
Chemistry Electives (laboratory courses) <sup>1</sup> .....	20
Chemistry Directed Study .....	5
Physics (excluding PS 207) .....	15
Mathematics (including MH 269, MH 267, and CS 120) .....	30
English .....	25
History .....	10
Biology (laboratory courses) or Pre-Engineering .....	15
Liberal Arts Electives <sup>2</sup> .....	10
Behavioral Science Electives (PO, PG, or Business) <sup>2</sup> .....	15
Approved Electives <sup>2</sup> .....	25
<b>Total Hours</b>	<b>200</b>

<sup>1</sup>Should include any specific requirements for admission to a graduate school. These requirements will frequently include physical chemistry and a foreign language. Electives could not include non-laboratory courses in biology or the physical sciences.

<sup>2</sup>Must include requirements specified in the University Liberal Education Program.

## Pre-Medical Sciences/Physical Sciences Option (PMP)

It is important that students consult with an advisor in Physical Sciences to determine which degree option is most suitable. It should be noted that it is not possible to graduate with a formal pre-medical degree.

Physical Science majors at AUM have enjoyed considerable success on application for admission to health science schools. This is consistent with nationwide trends.

In the event that PMP majors do not enter a professional health science school, employment rates for students with strong backgrounds in chemistry are very high. In addition, large numbers of teaching assistantships are available for students who enter graduate programs in chemistry. It should be noted, however, that both employment or financial assistance in graduate school are best obtained when applications are made at least six months before graduation.



Political Science (PO)

The Department of Political Science and Public Administration at Auburn University at Montgomery provides the student with the opportunity to pursue course work leading to a Bachelor of Science in Political Science. The undergraduate program is intended to provide a broad educational experience for persons interested in professional preparation for public service as well as advanced study.

Political Science Major (PO)

All Political Science majors will pursue a plan of study that will include the following required courses:

- 1. A Broad Core of Lower Division Courses:
  - English (EH 101, EH 102, and EH 305) ..... 15
  - History (HY 101, HY 102, HY 201, and HY 202) ..... 20
  - Economics (EC 201 and EC 202) ..... 10
  - Mathematics (MH 150 or MH 160; MH 267) ..... 10
  - One Biological Science course and one Physical Science course  
(one must be a laboratory course) ..... 10
  - Social and Behavioral Sciences (JP 215 or JP 460;  
SY 201; plus 5 hours selected from these courses:  
COM 101, COM 211, COM 225, GY 205, GY 221, JP 460,  
PG 211, PH 201, PH 203, and SY 202) ..... 15
  - Humanities:
    - One of these courses: FA 261, FA 351, FA 352,  
FA 353, MU 201, MU 250, MU 251, MU 252, or TH 204 ..... 5
    - One of these courses: EH 253, EH 254, EH 257,  
EH 258, EH 260, or EH 261 ..... 5
    - Any of the above literature courses or PH 200 or PH 201 ..... 5
  - Total Hours of Core Courses 95**
- 2. Political Science Courses Required of All Majors:
  - PO 101, PO 102, PO 301, PO 302, and PO 340 ..... 25
- 3. Additional Upper Division Political Science Courses ..... 35  
(It is recommended that at least one course be taken in each  
of these areas: (a) international relations or comparative  
government, (b) United States political institutions, (c) political  
behavior, (d) political theory, and (e) public administration.)
  - Total Hours of Political Sciences Courses 60**
- 4. Minor: Five courses at the 200 level or above in  
one specific field ..... 20-25
- 5. Electives ..... 20-25

**Total Hours Required 200**

No specific curriculum sequence is listed in order to provide students with a considerable amount of scheduling flexibility. It is important that core courses be completed as soon as possible, that EH 101 and EH 102 be completed in the student's freshman year, and that MH 150 and MH 267 be completed in the freshman or sophomore year.

Public Administration

Students wishing to prepare for a professional public service career should pursue the undergraduate degree in political science. Upper division courses in the area of Public Administration, such as PO 330 Municipal Politics and PO 431 Public Administration in State and Local Government, may be selected as a part of the major. Students should understand, however, that a successful career in public sector management normally requires a master’s degree.

Psychology Major (PG)

The objectives of the Department of Psychology undergraduate program are twofold. The first is to provide thorough and rigorous academic instruction for students wishing to continue their study beyond the bachelor’s degree. The second is to provide relevant classroom and practicum instruction for students wishing to enter employment upon completion of a degree program.

While options in Psychology are available for the student wishing to specialize in the undergraduate level, the following general studies courses are required:

Required General Studies Courses

English Composition (EH 101 and EH 102) .....	10
World History (HY 101 and HY 102) .....	10
Mathematics (MH 150, CS 100, and MH 267) .....	15
Biology (BI 101) .....	5
Physical Sciences (any physical sciences course) .....	5
Political Science (PO 101 or PO 102) .....	5
Philosophy (PH 200, PH 201, or PH 310) .....	5
Justice and Public Safety (JP 215) .....	5
Fine Arts (FA 261, FA 351, FA 352, FA 353, MU 201, MU 250, MU 251, MU 252, or TH 204) .....	5
Sociology (SY 201) .....	5
General Introductory Psychology (PG 211) .....	5
Literature (EH 253, EH 254, EH 257, EH 258, EH 260, or EH 261) .....	5
<b>Total Hours</b>	<b>80</b>

Required Core Courses

The student majoring in Psychology must take the following core as part of the minimum requirement for the major:

PG 219 Scientific Methods: Fundamentals .....	5
PG 312 Behavior Analysis .....	5
PG 319 Scientific Methods: Research Analysis .....	5
PG 350 Learning .....	5
PG 420 History and Systems .....	5
PG 481 Seminar, or PG 490 Independent Study, or PG 495 Practicum .....	2-5
<b>Total Hours</b>	<b>27-30</b>

The Psychology Major will consist of a minimum of **55 hours of psychology courses beyond PG 211**. Transfer students are required to take a minimum of 25 hours of AUM psychology courses. The student who majors in Psychology might select among suggested psychology options, with recommended specialty courses, which the student should take with the advisor's approval. For example:

**Option 1**

The general **Experimental Option** might be recommended for students planning to go on to graduate study. In addition to the psychology core courses, the student might take PG 319, PG 326, PG 419, PG 421, and elective psychology courses for a total of 55 hours.

**Option 2**

The **Applied-Behavior Modification Option** might be recommended for students planning for employment in a clinical setting after their undergraduate education, or while they pursue graduate study. In addition to the psychology core courses, the student might take PG 212, either PG 314, PG 323, or PG 415, either PG 324 or PG 325, and PG 412, along with elective psychology courses for a total of 55 hours.

**Option 3**

The **Pre-Clinical Option** might be recommended for students wishing to pursue graduate training in clinical psychology. The student would take the core courses and specialty courses such as PG 317, PG 318, PG 323, and PG 415, along with elective psychology courses for a total of 55 hours.

**Option 4**

The **Industrial-Organizational Option** might be recommended for students wishing to pursue this applied area. The student would take the core courses and then might take the specialty courses PG 314, PG 325, PG 414, PG 434, and elective psychology courses for a total of 55 hours.

**Other Options**

Individualized options that will best meet the needs and goals of individual students can be arranged with the advice and consent of the student's advisor.

**Minors**

The student majoring in Psychology may choose a single minor to total 30 hours of credit; or two minors at 15 hours each.

**Summary of Requirements**

General Studies .....	80
Psychology Major .....	55
Core Courses .....	(27-30)
Elective Psychology Courses .....	(25-28)
Minor .....	30
Electives .....	35
<b>Total Hours</b>	<b>200</b>

# Description of Courses

## Biology (BI)

*Professors Adams, Cairns (Emeritus), Denton (Head), Okia, and Saigo*

*Associate Professors Hebert and Thomson*

*Assistant Professors Aho, Barksdale, Brumlow, Owens, and Hall*

*Lab Manager Fulton*

- 099. Orientation for the Medical Sciences (2). Pr., departmental approval. Note: This course is cross-listed with PHS 099.**

An elective course for pre-professional students in the health sciences. An emphasis will be placed on providing information and developing attitudes which will enhance prospects for admission into appropriate professional programs. Graded on a satisfactory/unsatisfactory basis. Credit for this course is in addition to minimum degree requirements.

- 101. Principles of Biology (5). Lec. 4, Lab. 2.**

Integrated principles of biology, beginning with the structure and function of the cell followed by reproduction, heredity, and evolution.

- 102. Plant Biology (5). Lec. 4, Lab. 2, Pr., BI 101.**

The morphology, physiology, relationships, distribution, and importance of plants.

- 103. Animal Biology (5). Lec. 4, Lab. 2, Pr., BI 101.**

The morphology, physiology, relationships, distributions, and importance of animals. Taxonomic relationships and major adaptations are emphasized.

- 104. Biology in Human Affairs (5). Lec. 4, Lab. 2, Pr., none.**

A non-major's course providing an understanding of biologically based conditions and events as they affect mankind. A variety of topics is selected for their importance or their current interest.

- 105. Environmental Biology and Man (5). Lec. 5, Pr., none.**

A non-major's course on ecological concepts at the population, community, and ecosystem levels in relation to human activities, with emphasis on pollution, patterns of resource utilization, and population growth.

- 141. Biomedical Vocabulary (5). Pr., EH 102.**

The basis for structuring biomedical terminology, learning definitions, and practice in the use of the vocabulary.

- 200. General Nutrition (5). Pr., none.**

Principles of human nutrition and the factors that influence food requirements throughout all age levels. Evaluation of standards, nutritional needs in health and disease, effects of nutritional imbalances, energy balance, and diet.

- 201. General Microbiology (5). Lec. 4, Lab. 4, Pr., BI 101 or departmental approval.**

Fundamentals of microbiology, including history, morphology, metabolism, identification, and distribution of bacteria, fungi, and viruses; also applications to industry and home sanitation, foods, and disease prevention in plants and animals.

- 209. Anatomy and Physiology in Physical Education (5). Lec. 4, Lab. 2, Pr., BI 101.**  
An introductory study of homeostasis, tissues and integumentary, skeletal, articular, muscular, circulatory, and lymphatic systems, with an emphasis on the relationships of human anatomy and physiology to exercise and fitness.
- 210. Human Anatomy and Physiology I (5). Lec. 4, Lab. 4, Pr., BI 101.**  
An elementary course involving a study of the human body in relation to its functions. Includes the gross anatomy and sufficient microanatomy to serve as a foundation to the understanding of the basic mechanics and functions of the organs of the body and anatomy and physiology as related to the integumentary skeletal, muscular, cardiovascular, lymphatic, and urinary systems.
- 211. Human Anatomy and Physiology II (5). Lec. 4, Lab. 4, Pr., BI 101.**  
Anatomy and physiology related to the nervous system and special senses, respiratory, digestive, endocrine, and reproductive systems.
- 316. Clinical Pharmacology (5). Lec. 5, Pr., 5 hours chemistry, BI 210 and BI 211 or departmental approval.**  
A systematic study of therapeutic drugs, their effects on the body, and disease processes; methods of administration and dosage.
- 320. Field Biology (5). Lec. 3, Lab. 6, Pr., permission of instructor.**  
An introductory study of the taxonomy, natural history, and ecology of plants and animals, with emphasis on the relationships between organisms and their natural habitat. Field trips will be made.
- 325. Epidemiology (5). Lec. 5, Pr., BI 201 and MH 267, or departmental approval.**  
An introduction to the techniques used in studying the transmission, incidence, and frequency of disease occurrence in populations.
- 330. Genetics (5). Lec. 4, Lab. 3, Pr., BI 101.**  
Basic general principles; theoretical basis for genetic systems. Lectures, discussions of modern areas of research, and experiments will be intermixed to explain the operational theory of the gene.
- 350. Biological Instrumentation (5). Lec. 1, Lab. 5, Pr., departmental approval.**  
An introduction to modern techniques and instrumentations for defining and measuring parameters encountered in biology. This course is basic to other courses in molecular biology.
- 400. Pre-Health Studies (1-5). Pr., sophomore standing and permission of pre-medical advisor and a minimum 2.75 GPA for 50 hours taken at AUM. Note: This course is cross-listed with PHS 400.**  
A formal course for pre-medical students requiring time to be spent in several departments of local hospitals. Superior allied health science students may receive credit for work in one department. Failure to attend hospitals at initially scheduled times will result in an automatic low grade. May not be taken with more than 10 hours of additional course work under any circumstances. This course should be attempted only by serious health science majors. Specific details vary with the nature of the major field.
- 401. Medical Microbiology (5). Lec. 4, Lab. 3, Pr., BI 201.**  
Etiology, epidemiology, vector controls, identification, and pathogenesis of microorganisms of medical importance to man.

- 402. Mentor in Medicine: (AREA) (2). Pr., sophomore standing and permission of pre-medical advisor. Note: This course is cross-listed with PHS 401.**  
A formal course for pre-medical students requiring time to be spent with a physician on rounds and other typical daily activities. The purpose of the course is to familiarize the student with the talents required of today's physicians: the work schedule and habits, professional competence, knowledge of subject and techniques for remaining current in their specialty, the interpersonal skills, office management abilities, and time management demands. The course will entail at least six contact hours per week. The course may be repeated with permission of the pre-medical advisor, but only two hours may be applied toward graduation.
- 403. General Virology (5). Lec. 4, Lab. 4, Pr., BI 201 and junior standing or departmental approval.**  
The molecular biology of bacterial, plant, and animal viruses, pathogenesis, diagnosis, and procedures for isolation, cultivation, and purification.
- 404. General Mycology (5). Lec. 4, Lab. 4, Pr., BI 201 or departmental approval.**  
Morphology, physiology, and ecology of fungi. Identifications and life histories of representative free-living and parasitic groups.
- 405. Microbial Physiology (5). Lec. 4, Lab. 4, Pr., BI 201, organic or biochemistry, and junior standing or departmental approval.**  
Microbial metabolic pathways for energy production and synthesis, cell ultrastructural synthesis and functions, and molecular genetics.
- 406. Microbial Ecology (5). Lec. 4, Lab. 4, Pr., BI 201, BI 420, or departmental approval.**  
Studies of the actions of environmental factors upon the bacterial flora and of the actions of microbes upon their environments.
- 407. Immunobiology (5). Lec. 4, Lab. 3, Pr., BI 101 and junior standing or departmental approval.**  
Topics in immunobiology will cover cells and molecules that are operative in the immune response. Emphasis will center on immunogenetics and modern experimental techniques used in analysis and research.
- 410. Developmental Biology (5). Lec. 4, Lab. 3, Pr., BI 102 or BI 103 or BI 104.**  
A consideration of descriptive and experimentally derived information on developmental events of various organisms, with emphasis on the mechanics by which organisms achieve an orderly progression of changes during their life cycles.
- 415. Vertebrate Physiology (5). Lec. 4, Lab. 4, Pr., junior standing or departmental approval.**  
Study of the physiological processes and specializations of vertebrates.
- 420. Ecology (5). Lec. 4, Lab. 2, Pr., BI 102 or BI 103 or BI 104.**  
The dynamics of the environment, accenting the description of the physical, chemical, and biological properties of local ecosystems, giving special attention to integrative and homeostatic processes, energy flow, nutrient cycles, and disruptive phenomena.
- 421. Population Ecology (5). Lec. 4, Lab. 2, Pr., BI 420 or permission of instructor.**  
This course deals with ecological and evolutionary phenomena at the population level of organization, particularly population size and dynamics of natural population regulation, dispersion, and dispersal.
- 422. Pollution Ecology (5). Lec. 4, Lab. 4, Pr., permission of instructor.**  
Pollutant origins, actions, toxicities, methods of detection of removal, and effects on populations.

- 423. Air Pollution (5). Lec. 4, Lab. 4, Pr., CH 102 or permission of instructor.**  
The sources and actions of air pollutants, methods of detection, strategies for abatement, and toxicities and other effects on individual organisms and populations.
- 435. Cell Biology (5). Lec. 4, Lab. 3, Pr., BI 101 and junior standing or departmental approval.**  
Basic biological problems at the cellular level; a study of cell function in relation to structure. The generalized cell, the specialized cell, and the cell as an organism will be considered from the viewpoint of classical cytology and in terms of current biochemical, optical, and electron optical studies.
- 440. Human Genetics (5). Lec. 5, Pr., Introductory genetics or departmental approval.**  
Facets of modern genetics relative to humans. Topics include gene splicing and immunogenetics as well as complex legal and social problems stemming from recent developments.
- 445. Animal Behavior (5). Pr., junior standing and 20 hours of biological science or departmental approval.**  
Analysis of learned and unlearned animal behavior and its evolutionary development, integrating the contributions of ethological, ecological, and physiological approaches.
- 450. Freshwater Biology (5). Lec. 4, Lab. 2, Pr., BI 102 or BI 103 or departmental approval.**  
Taxonomy and environmental relationships of the biota of freshwater habitats.
- 451. Invertebrate Zoology (5). Lec. 4, Lab. 2, Pr., BI 101 and junior standing or departmental approval.**  
A taxonomic survey of all major invertebrate phyla with emphasis on major anatomical and physiological features and life histories.
- 454. Field Botany (5). Lec. 4, Lab. 3, Pr., BI 102 or departmental approval.**  
A study of morphology, taxonomy, ecology, and systematics of higher plants with an emphasis on local vegetation. Emphasis will be placed on field trips and plant collections to learn the local plant flora.
- 460. Molecular Genetics (5). Lec. 4, Lab. 3, Pr., BI 330, BI 350, or departmental approval.**  
Principles and techniques for understanding the nature of genes. Emphasis is placed on gene expression, control, and recombinant DNA.
- 475. Endocrinology (5). Lec. 4, Lab. 3, Pr., BI 101 and junior standing.**  
A study of the endocrine glands and their hormones as integrators of body functions in organisms, especially vertebrates.
- 490. Evolutionary Biology (5). Lec. 4, Lab. 2, Pr., BI 102 or BI 103 or departmental approval.**  
A treatment of evolutionary concepts, including population structure, variability, dispersal, gene frequencies, natural selection, and speciation, will provide a basis for understanding current variation among organisms and the historical sequence of major evolutionary events.
- 495. Perspectives in Biology (5). Lec. 5 (or Lec. 4, Lab. 2, if specified), Pr., 30 quarter hours of biology courses or departmental approval.**  
This course is designed to cover subject material in the area of biology. The periodic offering will enable students to take current and diverse topics that are relevant to their biology options. The topics offered are those not fully treated in other formal biology courses. Some quarterly topics may specify a laboratory that will meet two hours each week.



- 498. Directed Research (3-5; may be repeated for a maximum of 10 hours). Pr., 20 credit hours of biology and 3.0 GPA, and departmental approval.**  
Students conduct research under the guidance of a research advisor whom they select in the Department of Biology. A one hour per week research meeting is required. Projects include approaches to designing, conducting, analyzing, and reporting various types of scientific investigations. Grading criteria are defined by the research advisor.
- 499. Senior Seminar (2). Pr., senior standing. Required of all majors.**  
Offered each spring for Biology majors who are graduating seniors. Graded on a pass/fail basis and required of all seniors. Does not satisfy the hours needed for a Biology major. One meeting a week.

## Medical Technology (BI/MTY)

*Co-Medical Directors Richard W. Miller Jr., M.D. (Chemistry, Microbiology), Timothy C. Barrowman, M.D. (Hematology/Hemostasis), and Glen R. Pinkston, M.D (Immunohematology/Serology)*  
Associate Professor Hebert (Program Director)  
Assistant Professors Barksdale (Education Coordinator) and Brumlow

- 301. Clinical Laboratory Orientation (5). Lec. 4, Pr., program approval.**  
A clinical orientation course covering hematology, chemistry, blood bank, serology, bacteriology, mycology, parasitology, and nuclear medicine. A review and orientation course for students of Medical Technology entering the intern year.
- 307. Immunology (5). Lec. 4, Lab. 4, Pr., BI 210, BI 211, and CH 301 or program approval.**  
An introduction to cell mediated and antibody mediated immunity and hypersensitivity. Laboratory exercises are designed to familiarize the student with the techniques basic to immunology.
- 308. Theoretical Immunohematology (5). Lec. 4, Lab. 4, Pr., BI 210 and BI 211 or program approval.**  
Study of the blood groups of man and an introduction to the basic procedures used in blood banks. Selection criteria for blood donors and the processing and storage of blood for transfusion are emphasized.
- 312. Hematology I (5). Lec. 4, Lab. 4, Pr., BI 210 or program approval.**  
Study of the origin and maturation of blood cells with specific emphasis on morphology and laboratory diagnostic techniques.
- 313. Hematology II (5). Lec. 4, Lab. 4., Pr., MTY 312 or program approval.**  
Study of various abnormalities of blood cells and coagulation. Emphasis will be on pathology and laboratory diagnostic techniques.
- 314. Clinical Chemistry I (5). Lec. 4, Lab. 4, Pr., BI 210, BI 211, 20 hours of chemistry including CH 420 or program approval.**  
A study of the general intermediary metabolites of importance in diagnosis of disease. Disorders of carbohydrate and protein metabolism will be discussed with emphasis on the laboratory detection of these disorders.
- 315. Clinical Chemistry II (5). Lec. 4, Lab. 4, Pr., program approval.**  
Renal, respiratory, and hepatic physiology will be discussed with an emphasis on disease processes involving these systems and laboratory diagnosis. Mechanisms for water, electrolyte, and acid-base balance and causes for imbalance will be discussed in association with these organ systems. Theories and techniques of enzymology applicable to the clinical laboratory will be introduced and correlations established between enzyme activities and various disease states.



- 316. Clinical Instrumentation I (5). Lec. 4, Lab. 4, Pr., program approval.**  
An introduction to clinical laboratory instruments. Basic theory of fundamental clinical instrumentation will be discussed with “hands-on” experience in lab. Maintenance procedures and troubleshooting techniques will be introduced.
- 317. Clinical Instrumentation II (5). Lec. 4, Lab. 4, Pr., program approval.**  
Basic theory, maintenance, and troubleshooting of specialized instrumentation used in the clinical laboratory will be discussed with “hands-on” experience in lab. A special project will be assigned on procedural development or instrument repair.
- 400. Clinical Bacteriology I (5). Lec. 4, Lab. 4, Pr., program approval.**  
This course is designed to take the student through the basic procedures used in modern laboratories for the isolation and identification of clinically significant microorganisms. The course introduces the student to the basic mechanisms of host defense and physiologic mechanisms of disease processes. In the course emphasis is placed on practical experience in laboratory methodologies as well as supply inventory control utilizing the micro-computer.
- 401. Clinical Chemistry III (4). Lec. 3, Lab. 3, Pr., program approval.**  
Disorders of lipids and lipid metabolism, iron metabolism, porphyrins and porphyrias, and evaluation of endocrine disorders will be studied.
- 402. Clinical Chemistry IV (5). Pr., departmental approval.**  
Clinical experience in clinical chemistry will be provided in an affiliated hospital. This will involve clinical practice in chemistry procedures and methodologies. A review of basic concepts related to clinical chemistry will be conducted.
- 403. Clinical Hematology I (5). Lec. 4, Lab. 4, Pr., MTY 313 or program approval.**  
This course emphasizes dyscrasias of erythropoiesis and leukopoiesis. Laboratory exercises are designed to develop expertise in hematologic procedures.
- 404. Clinical Hematology II (5). Pr., program approval.**  
This course is a part of the student’s clinical rotation and emphasizes techniques and instrumentation currently used in hematology for diagnosing disease states.
- 405. Clinical Immunohematology I (5). Lec. 4, Lab. 4, Pr., program approval.**  
This course is designed to strengthen the student’s ability to utilize blood bank procedures. Emphasis will be placed on antibody identification and cross-matching techniques.
- 406. Clinical Immunohematology II (5). Pr., program approval.**  
The techniques utilized in clinical laboratories in blood banks will be handled in such a manner as to develop the entry level skills required of the graduating medical technologist.
- 407. Clinical Instrumentation III (5). Lec. 4, Lab. 4, Pr., program approval.**  
A review of instrumentation in the clinical laboratory. Correlations will be examined between results obtained from lab instruments and disease processes. Case studies will be presented by the students for class discussion.
- 408. Clinical Instrumentation IV (5). Pr., program approval.**  
Clinical experience with laboratory instrumentation will be provided in an affiliated hospital to develop skills for an entry level medical technologist.

- 409. Clinical Mycology (2). Lec. 2, Lab. 2, Pr., program approval.**  
This course will emphasize the increasing importance of fungal infections in hospital populations. Classes of fungi covered are the Ascomycetes, Basidiomycetes, Deuteromycetes (Fungi Imperfecti), and Myxomycetes. The major emphasis will be placed on the Deuteromycetes since this class is most often encountered in the hospital. Students will be required to prepare slide cultures and develop skills in basic identification techniques.
- 410. Clinical Nuclear Medicine (1). Lec. 1, Lab. 1, Pr., program approval.**  
Theory of radioisotopes will be introduced along with techniques for handling radioactive materials. The laboratory will involve "hands-on" experience using low level radioisotopes.
- 411. Clinical Parasitology (2). Lec. 2, Lab. 2, Pr., program approval.**  
The disease mechanisms of the blood, tissue, and intestinal parasites will be studied in such a manner as to emphasize general mechanisms of parasitic infections. An emphasis will be placed on laboratory identification methodologies and criteria.
- 412. Urinalysis I (3). Lec. 1, Lab. 1, Pr., program approval.**  
The physiologic mechanisms of the kidney will be stressed as well as the importance of the kidney in controlling the body processes. The laboratory will cover the techniques of microscopic, macroscopic, and chemical analyses utilized in clinical laboratories.
- 413. Clinical Virology (5). Lec. 4, Lab. 4, Pr., program approval.**  
A study of the biology of viruses, the pathogenesis of virus infections, and laboratory techniques for isolating and identifying viruses. The laboratory exercises will allow students to gain experience in standard and "state of the art" procedures such as complement fixation, ELISA, fluorescent antibody staining, agglutination, and hemagglutination-inhibition.
- 414. Clinical Bacteriology II (5). Lec. 4, Lab. 4, Pr., program approval.**  
The student will be introduced to the techniques in the isolation and identification of (1) the Mycobacteria to include *Mycobacterium tuberculosis* and the atypical Mycobacteria; (2) the common fungal contaminants encountered in the laboratories; (3) the anaerobic bacteria; and (4) the non-fermentative bacteria. The student will also be introduced to micro-identification procedures, manual and computerized.
- 415. Clinical Serology I (3). Lec. 2, Lab. 2, Pr., program approval.**  
This course is designed to survey serological procedures used in clinical laboratories. Special emphasis will be placed on non-virus and syphilis serology techniques.
- 416. Clinical Urinalysis II (2). Pr., program approval.**  
This course is designed to be a follow-up to Urinalysis I. The course is given in a hospital environment and is designed to develop the necessary skills in this area for an entry level medical technologist.
- 417. Clinical Bacteriology III (5). Lec. 4, Lab. 4, Pr., program approval.**  
This course is designed to develop in the student the skills necessary to function efficiently in a microbiology laboratory. The student will be exposed to extensive identification problems with significant microorganisms and the handling of clinical specimens. The mechanisms of disease processes and the treatment of diseases will be stressed as well as laboratory safety in working environments.
- 418. Clinical Electrophoresis (2). Pr., program approval.**  
Clinical experience in electrophoretic procedures will be provided in an affiliated hospital.

- 419. Clinical Serology II (2). Pr., program approval.**  
This course is designed to develop in the student the skills in this area for an entry level medical technologist. The course is given in a hospital environment.
- 420. Clinical Toxicology (5). Lec. 4, Lab. 4, Pr., program approval.**  
This course will include the study of various techniques used in clinical toxicology. General theory as well as practical applications of organic acid/base theory, liquid-liquid extraction, TLC, HPLC, and GC will be covered.
- 421. Quality Assurance and Laboratory Management (2). Lec. 2, Lab. 2, Pr., program approval.**  
An introduction to basic laboratory management skills will be presented, including proficiency testing, test and instrument evaluation, cost accounting, quality control, and inventory control. Laboratory inspection requirements will also be covered.
- 422. Clinical Bacteriology IV (5). Pr., program approval.**  
This course is designed to develop in the student the entry level skills required of a medical technologist in the area of clinical microbiology. The student develops these skills in a hospital environment.
- 423. Research Techniques in Clinical Chemistry and Toxicology (5). Lec. 3, Lab. 6, Pr., program approval.**  
This course deals with techniques and tools utilized in current clinical chemistry and analytical toxicology research. Students will get experience with the atomic absorption spectrophotometer, fluorometer, densitometer, HPLC, GLC, and/or infrared spectrophotometer. Microcomputers will also be used to evaluate and interpret results.
- 424. Research Methods in Virology and Immunology (5). Lec. 3, Lab. 6, Pr., program approval.**  
This course will utilize research methods in immunology and virology. Students will acquire proficiency in procedures in the laboratory diagnosis of viral and immunological disorders.
- 425. Research Methods in Clinical Microbiology (5). Lec. 3, Lab. 9, Pr., program approval.**  
This course will cover current methods used in bacteriology, mycology, and parasitology, depending on the area of interest. Instruments used by the student will be anaerobic chamber, GLC, HPLC, micromanipulator, microphotography, MIC/MID station, and fluorescent microscope.

## Chemistry (CH)

*Professors Hamilton (Emeritus), Mahaffy (Distinguished Research Professor),  
Rawlings, Richardson, and Teggin (Head)*

*Associate Professor Thomas*

*Assistant Professor Russell*

*Instructors Findley and Martin*

- 100. Fundamentals of Chemistry (2). Pr., departmental approval.**  
This course provides students with the fundamentals of nomenclature, chemical composition, and important chemical calculations. It is particularly useful for students who require a sound knowledge of basic chemical calculations. However, the course is not a formal prerequisite for the general chemistry sequence.

- 101. General Chemistry I (5). Lec. 4, Lab. 3, Pr. or Coreq., MH 150 or MH 160 or MH 161.**  
A detailed study of atomic theory, chemical bonding, and states of matter. Suitable for technical majors. Students with weak backgrounds may benefit from taking CH 100 prior to this course.
- 102. General Chemistry II (5). Lec. 4, Lab. 3, Pr., CH 101.**  
A study of solution chemistry, acid-base theory, kinetics, and equilibria.
- 103. General Chemistry III (5). Lec. 4, Lab. 3, Pr., CH 102.**  
A study of the chemistry of the important chemical elements plus thermodynamics and introductions to organic chemistry and nuclear chemistry.
- 201. Analytical Chemistry (5). Lec. 3, Lab. 6, Pr., CH 102.**  
Theory and application of volumetric and gravimetric analysis. Most industrial employment opportunities require CH 201 and a knowledge of instrumental analysis. Offered during winter quarter.
- 210. Survey of Organic Chemistry (5). Pr., PHS 130 or CH 101.**  
A general survey designed for students requiring an introduction to organic chemistry. May be taken as part two of a two-part sequence of courses (PHS 130/CH 210) for students in the Allied Health Sciences. Credit may not be obtained for both CH 210 and CH 301.
- 220. Introductory Biochemistry (5). Pr., CH 210 or CH 301.**  
A descriptive course in general biochemistry covering the major classes of biochemical compounds, with applications to human nutrition, digestion, absorption, and body fluids.
- 301. Organic Chemistry I (5). Lec. 4, Lab. 3, Pr., CH 102.**  
A systematic study of the important groups of hydrocarbons, including an introduction to the chemistry of some functional groups.
- 302. Organic Chemistry II (5). Lec. 4, Lab. 3, Pr., CH 301.**  
A detailed study of the major functional groups in organic chemistry.
- 303. Organic Chemistry III (5). Lec. 4, Lab. 3, Pr., CH 302.**  
A continuation of CH 302 with major emphasis on polyfunctional molecules, including a brief introduction to biochemical systems. The laboratory deals with qualitative analysis.
- 320. Instrumental Methods in Biochemistry (5). Lec. 3, Lab. 6, Pr., 20 hours of chemistry.**  
Biomolecules and their analyses by modern instrumental methods. Emphasis will be placed on the principles and applications of the instruments. Many employment opportunities require a working knowledge of this type of instrumentation. Offered during spring quarters of even-numbered years.
- 401. Physical Chemistry I - Thermodynamics (5). Lec. 4, Lab. 3, Pr., 25 hours of chemistry and MH 161.**  
A study of chemical thermodynamics including equilibrium and statistical thermodynamics. This course may be taught concurrently with CH 601. Taught in fall quarters of odd-numbered years.
- 402. Physical Chemistry II - Kinetics and Dynamic Processes (5). Lec. 4, Lab. 3, Pr., 25 hours of chemistry and MH 161.**  
A study of kinetics and related phenomena including catalysis and surface chemistry. This course may be taught concurrently with CH 602. Taught in fall quarters of even-numbered years.

- 403. Physical Chemistry III - Quantum Chemistry and Bonding (5). Lec. 5, Pr., 25 hours of chemistry and MH 161.**  
A study of quantum chemistry and chemical bonding theories. May be taught concurrently with CH 603. Offered in winter quarters of even-numbered years.
- 420. Biochemistry (5). Lec. 4, Lab. 3, Pr., 25 hours of chemistry or biology, including CH 301.**  
A standard biochemistry course for students in the health and physical sciences. CH 220, CH 320, and CH 420 would be equivalent to a minor in biochemistry. This course may be taught concurrently with CH 620. Offered during spring quarters of odd-numbered years.
- 460. Inorganic Chemistry (5). Lec. 5, Pr., 25 hours of chemistry.**  
A modern inorganic course including the main group metals, transition metals, and non-metals. This course may be taught concurrently with CH 640. Offered in winter quarters of odd-numbered years.
- 498. Independent Study in Chemistry (1-5). Pr., 25 hours of chemistry and departmental approval.**

## Computer Science (CS)

- 100. Survey of Computer Applications (5). Pr., MH 150.**  
Applications such as text editing, spreadsheets, and data base systems on DOS-based microcomputers. Includes an introduction to microcomputers, a study of operating systems, programming in an appropriate language, an introduction to microcomputer hardware, communications, and the operation of microcomputers interfaced with laboratory instruments. Laboratory sessions provide a hands-on environment to assist students in mastering basic skills. No prior knowledge of computers is assumed. CS 100 usually is offered every quarter.
- 120. Scientific Programming (5). Pr., MH 151 and permission of instructor or MH 161.**  
FORTRAN programming with applications in the sciences and engineering; introduction to structured programming concepts, including top-down design, control structures, subroutines, and program documentation, with an emphasis on good programming style; an introduction to calculus-based numerical algorithms; the use of scientific subroutine libraries. CS 120 usually is offered in the evening each winter quarter and during the day each spring and each summer quarter.
- 200. Structured Programming I (5). Lec. 3, Lab 6. Pr., MH 151 or MH 161.**  
Introduction to time-shared computer systems; introduction to programming methodology and problem-solving techniques; numeric and string processing; static and dynamic data structures; procedures and functions, including the use of recursion; files. The programming language Pascal will be used. CS 200 usually is offered each fall quarter.
- 300. Structured Programming II (5). Pr., CS 200; Coreq., MH 163.**  
Advanced programming techniques including software development methodologies, analysis of efficiency of algorithms, and representation of data structures; an introduction to the programming language Ada. CS 300 usually is offered each winter quarter.
- 310. Unix and C (5). Pr., CS 200.**  
An advanced survey of the C programming language and Unix-like operating systems. Emphasis is given to the implementation of algorithms in C and to the use of the major Unix utilities. CS 310 usually is offered only in the spring quarter of odd years.

- 360. Fundamental Algorithm Design and Analysis (3). Pr., CS 300.**  
 Algorithm development using pseudo-languages; elementary program structures; classification of algorithms, e.g., recursive, divide-and-conquer, greedy; algebraic simplification and transformation; evaluation of polynomials; iteration; sorting; solving linear equations; basic search methods and backtracking.
- 400. File Processing (5). Pr., CS 300.**  
 Computer science concepts related to external storage devices, including the external data structures necessary for implementing different file organizations. The course uses the programming language Ada and assumes a background in the fundamentals of Ada.
- 410. Software Components (5). Pr., CS 300 and MH 420.**  
 The abstraction and implementation of reusable computer software components with applications to data structures and algorithms and to the engineering of large, software-intensive systems. The course uses the programming language Ada and assumes a background in the fundamentals of Ada. CS 410 usually is offered only in the spring quarter of even years.
- 491. Foundations of Computer Science I (5). Pr., permission of instructor.**  
 Topics in data structures and algorithms; abstract data types; analysis of time-space design considerations; applications and implementations. A course for individuals who have degrees in technical areas other than computer science. Along with CS 492 and CS 493, this course is intended to provide the background for graduate study in computer science and engineering. Credit for this course can be applied toward a degree only with the approval of the student's dean.
- 492. Foundations of Computer Science II (5). Pr., permission of instructor.**  
 Mathematical foundations of computer science; recurrence equations; partially ordered structures; logic; formal machines and computability; engineering applications. A course for individuals who have degrees in technical areas other than computer science. Along with CS 491 and CS 493, this course is intended to provide the background for graduate study in computer science and engineering. Credit for this course can be applied toward a degree only with the approval of the student's dean.
- 493. Foundations of Computer Science III (5). Pr., CS 491 and permission of instructor.**  
 Topics in systems software, including assemblers, macro processors, loaders, compilers, and operating systems. A course for individuals who have degrees in technical areas other than computer science. Along with CS 491 and CS 492, this course is intended to provide the background for graduate study in computer science and engineering. Credit for this course can be applied toward a degree only with the approval of the student's dean.
- 499. Special Topics in Computer Science (1-5). Pr., permission of instructor.**  
 The student will work under the direction of a staff member on some topic of mutual interest. With the approval of the department head of the Department of Mathematics, CS 499 may be taken on a pass-fail basis.

## Engineering (EN)

*Professor Chambless*

*Associate Professor Liddell (Coordinator)*

*Assistant Professor Albree*

- 102. Graphical Communication and Design (5). Lec. 4, Lab. 3. Coreq., MH 161.**  
Fundamental aspects of descriptive geometry and graphical techniques as an aid to spatial visualization and communication in design. Emphasis is divided evenly between pencil and paper work and Computer Aided Design (CAD). Topics include sketching, multiviews, graphical conventions and symbols, geometry and calculus, and applications. EN 102 usually is offered each fall quarter and each spring quarter during the day.
- 201. Thermodynamics I (5). Coreq., EN 205.**  
Laws of thermodynamics; energy transformations; properties and relationships among properties; equations of state and simple processes and cycles. EN 201 usually is offered each winter quarter in the evenings.
- 205. Applied Mechanics: Statics (5). Pr., PS 210, MH 163.**  
A vector treatment of the principles of mechanics applied to problems involving bodies and systems of bodies in equilibrium: forces; moments; resultants; distributed forces; equilibrium of bodies and systems of bodies; internal resultant forces; friction; centroids and centers of gravity; area moments and products of inertia. EN 205 usually is offered each fall quarter in the evening and each winter quarter during the day.
- 207. Mechanics of Solids (5). Pr., EN 205.**  
Principles of solid mechanics applied to bodies and systems of bodies: fundamentals of stress and strain; stress-strain relations with temperature effects; stress-strain-deformation analysis of bodies and systems of bodies subject to axial loading, pressurization, torsion, shear, and flexure. EN 207 usually is offered only in the spring quarter of odd years.
- 235. Applied Mechanics: Dynamics (5). Pr., EN 205.**  
A vector treatment of the principles of mechanics applied to problems involving bodies and systems of bodies in motion: kinematics of particles and rigid bodies in three dimensions; general relative motion equations; kinetics of particles in three dimensions and of rigid bodies in plane motion by methods of force-mass-acceleration, work-kinetic energy, and impulse-momentum. EN 235 usually is offered only in the spring quarter of even years.
- 261. Linear Circuit Analysis I (5). Pr., PS 212, Coreq., MH 269.**  
Basic laws and concepts; resistive circuits; network topology; R-L, R-C, and operational amplifier circuits; circuit simulation using SPICE.
- 411. Engineering Statistics (5). Pr., MH 264.**  
Basic probability theory; combinatorics; random variables; special distributions; applications to scientific and engineering data. May be taught concurrently with MH 467 and MH 667. EN 411 usually is offered only in the fall quarter of even years.



## Gerontology (GER)

*Professors Adams, Cairns (Emeritus), and Mullins (Coordinator)*

*Associate Professor Slattery*

*Assistant Professor Rankin*

- 470. An Introduction to Gerontology (5).**  
An advanced interdisciplinary analysis of aging in American society from the perspective of the fields of biology, political science, economics, psychology, and sociology. This course may be taught concurrently with GER 670.
- 480. The Aging Process (5).**  
An overview of the sociological approaches to the aging process. Examination of the special problems of the aged in American society: sociological, psychological and physiological aspects. This course may be taught concurrently with GER 680.
- 482. Legal Aspects of Aging (5).**  
Political and legal realities confronting older adults. An examination of historical and current legislative programming relevant to the aging, and strategies of political involvement and influence building. This course may be taught concurrently with GER 682.
- 484. Research in Aging (5).**  
Methods and techniques currently employed in studying the aging process and aging populations. This course may be taught concurrently with GER 684.
- 487. Aging and Health Care (5).**  
The biology of aging. Normal senescence as well as pathological conditions common to the aged. Preventive health measures, management of chronic conditions, and rehabilitative services. This course may be taught concurrently with GER 687.
- 488. Implementation and Evaluation of Programs for Older Adults (5).**  
Analysis of organizational structure and function of current programs for older adults. Administrative and management principles of program evaluation. Models of planning, programming, and budgeting systems. This course may be taught concurrently with GER 688.

## Justice and Public Safety (JP)

*Professors Osterhoff and Schrader (Emeritus)*

*Associate Professors McClurg (Head), Schlotterback (Emeritus), and Shook*

*Assistant Professors Bailey and Van Der Velde*

- 215. Introduction to Justice and Public Safety (5). JPS and Legal Assistant core course.**  
Examines the philosophy of crime, criminal behavior, and law as they relate to the criminal justice system. Discusses the role of law enforcement, prosecution, defense, court system, corrections, and juvenile justice at various levels in the criminal justice system. Offered each quarter.
- 216. Introduction to Security (5).**  
Survey of the scope of the security administration field in business, industry, and government; consideration of the problems and issues affecting the relationship between publicly funded law enforcement and the private sector.



- 225. Law Enforcement Theory and Practice (5). Pr., JP 215 or permission of instructor.**  
This course will focus upon the theory of law enforcement at the local, state, and federal levels of government. Police ethics; past, current, and future changes in law enforcement policies and practices will be discussed.
- 240. Physical Security (5). Pr., JP 216 or permission of instructor.**  
Physical protection of industrial, business, governmental, and educational facilities; physical security requirements and standards, security surveys, theory of defense in depth; locks and locking devices, safes, vaults, and countermeasures; intrusion devices and defense against methods of entry; sabotage and sabotage devices; planning related to physical facilities in terms of security of inventory, personnel, and documents.
- 304. Organization and Administration (5). Pr., JP 215 or permission of instructor. JPS core course.**  
Introduction to organizational structures, human resource management, organizational performance, and consideration of organizational changes.
- 312. Investigative Methods (5).**  
Examination of theories and practices of the investigative process in the criminal justice system; specific operational techniques; applications of innovative techniques.
- 313. Supervision and Management (5). Pr., JP 215.**  
Examines the role of supervision in relation to leadership, motivation, evaluation, and discipline in law enforcement agencies.
- 319. Personnel Security (5). Pr., JP 216 or permission of instructor.**  
Comprehensive study of security problems related to personnel; scope of personnel background investigations and utilization of investigative reports; problems involved in personnel clearances and effective utilization of nonclearable personnel; debriefing procedures of retired or dismissed personnel; selection, training, and requirements of personnel; selection, training, and requirements of personnel used in personal protection of selected individuals; procedures, problems, and concepts of personnel protection.
- 351. Corrections: Theory and Practice (5). Pr., JP 215, and JP 304 or permission of instructor.**  
Examination of the historical development of corrections; its philosophical orientation; theories and practices, including the traditional and contemporary; and emphasis upon institutional aspects.
- 353. Community Corrections (5). Pr., JP 304 or permission of instructor.**  
Problems in probation, pardons and parole, and other community-based programs are examined as to policies, procedures, and feasibility. Relationship to community service organizations is examined.
- 362. Criminal Law (5). Pr., JP 215 and JP 304 or permission of instructor. JPS core course.**  
Jurisprudential philosophy and case study of common law and statutory crimes; includes functions and development of substantive criminal law, elements of specific offenses; defenses. Offered fall quarter.
- 363. Evidence (5). Pr., JP 362, JP 312 or permission of instructor.**  
Issues and problems of proof in civil and criminal trials, rules of evidence, examining witnesses, constitutional considerations, etc.
- 372. Probate, Wills, Estates, and Trusts (5). Pr., junior or senior standing.**  
To familiarize the student with the process of estate planning and probate, with emphasis on the practical aspects of will drafting, creation of trusts, and probate administration.

- 373. Real Property Law (5). Pr., junior or senior standing.**  
A study of the aspects of real property law concerning present and future estates in realty, concurrent ownership, landlord-tenant relationships, conveyances, and titles.
- 374. Law Office Management (5). Pr., junior or senior standing.**  
Examination of various aspects of managing a law office, including management theories, organization of different types of law offices, office systems and procedures, computerized systems, and personnel management.
- 380. Paralegalism/Legal Ethics (5). Pr., junior or senior standing and Legal Assistant Option or Legal Assistant Technician non-degree candidate. Legal Assistant core course.**  
Survey of the occupational field of the "legal assistant" concerning matters such as ethics, law office management, legal research, law libraries, overview of administrative law, criminal law, civil law, employment discrimination, and career opportunities.
- 422. Seminar: Ethics in Criminal Justice (5). Pr., junior or senior standing or permission of instructor.**  
Ethical dilemmas and decisions in the criminal justice system, with a focus on law enforcement problems. May be offered concurrently with JP 622.
- 437. Industrial Security (5). Pr., JP 216 or permission of instructor.**  
Administrative and managerial aspects of the security field in both the public and private sector; consideration of unique security management problems arising from labor disputes, demonstrations, civil disorders, and riots; white collar and organized crime; industrial espionage; management issues peculiar to organizations which operate under constraints imposed by federal and state regulatory agencies.
- 439. Information and Computer Security (5). Pr., junior or senior standing.**  
This course is designed to acquaint the student with methods and procedures concerning protection of information, computer hardware, and software. Emphasis will be placed upon identifying the organizational responsibility for protective programs and detection of information and computer theft.
- 441. Trends in Police Administration (5). Pr., permission of instructor.**  
Reviews administrative structure, management practices, and operational aspects of enforcement agencies in the criminal justice system. Analysis and evaluation of innovative programs and the impact of science and technology. May be offered concurrently with JP 641.
- 451. Justice and Public Safety Planning (5). Pr., junior or senior standing.**  
Introduction to planning concepts, methods, implementation, budgeting, and evaluation. Discusses the relationship of planning to effective management and decision-making. Develops a broad conceptual framework for various planning methods and techniques. May be offered concurrently with JP 651.
- 452. Civil Law (5). Pr., junior or senior standing.**  
To provide the student with an understanding of specific civil law subjects, including areas such as conflicts of laws, equity, extraordinary remedies, mortgages, legal ethics, insurance, personal property, administrative law, environmental law, and labor relations law. May be taught concurrently with JP 652.

- 454. Juvenile Justice Law (5). Pr., JP 461 or permission of instructor.**  
Historical and case oriented approach to the legal basis of individualized justice for children, including early common law approaches, the child saving movement, the juvenile court era, and the modern challenge to the court by the constitutionalists.
- 455. Correctional Management (5). Pr., JP 351 or permission of instructor.**  
Application of basic principles of organization and management to corrections. Relationship among functional components of an institution; innovative models in both institutional and non-institutional settings.
- 457. Corrections: Rights and Responsibilities (5). Pr., JP 225 or JP 351 or permission of instructor.**  
A detailed examination of jail and prison staff and inmates' rights and responsibilities in relationship to 18 U.S.C. 241-242 and 42 U.S.C. 1983, deprivation of civil rights legislation.
- 458. Seminar: Retail Security (5). Pr., JP 312 or permission of instructor.**  
Examination of losses suffered by retailers as a result of manmade and natural security hazards. Reviews methods of handling such losses as shrinkage and external theft, insurance fraud, and employee theft as they relate to the duties and responsibilities of the security administrator. May be offered concurrently with JP 658.
- 459. Bankruptcy (5). Pr., junior or senior standing, or permission of instructor.**  
To provide the student with an understanding of bankruptcy law, including such topics as creditor collection, history of bankruptcy, non-bankruptcy alternatives, Chapter 7 bankruptcy, Chapter 13 bankruptcy, assets of bankruptcy estate, bankruptcy trustees, and life after bankruptcy. May be offered concurrently with JP 659.
- 460. Legal Research Seminar (5). Pr., a minimum of three law-related courses or permission of instructor; junior or senior standing.**  
Detailed study of legal bibliography, law library research, case and text analysis resulting in the supervised production of legal research assignments. Upon completion the student will be able to identify and use a variety of legal sources, plan a research strategy, and complete a significant research project. May be offered concurrently with JP 660.
- 461. Juvenile Delinquency: Prevention and Control (5). Pr., 215 or permission of instructor.**  
Examination of major hypotheses and developments in the prevention and control of juvenile delinquent behavior. Review of recent legislation. Evaluation of traditional and innovative programs involving all functional components of the criminal justice system and the community. May be offered concurrently with JP 661.
- 462. Legal Writing (5). Pr., JP 460 or permission of instructor. Legal Assistant core course.**  
Detailed study of writing skills and preparation of legal documents including legal briefs and memoranda of law. This course will integrate legal research and analysis skills to produce legal documents and effective legal communication. May be offered concurrently with JP 662.
- 464. Criminal Procedure (5). Pr., JP 362 and JP 363, or permission of instructor.**  
A study of the legal steps involved in the enforcement of criminal law and the fundamental principles necessary to a fair trial. Procedurally oriented discussion of arrest, search and seizure, right to counsel, and due process of law.

- 465. Civil Litigation and Procedure (5). Pr., junior or senior standing.**  
A study of the legal steps involved in the preparation of a civil case at law, efforts towards non-judicial settlement, and trial and post-trial considerations and general civil law matters. Advanced students will concentrate upon substantive and procedural matters leading to concentrated study of specific topics of critical interest in both the public and private sectors. May be offered concurrently with JP 665.
- 466. Court and Judicial Administration (5). Pr., junior or senior standing.**  
Historical and contemporary perspectives of the field of state court management at the state and local level. In addition, administrative and management issues concerning trial courts, state court system, and the federal court system will be analyzed in regard to case management, jury management, personnel administration, budgeting, and other topics. Advanced students will concentrate on specific topics of critical interest concerning the administration of state court systems. May be offered concurrently with JP 666.
- 467. Family Law (5). Pr., junior or senior standing, or permission of instructor.**  
Examination of the law impacting family relationships such as marriage, annulment, divorce, adoption, child support and custody, child abuse, illegitimacy, termination of parental rights, and other related issues. It will also include procedural matters such as separation agreements, support agreements, and the rights of the parties involved.
- 468. Torts (5).**  
The law of private wrongs: negligence theory; duty; breach of duty; proximate cause; damages; and defenses. Examination of legal and medical malpractice. Discussion of intentional torts.
- 470. Justice and Public Safety Research Methodology (5). Pr., EH 101 and EH 102. JPS and Legal Assistant core course.**  
Research theory and methodology in the social sciences as applicable to justice and public safety; preparation of research designs; conceptual models; sampling techniques and procedures; and development of an individual research paper. May be offered concurrently with JP 670.
- 471. Alternative Dispute Resolution (5). Pr., junior or senior standing.**  
Examination of the various aspects of Alternative Dispute Resolution, including arbitration, negotiation, and mediation. The class will look at the differences and requirements in these areas as well as explore skills needed to work in this area, which is a growing field of law.
- 472. Constitutional Law I (5). Pr., PO 101 or PO 102, and junior standing.**  
Surveys the development of American constitutional law that shapes the contemporary powers of governments in the United States.
- 474. Constitutional Law II (5). Pr., PO 101 or PO 102, and junior standing.**  
Reviews the development of constitutional protections of individual rights and liberties in the United States.
- 478. Administrative Law (5).**  
This course will be directed towards the study of the substantive and procedural matters concerning the administrative justice system, including code and standards, benefit claims, regulated groups, court decisions, and civil rights. Constitutional questions, factual issues, statutory problems, and procedural matters at both the state and federal levels will be considered.

- 481. Computer Applications in Law (5). Pr., COM 271 or CS 100, and JP 460 or permission of instructor; junior or senior standing.**  
Introduction to software commonly used in law offices, including spreadsheets, databases, and case management software, and review of word processing applications. Includes instruction in use of Internet and computer assisted legal research. Enrollment limited to 30.
- 490. Special Topics in Justice and Public Safety (5). Pr., junior or senior standing.**  
In-depth examination of specific topics of current interest in criminal justice, public safety, and legal assistant education. Course may be repeated as topics change. This course may be offered concurrently with JP 690.
- 491. Directed Research (1-10). Pr., Non-Legal Options (EH 305 Expository Writing), Legal Options (JP 460 Legal Research) and permission of advisor.**  
Independent research into criminal justice problems, issues, and theories. Credit may not exceed 5 hours for any single project.
- 495. Internship (1-10). Pr., junior or senior standing and permission of advisor.**  
Supervised study in an administrative setting which provides the opportunity to integrate theory and practice in criminal justice agencies. Credit may not exceed 5 hours for any single internship.

## Mathematics (MH)

*Professors Chambless, J. Hill, Nanney, and*

*Palmer (Director of Freshman Mathematics)*

*Associate Professors C. Huang, Liddell, Marks, Nowell, Peele, Powell,*

*F. Smith, and Woods (Head)*

*Assistant Professors Albree, Christian, Schmidt, and Underwood*

- 090. Elementary Algebra (5). Pr., an appropriate score on the AUM Mathematics Placement Test.**  
A review of high school Algebra I for those not prepared for College Algebra. Only the final grades "S" (successful completion), "U" (not completed), and "FA" (failure due to absence) will be assigned. This course does not fulfill the mathematics requirement of the University Liberal Education Program. (A student who wishes to register for this course should arrange with the Department of Mathematics to take the AUM Mathematics Placement Test prior to registration.) Credit for this course is in addition to minimum degree requirements. MH 090 usually is offered every quarter.
- 150. College Algebra (5). Pr., MH 090 or an appropriate score on the AUM Mathematics Placement Test.**  
Emphasizes algebraic techniques, coordinate geometry, functions and relations and their graphs, and logarithms. A preparatory course for MH 151 and MH 160. However, a maximum of five hours credit for MH 150, MH 155, and MH 160 may be applied toward graduation requirements. (A student who wishes to meet the prerequisite of this course on the basis of the AUM Mathematics Placement Test should arrange with the Department of Mathematics to take this test prior to registration. A student who places above MH 150 on the basis of the placement test may be able to earn credit by examination for MH 150. Contact the Department of Mathematics for details.) MH 150 usually is offered every quarter.

- 151. Survey of Calculus and Linear Algebra (5). Pr., MH 150 or MH 160 or an appropriate score on the AUM Mathematics Placement Test.**  
Differential and integral calculus; matrix algebra; systems of linear equations. Applications in the management, natural, and social sciences are included. Credit for MH 151 will not be applied toward a degree in mathematics. Duplicate credit will not be allowed for MH 151 and MH 161. (A student who wishes to meet the prerequisite of this course on the basis of the AUM Mathematics Placement Test should arrange with the Department of Mathematics to take this test prior to registration. A student who places in MH 151 on the basis of the placement test may be able to earn credit by examination for MH 150. Contact the Department of Mathematics for details.) MH 151 usually is offered every quarter.
- 155. Trigonometry (2). Pr., MH 150 or an appropriate score on the AUM Mathematics Placement Test.**  
Basic analytic and geometric properties of the trigonometric and inverse trigonometric functions, including graphs, trigonometric identities and equations, special formulas, and the laws of sines and cosines. A maximum of five hours credit for MH 150, MH 155, and MH 160 may be applied toward graduation requirements.
- 160. Precalculus Mathematics with Trigonometry (5). Pr., MH 150 or an appropriate score on the AUM Mathematics Placement Test.**  
Basic analytic and geometric properties of the algebraic and trigonometric functions. Prepares students for MH 161. A maximum of five hours credit for MH 150, MH 155, and MH 160 may be applied toward graduation requirements. (A student who wishes to meet the prerequisite of this course on the basis of the AUM Mathematics Placement Test should arrange with the Department of Mathematics to take this test prior to registration. A student who places above MH 160 on the basis of the placement test may be able to earn credit by examination for MH 150 or MH 160. Contact the Department of Mathematics for details.) MH 160 usually is offered every quarter.
- 161. Analytic Geometry and Calculus I (5). Pr., MH 160 or an appropriate score on the AUM Mathematics Placement Test.**  
Basic differential calculus of rational and trigonometric functions. Principal topics include limits; the derivative; computation of derivatives; applications of the derivative including related rates, max/min problems, and curve sketching; and antiderivatives. Duplicate credit will not be allowed for MH 161 and MH 151. (A student who wishes to meet the prerequisite of this course on the basis of the AUM Mathematics Placement Test should arrange with the Department of Mathematics to take this test prior to registration. A student who places in MH 161 on the basis of the placement test may be able to earn credit-by-examination for MH 150 or MH 160. Contact the Department of Mathematics for details.) MH 161 usually is offered every quarter.
- 162. Analytic Geometry and Calculus II (5). Pr., MH 161.**  
A continuation of MH 161. Basic integral calculus and the calculus of the transcendental functions. Principal topics include the definite integral; applications of the definite integral to areas, volumes, arc length, work, moments, and center of mass; logarithmic, exponential, trigonometric, and inverse trigonometric functions; and techniques of integration. MH 162 usually is offered every quarter.

- 163. Analytic Geometry and Calculus III (5). Pr., MH 162.**  
A continuation of MH 162. Numerical methods, infinite series, vectors, calculus of vector functions. Principal topics include indeterminate forms; improper integrals; Taylor's Theorem; approximate integration; infinite series; power series; vectors in the plane and in three-space; and applications to curvilinear motion. MH 163 usually is offered every quarter but only during the day in fall quarter and only during the evening in summer quarter.
- 264. Multivariable Calculus (5). Pr., MH 163.**  
A continuation of MH 163. Calculus of functions of more than one variable and vector calculus. Principal topics include partial derivatives; the gradient and its applications; the Chain Rule; maxima and minima, including Lagrange multipliers; double and triple integration in Cartesian coordinates and in other coordinate systems; line integrals; Green's Theorem; surface integrals; the Divergence Theorem; and Stokes's Theorem. MH 264 usually is offered during the day each fall quarter and in the evening each spring quarter and each summer quarter.
- 266. Linear Algebra (5). Pr., MH 163.**  
Vector spaces, linear transformations, matrices, determinants, and systems of equations. MH 266 usually is offered each fall quarter in the evening and each spring quarter during the day.
- 267. Elementary Statistics (5). Pr., MH 150 or MH 160.**  
This course provides a statistical background for students not majoring in mathematics. Topics covered include probability, frequency distributions and sampling, hypothesis testing, correlation, and regression. Duplicate credit will not be allowed for MH 267 and QM 274. MH 267 usually is offered every quarter.
- 269. Ordinary Differential Equations (5). Pr., MH 163.**  
First-order differential equations; higher-order, linear differential equations, including infinite series solutions; Laplace transforms; systems of linear differential equations; applications. MH 269 usually is offered during the day each winter quarter and in the evening each fall quarter and each summer quarter.
- 291. Mathematics for Elementary Education I (5). Pr., MH 090 or an appropriate score on the AUM Mathematics Placement Test.**  
The first course in a three-course sequence covering the mathematical concepts that form the basis for the mathematics taught in the elementary schools. Problem solving; logic; sets and functions; numeration with whole numbers; concepts, computations, properties, and models of operations; factorization; numeration and operations with integers. MH 291 usually is offered during the day each fall, spring, and summer quarter and at night each winter quarter.
- 292. Mathematics for Elementary Education II (5). Pr., MH 291.**  
A continuation of MH 291. Concepts, computations, and models of operations with fractions; decimals, percentage, and scientific notation; probability and simulation; descriptive statistics; introduction to inferential statistics; the algebra and graphs of equations. MH 292 usually is offered during the day each fall, winter, and summer quarter and at night each spring quarter.



**293. Mathematics for Elementary Education III (5). Pr., MH 292.**

A continuation of MH 292. Geometric figures in two and three dimensions; rigid motions and congruence; connectivity and convexity; measurement of lengths, areas, volumes, and angles; metric system; construction with ruler and compass; congruent and similar figures. MH 293 usually is offered during the day each fall, winter, and spring quarter and at night each summer quarter.

**367. Advanced Statistics (5). Pr., MH 267.**

Correlation and regression, analysis of variance, nonparametric methods, multivariate analysis. Emphasis on applications. Includes introduction to statistical computing using SAS. Duplicate credit will not be allowed for MH 367 and QM 275. MH 367 usually is offered each winter quarter during the day and each summer quarter in the evening.

**411. History of Mathematics (5). Pr., MH 163 or permission of instructor.**

A first course beginning with Babylonian and Egyptian mathematics, including the contributions of the Greeks, and the development of elementary mathematics through calculus. This course may be taught concurrently with MH 611. MH 411 usually is offered only in the summer quarter of odd years.

**420. Discrete Mathematics (5). Coreq., MH 266 or permission of instructor.**

Combinatorial reasoning and problem solving, including graph theory, counting principles, permutations and combinations, and combinatorial modeling. MH 420 may be taught concurrently with MH 620. MH 420 usually is offered only in the fall quarter of odd years.

**421. Analysis I (5). Pr., MH 266 or permission of instructor.**

The Least Upper Bound Axiom and order properties of the real line; sequences; series; continuous functions; fixed point theory. Emphasis is on development of proofs by students. MH 421 may be taught concurrently with MH 621. MH 421 usually is offered only in the winter quarter of even years.

**422. Analysis II (5). Pr., MH 421.**

A continuation of MH 421. Limits; derivatives; theory of the Riemann integral; sequences of functions; uniform convergence; power series. Emphasis is on development of proofs by students. MH 422 may be taught concurrently with MH 622. MH 422 may be offered only in the spring quarter of even years.

**423. Complex Variables (5). Pr., MH 264.**

Complex numbers, limits, differentiation, analytic functions, integration, conformal mappings, and applications. This course may be taught concurrently with MH 623. MH 423 usually is offered only in the spring quarter of even years.

**430. Number Theory (5). Pr., MH 266 or permission of instructor.**

Mathematics of the integers: divisibility, primes, unique factorization; congruences and residues; Diophantine problems; number theoretic functions. MH 430 may be taught concurrently with MH 630. MH 430 usually is offered only in the fall quarter of even years.

**431. Modern Algebra I (5). Pr., MH 266 or permission of instructor.**

An introduction to algebraic structures. Binary operations, groups, subgroups, groups of permutations, cyclic groups, normal subgroups, quotient groups, homomorphisms and isomorphisms, rings, integral domains, fields. MH 431 may be taught concurrently with MH 631. MH 431 usually is offered only in the winter quarter of odd years.



- 432. Modern Algebra II (5). Pr., MH 431.**  
A continuation of MH 431. Ideals and quotient rings, ring homomorphisms, rings of polynomials, factorization, Euclidean rings, extension fields, selected additional topics. MH 432 may be taught concurrently with MH 632. MH 432 may be offered in the spring quarter of odd years.
- 440. Mathematical Models and Simulation (5). Pr., MH 266 and knowledge of an elementary computer language.**  
Use of models and simulation for solving problems in applied mathematics. Techniques of setting up, solving, and interpreting models as well as an introduction to certain standard models. This course may be taught concurrently with MH 640. MH 440 usually is offered only in the summer quarter of even years.
- 447. Foundations of Plane Geometry (5). Pr., MH 163.**  
Axiomatic development of plane geometry. Emphasis is placed on development of proofs by students. This course may be taught concurrently with MH 647. MH 447 usually is offered each summer quarter.
- 450. Topology (5). Pr., MH 264 and permission of instructor.**  
Metric spaces, continuity, sequences, equivalent metrics; topological spaces, continuity and homeomorphisms, products; connectedness; compactness. This course may be taught concurrently with MH 650.
- 460. Numerical Analysis I (5). Pr., MH 266, significant fluency in some computer programming language, and familiarity with FORTRAN.**  
Number systems and error propagation, solution of nonlinear equations, acceleration of convergence, polynomial and spline interpolation, numerical integration and differentiation, efficient direct solution of systems of linear equations, PLU factorization of matrices, matrix norms and condition numbers. This course may be taught concurrently with MH 660. MH 460 usually is offered only in the winter quarter of even years.
- 461. Numerical Analysis II (5). Pr., MH 460.**  
Iterative solution of large systems of linear equations, numerical solution of eigenvalue problems for linear systems, numerical solution of boundary value problems for ordinary differential equations, numerical solution of systems of ordinary differential equations, least squares approximation. This course may be taught concurrently with MH 661. MH 461 may be offered in the spring quarter of even years.
- 467. Mathematical Statistics I (5). Pr., MH 264.**  
Basic probability theory; combinatorics; random variables; special distributions; applications to scientific and engineering data. May be taught concurrently with EN 411 and MH 667. MH 467 usually is offered only in the fall quarter of even years.
- 468. Mathematical Statistics II (5). Pr., MH 467 or EN 411.**  
Moment generating functions and use of moments; Central Limit Theorem; derivation of probability density function of sample statistics; sampling, estimation, and hypothesis testing; correlation and regression. May be taught concurrently with MH 668. MH 468 usually is offered only in the winter quarter of odd years.
- 469. Mathematical Methods in Engineering and Physics (5). Pr., MH 264 and MH 269.**  
Sturm-Liouville problems with special functions; Fourier series and integrals; partial differential equations, including hyperbolic, parabolic, and elliptic equations, with applications; Fourier and Laplace transform methods. MH 469 may be taught concurrently with MH 669. MH 469 usually is offered only in the spring quarter of odd years.

**491. Special Problems (1-5). Pr., permission of instructor.**

An individual problems course. Each student will work under the direction of a staff member on some problem of mutual interest. With the approval of the department head MH 491 may be taken on a pass-fail basis.

## Physical Sciences (PHS)

*Professors Mahaffy (Distinguished Research Professor), Rawlings,  
Richardson, and Teggin (Head)*

*Associate Professor Thomas*

*Assistant Professor Russell*

*Instructors Findley and Martin*

**099. Orientation for the Medical Sciences (2). Pr., departmental approval.**

An elective course for pre-professional students in the health sciences. An emphasis will be placed on providing information and developing attitudes which will enhance prospects for admission into appropriate professional programs. Graded on a satisfactory/unsatisfactory basis. Credit for this course is in addition to minimum degree requirements.

**100. Introduction to Physical Science (5).**

A basic physical science course for non-technical majors. Emphasis is placed on everyday applications of physics. College level mathematics is not required.

**102. The Physical World (5). Lec. 4, Lab. 2.**

Illustrations of experimental scientific methods through a consideration of individual topics including measurement, atoms and molecules, mirrors and lenses, simple machines, astronomical observations, mineral identification, and weather prediction. Each topic will be explained from basic principles and will include an appropriate experiment. All experiments will be safe and accessible for the majority of students with physical disabilities.

**104. Energy (5).**

A descriptive course dealing with the production and use of energy. Fossil fuels, nuclear power, solar power, and geothermal energy, among others, will be discussed. The availability of supplies, methods of production, costs, environmental impact, and methods of conservation will be emphasized.

**105. Introduction to Astronomy (5).**

This course provides an overview of astronomy at an elementary level. Topics include the history of astronomy, celestial coordinate systems and time keeping, eclipses of the sun and moon, the solar system, telescopes and measurement techniques, stellar properties, stellar evolution, and galaxies.

**110. Introduction to Geology (5).**

A non-technical treatment of rocks, minerals, earthquakes and mountain building, weathering, continental drift, geologic time, and the geology of Alabama.

**120. Introduction to Meteorology (5).**

A basic study of the atmosphere and physical processes which influence weather. Topics include atmospheric composition, behavior of gases, atmospheric energy balance, variations in temperature, humidity, and wind, formation of clouds and precipitation, weather prediction, and severe weather.

- 130. Introduction to Chemistry (5).**  
The nature of atoms, molecules, and chemical reactions will be discussed. Emphasis will be placed on the importance of chemistry in everyday life. May be taken as the first part of a sequence for allied health science students (PHS 130, CH 210).
- 400. Pre-Health Studies (1-5). Pr., sophomore standing and permission of pre-medical advisor and a minimum 2.75 GPA for 50 hours taken at AUM.**  
A formal course for pre-medical students requiring time to be spent in several departments of local hospitals. Superior allied health science students may receive credit for work in one department. Failure to attend hospitals at initially scheduled times will result in an automatic low grade. May not be taken with more than 10 hours of additional course work under any circumstances. This course should only be attempted by serious health science majors. Specific details vary with the nature of the major field.
- 401. Mentor in Medicine (2). Pr., sophomore standing and permission of pre-medical advisor.**  
A formal course for pre-medical students requiring time to be spent with a physician on rounds and other typical daily activities. The purpose of the course is to familiarize the student with the talents required of today's physicians: the work schedule and habits, professional competence, knowledge of subject and techniques for remaining current in their specialty, the interpersonal skills, office management abilities, and time management demands. The course will entail at least six contact hours per week. The course may be repeated with permission of the pre-medical advisor, but only two hours may be applied toward graduation.
- 410. Preparation for Professional Health Examinations (2). Pr., junior standing.**  
A survey of mathematics, biology, chemistry, and physics, including exposure to a considerable number of objective examinations in these areas. Questions involving reading comprehension will be included. Intended as a review of material included on entrance examinations for professional schools in the health sciences. The course is offered in the summer quarter and must be taken for credit. It is inadvisable to attempt more than one additional course during the quarter in which PHS 410 is taken. A minimum of 25 clock-hours of study time per week is required in order for students to benefit from the course.
- 499. Senior Seminar (2). Pr., senior standing required of all majors.**  
Offered in fall and spring quarters. Graded on a pass/fail basis. Activities include employment application procedures, the formal presentation of a technical topic, and completion of an assessment instrument to demonstrate knowledge in the area of the major. One meeting per week.

## Physics (PS)

- 207. Electricity and Magnetism (5). Lec. 4, Lab. 3, Pr., PS 210.**  
A study of electricity and magnetism for students majoring in areas that do not require a year of calculus. Pre-engineering students should not enroll in this course without the permission of their advisor. Credit may not be obtained for both PS 207 and PS 212.
- 210. General Physics I (5). Lec. 4, Lab. 3, Pr., MH 161.**  
A treatment of mechanics and statics intended for technical majors. Differential and integral calculus will be employed frequently during the quarter.

- 211. General Physics II (5). Lec. 4, Lab. 3, Pr., MH 161.**  
A treatment of thermodynamics and wave phenomena intended for technical majors. May be taken before PS 210. Differential and integral calculus will be employed in this course.
- 212. General Physics III (5). Lec. 4, Lab. 3, Pr., PS 210 and MH 163.**  
A study of electricity and magnetism intended for technical majors. Integral and differential calculus will be employed frequently during the quarter.
- 398. Experimental Physics (5). Pr., 15 hours of physics and junior standing.**  
A physics project involving at least eight designated clock hours of laboratory work per week on the AUM campus would be required. A formal proposal must be approved by the project director and the department head prior to registration for the course. Formal written and oral presentations must be made during the last week of the quarter.

## Political Science (PO)

*Distinguished Lecturer Robert B. Ingram, Jr.*  
*Professors Elliott, Grafton (Distinguished Research Professor),*  
*Nathan (Eminent Scholar), Permaloff, and Vocino (Head)*  
*Associate Professors B. Moody and Wilson*  
*Instructor M. Moody*

- 101. Constitutional Foundations of American Democracy—The Citizen and Politics in American Society (5).**  
A study of the constitutional setting of American national and state government, including the major mechanisms by which government makes itself responsive to American citizens and the ways citizens use these mechanisms. Includes an examination of Federalism, political behavior, political parties, and interest groups.
- 102. Institutions of American State and National Government (5).**  
A comparative study of the legislative, executive, and judicial processes; civil liberties; the bureaucracy; and selected policy areas, with special emphasis on policies generating conflict between national and state government.
- 301. Research and Methodology I (5). Pr., MH 267.**  
Introduces the philosophies of science underlying research into human behavior, including the role of logic, the tasks of methodology, the nature of explanation, and other problems associated with the theory-data continuum.
- 302. Research and Methodology II (5). Pr., PO 301 or consent of instructor.**  
Presents a variety of strategies for the gathering of data in the behavioral sciences.
- 320. Introduction to International Relations (5). Pr., sophomore standing.**  
The study of the factors that influence the interactions of nations with illustrative case studies.
- 322. American Foreign Policy (5). Pr., sophomore standing.**  
Examines the forces that influence the formulation and execution of American foreign policy with illustrative case studies.
- 330. Municipal Politics (5). Pr., PO 101 or PO 102.**  
Surveys the processes and functions of city government.

- 340. Introduction to Public Administration (5). Pr., PO 102.**  
Surveys administrative processes, including organizational behavior, leadership, decision making, and policy formulation.
- 351. Legislative Process (5). Pr., PO 102.**  
Surveys the structures and processes of legislative bodies, with particular emphasis upon the U.S. Congress and American State Legislatures.
- 360. Judicial Process (5). Pr., PO 102.**  
Surveys the operation of the legal system in the United States. Covers principles of legal research and writing.
- 370. American Political Thought (5). Pr., PO 101.**  
Reviews the development of political philosophy in the United States and its impact on American political institutions.
- 385. Political Parties (5). Pr., PO 101.**  
An analysis of the political party system, focusing on the three main aspects of political party structure and operation: the party as an electoral cue-giver, the party as an organization, and the party as the organizer and staffer of the government.
- 410. The Politics of Education (5). Pr., PO 101 or PO 102 and junior standing.**  
An examination of the relationships, linkages, and interactions between the political institutions and processes of educational institutions and policies. The course includes an analysis of the impact of national, state, and local governmental decisions on educational policies as well as the nature, role, and extent of the influence of education-related groups on governmental decisions. May be taught concurrently with PO 610.
- 417. Environmental Problems (5). Pr., PO 101 or PO 102 or junior standing.**  
Reviews current practices, theory, and research pertinent to maintaining ecological balance while providing for the immediate needs of individuals and their social institutions; introduces the concepts of environmental management.
- 430. Problems in Metropolitan Politics (5). Pr., PO 101 or PO 102 and junior standing.**  
Focuses upon selected problems of metropolitan areas and their possible resolution through public policy. May be taught concurrently with PO 630.
- 431. Public Administration in State and Metropolitan Government (5). Pr., PO 102 and junior standing.**  
Focuses on the problems of identification, analysis, decision making, implementation, and evaluation of government programs and services as they apply to state and local governments.
- 435. Area Studies (Middle East, Africa, Far East, and Latin America) (5). Pr., junior standing.**  
An in-depth analysis of the political environment, institutions, and processes of government in each specialized area to include military, economic, and social developments in the light of current events and issues. May be taught concurrently with PO 635.
- 445. Comparative Government and Politics (5). Pr., junior standing.**  
An examination of the institutions, political processes, functions, and problems of major contemporary political systems from a comparative perspective. May be taught concurrently with PO 645.

- 450. Southern Politics (5). Pr., PO 101 and junior standing.**  
Examines the nature of the political process in the South, with emphasis on the extent to which the Southern political process is both similar to and distinct from the American political process as a whole. Includes an examination of the historical and contemporary impact of the South on national politics as well as contemporary developments which are producing modifications in the nature of Southern politics. May be taught concurrently with PO 650.
- 454. The American Chief Executive (5). Pr., junior standing.**  
Surveys the development and operation of the American presidency and state gubernatorial offices. May be taught concurrently with PO 654.
- 460. Constitutional Law I (5). Pr., PO 101 or PO 102, and junior standing.**  
Surveys the development of American constitutional law that shapes the contemporary powers of governments in the United States.
- 461. Constitutional Law II (5). Pr., PO 101 or PO 102, and junior standing.**  
Reviews the development of constitutional protections of individual rights and liberties in the United States.
- 470. Topics in Political Theory (5). Pr., PO 101 or PO 102, and junior standing.**  
An examination of selected ideas and writers in the general field of political philosophy. Specific topic emphasis to be determined by the instructor.
- 480. Voting Behavior (5). Pr., PO 101 and junior standing.**  
Analyzes the personal, social, and constitutional basis of the behavior of electorates. May be taught concurrently with PO 680.
- 481. Political Behavior (5). Pr., junior standing.**  
Surveys the personal and social basis of political participation, political choice, and political leadership. May be taught concurrently with PO 681.
- 484. Seminar in Urban Studies (5). Pr., PO 101 and PO 102, and junior standing.**  
Analyzes selected problems confronting urban dwellers today.
- 485. Thesis in Urban Studies (5). Pr., 15 hrs. of urban studies courses and junior standing.**  
Field research on a selected topic relating to urban life.
- 486. Studies in Urbanization (5). Pr., permission of instructor or a declared major in Urban Studies.**  
An interdisciplinary analysis of the processes and problems of urbanization. (Same as HY 486 and SY 486.)
- 490. Special Topics in Political Science (5). Pr., PO 101 or PO 102.**  
In-depth examination of specific topics of current interest in political science in related fields. Only 10 hours credit from any combination of PO 490 and PO 491 may be applied toward the 60 hours PO major requirement.
- 491. Independent Study (1-5). Pr., 15 hrs. of government courses and permission of instructor.**  
Only 10 hours credit from any combination of PO 490 and PO 491 may be applied toward the 60 hours PO major requirement.
- 495. Internship in Public Affairs (5-10).**  
Practical experience in operational government agencies or related political activities; arranged and approved by the Head of the Department of Political Science and Public Administration.

## Psychology (PG)

*Professors Hess (Head and Distinguished Research Professor), Katz, and Sadowski (Distinguished Research Professor)*

*Associate Professors LoBello and Slattery*

*Assistant Professors Long, Mehta, Ray, Tidwell, and Zachar*

*Instructor Witherspoon*

- 211. General Introductory Psychology (5).**  
A survey of the scientific study of behavior and mental processes, and how they are influenced. Usually offered every quarter.
- 212. Personal and Social Adjustment (5).**  
A study of factors important in adjusting to today's world. Emphasis on the acquisition and development of adaptive behaviors, with a brief presentation of broad areas of maladaptive behavior. Usually offered every quarter.
- 219. Scientific Methods: Fundamentals (5). Core course. Lecture and Lab. Pr., PG 211.**  
Foundations of scientific inquiry, including an introduction to general experimental principles and exercises designed to build conceptual reasoning, critical thinking, and APA report writing skills. Usually offered every quarter.
- 312. Behavior Analysis (5). Lecture and Lab. Core course. Pr., PG 211.**  
A study of basic principles of learning, including an in-depth analysis of operant and respondent behavior, reinforcement schedules, escape and avoidance behavior, and secondary reinforcement. Students are required to participate in scheduled laboratory sessions where they apply learning principles to an experimental animal. Usually offered fall, winter, and spring quarters.
- 314. Industrial Psychology (5). Pr., PG 211.**  
A survey of the application of psychological technology to business, industry, and organizations. Usually offered fall quarter.
- 317. Developmental Psychology (5). Pr., PG 211.**  
A study of behavioral, emotional, and social changes across the lifespan, from conception through infancy, childhood, juvenile, adolescent, adult, and elderly stages. Usually offered every quarter.
- 318. Personality (5). Pr., PG 211.**  
A content-oriented survey of the objective, phenomenological, and psychoanalytic approaches to the study of personality. Usually offered fall quarter.
- 319. Scientific Methods: Research Analysis (5). Lecture and Lab. Pr., PG 211, PG 219, and MH 267.**  
A lecture and laboratory course designed to train students to utilize the tools of statistical analysis in research design and interpretation. Usually offered fall and spring quarters.
- 323. Psychopathology (5). Pr., PG 211.**  
A survey of abnormal behavior, its classification, diagnosis, causes and treatment. Usually offered spring quarter.
- 324. Correctional Psychology (5). Pr., PG 211.**  
Analysis of individual and organizational behavior in criminal justice settings. Usually offered spring quarter.



- 325. Social Psychology (5). Pr., PG 211.**  
A content survey of such topics as attitude formation and change, communication, social interaction, leadership, group structure and process, and socialization. Usually offered winter quarter.
- 326. Cognitive Psychology (5). Pr., PG 211.**  
A survey of mental processes including topics such as perception and attention, mental imagery, memory and learning, problem solving, language, and information processing. Usually offered fall quarter.
- 328. Psychology of Women (5). Pr., PG 211.**  
An exploration of the psychological issues related to the biological, emotional, cognitive, and social functioning of women. Usually offered winter quarter.
- 350. Learning (5). Core course. Pr., PG 211 and 10 hours of psychology.**  
A survey of various approaches to the study of problem-solving and the conditions governing the acquisition and retention of verbal and nonverbal behavior. Usually offered fall and spring quarters.
- 412. Behavior Modification (5). Pr., PG 211 and PG 312.**  
Learning reviewed with emphasis on the modification of human behavior. Group and single subject research, data gathering instruments, and designs are compared, constructed and used in a supervised practicum. Usually offered fall and spring quarters.
- 414. Personnel Selection and Utilization (5). Pr., PG 211, PG 314, and PG 318.**  
Application of behavior principles to recruiting, selecting, evaluating, and training of factory, office, labor and professional personnel. Usually offered spring quarter.
- 415. Principles of Psychological Assessment (5). Pr., PG 211, PG 317, PG 318, and MH 267.**  
Theory of psychological measurement and techniques of item and test construction. Usually offered fall and spring quarters.
- 418. Theories of Personality (5). Pr., PG 211 and PG 318.**  
An examination of the theories and methods used to study personality. Usually offered winter quarter.
- 419. Scientific Methods: Advanced Research Methods (5). Lecture and Lab. Pr., PG 211, PG 219, and MH 267.**  
A lecture and laboratory course devoted to research issues, including experiment design, interpretation of data, and communication of experimental results. Usually offered winter and spring quarters.
- 420. History and Systems in Psychology (5). Core course. Pr., PG 211 and 15 hours of psychology.**  
An examination of the historical sources of modern psychology and the various theoretical and methodological orientations which developed within the field. Usually offered fall and spring quarters.
- 421. Physiological Psychology (5). Pr., PG 211.**  
An examination of the neurological and physiological mechanisms underlying behavior, including study of the complex interplay between nervous system function and behavior. Usually offered winter or spring quarter.
- 434. Advanced Industrial-Organizational Psychology (5). Pr., PG 211 and PG 314.**  
The purpose of this course is to provide an in-depth focus on issues in industrial-organizational psychology. Basic theoretical positions and empirical findings will be emphasized.



- 481. Seminar in Psychology (5). Core option. Pr., PG 211 and 10 hours in psychology.**  
Topics for the seminar vary, based on student and faculty interest. Usually offered every quarter.
- 490. Independent Study in Psychology (2-10). Core option. Pr., PG 211 and permission of instructor.**  
An individual problems course. Each student will work under the direction of a faculty member on some experimental or theoretical problem of mutual interest. Usually offered every quarter.
- 495. Internship/Practicum in Psychology (2-10). Core option. Pr., PG 211 and permission of instructor.**  
Each student will work under supervision of a faculty member in a departmentally approved setting to learn skills by providing psychological services. Usually offered every quarter.



# University Honors Program

The University Honors Program offers challenging, stimulating courses for the academically exceptional student. These courses supplement the University’s already outstanding academic offerings and enhance the educational experience inside and outside the classroom. The distinction of being a University Honors Student is recorded on the student’s transcript for each quarter of Honors course work completed.

## Eligibility

To join the Honors Program, the student must be

- an undergraduate, full-time or part-time, with a cumulative GPA of 3.5 or greater;
- or nominated by a faculty member and approved by the Honors Committee;
- or an incoming freshman with an ACT of 27 or greater.

Eligible students are invited to participate in the Honors Program during the fall, winter, and spring quarters of each academic year when the Honors Colloquium and Honors Study Courses are offered. Honors students may enroll in the Directed Readings/Research and the Senior Thesis or take existing courses in their majors for additional Honors credit during any quarter. Eligible students who register for any of the Honors offerings are considered University Honors students for that quarter.

University Honors students have a variety of courses available to them. The Honors Colloquium (199S) meets frequently during fall, winter, and spring quarters and is designed broadly as an introduction to the world of scholarship and culture. Honors Study Courses (389S) are offered in the areas of humanities; science; or American culture, business, or economics and meet at regularly designated times. The Directed Readings/Research (399S) courses are available by arrangement with interested faculty in the student’s major or minor field of study. Those Honors students interested in developing an original expository work can complete the Senior Thesis (499S). Honors students also can arrange to receive one hour of Honors credit (398S) while taking existing courses in their majors by arranging with the instructors and the director of the Honors Program for acceptable supplemental work.

## Participation in the Honors Program

An eligible student may participate in the Honors Program on two levels. A notation of participation at either level will be added to the student’s transcript for each quarter of participation. In addition, a student who successfully completes the requirement for Level One will graduate with the designation “University Honors Student” on a special certificate. A student who participates at Level One may choose to write a thesis or may substitute additional courses carrying supplemental Honors credit for the thesis option. A student who participates at Level Two simply adds occasional Honors offerings to his or her curriculum. Participation at the first level is therefore more structured and rigorous.

The specific requirements for each level of participation are as follows:

### Level One

- 3 Honors Colloquia (199S) ..... 3 hours
- 3 Honors Study Courses (389S) ..... 15 hours
- 1 hour of supplemental Honors credit for each  
of five existing courses in the student’s major (398S) ..... 5 hours
- 2 additional existing courses within the student’s  
major along with 1 hour of supplemental Honors  
credit for each course OR a 10-hour Senior  
Thesis (499S) ..... 10-12 hours

A maximum of four 3-hour Directed Readings/Research (399S) courses may be substituted for the existing courses in the major with the supplemental Honors credit.

## Level Two

This level is designed for those students who qualify for admission to the Honors Program but choose to forego being designated as University Honors students upon graduation. Students opting for this level will have their participation noted only on their transcripts for each quarter of participation. These students may take any of the kinds of courses listed for Level One except Senior Thesis (499S). Students participating at this level may enroll for as many or as few hours in the Honors Program as they wish.

To enroll in 399S and 499S or receive supplemental Honors credit for existing courses in the major, students must obtain the approval of the Director of the Honors Program, the course instructor, and the appropriate department head.

Credit hours for Honors courses are counted as part of the total tuition cost. Part-time students pay for Honors courses at the current AUM tuition rate.

# Reserve Officers Training Course

## Army Department of Military Science

The purpose of the Army ROTC curriculum is to develop well educated junior officers for the Active Army as well as the Army National Guard and Army Reserve. The curriculum is divided into two course levels: a General Military Course (Basic Course) open to all freshmen and sophomores and an Officer Development Course (Advanced Course) for contracted juniors, seniors, and graduate students. Successful completion of both courses and award of a bachelor's degree constitute the normal progression to earning a commission as a Second Lieutenant. Courses are available to both male and female students through a cross-enrollment agreement with Auburn University at Montgomery.

A student undecided about pursuing a commission may keep this option open by participation in the General Military Course together with his or her chosen curriculum. The course provides freshmen and sophomores the opportunity to make an educated decision on the advantages of earning an officer's commission while incurring no military obligation. Successful completion of the General Military course or commensurate training is a prerequisite for enrollment in the Officer Development Course.

The Army ROTC curriculum prepares students to become effective leaders and managers in a variety of challenging commissioned officer specialties, thus facilitating early middle management career development and progression. The student will not always be restricted to the classroom. Students could find themselves rafting down a river, determining their location on a land navigation course, firing an M16A2 rifle on a military range, or dancing the night away at a military ball. The student will not only execute, but will also perform the staff work in planning these various functions.

## General Military Course (Basic Program)

The Basic Program consists of a six-quarter block of instruction normally taken during the freshman and sophomore years. These General Military Courses consist of a wide variety of military science topics at the 100 and 200 level.

These courses provide a foundation in basic military subjects as well as unique hands-on training. Selected courses are offered during fall, winter, and spring quarters with one or two credit hours gained for each course. Elective credits earned apply toward degree requirements in all schools of the college. Freshman level courses are

one hour a week (plus one hour of Leadership Lab), while sophomore level courses are two hours each week (plus one hour of Leadership Lab). Students enrolled in any of the Basic courses do not incur any military obligation unless he or she is an ROTC scholarship student.

## **Optional Basic Camp**

Those academically qualified students who are unable to fulfill the requirements of the Basic Program during their freshman and sophomore years may qualify for admission to the Officer Development Course by successfully completing AROTC Basic Camp preparatory training. This option is primarily designed to meet the needs of transfer students, those completing the sophomore year, and others including graduate students who have six quarters remaining at the university. This option provides a two-year program in lieu of the standard four-year curriculum.

The Basic Camp option consists of a six-week training period conducted at an active Army post during the summer months. Students desiring to exercise this option are required to submit a formal application and pass a general physical.

Students electing the Basic Camp training program will receive approximately \$720 in addition to travel expenses to and from the camp. Uniforms, housing, medical care, and meals are furnished by the government at no charge to the student during the camp.

Deadlines for applications to basic camp is April 20. Interested students should contact the Military Science Department at (334) 244-3528.

## **Officer Development Course (Advanced Program)**

The Advanced Program, which is composed of the MS 300- and 400-series courses, is designed to fully develop a cadet's leadership and management potential as well as those personal characteristics desired of an Army Officer. The program's objective is to produce the highest caliber junior officer, fully capable of discharging a wide spectrum of command and management responsibilities in the modern Army.

The Officer Development Course consists of a six-quarter block of instruction normally taken during the junior and senior years. Successful completion of six courses, together with leadership laboratory, fulfills military science academic requirements for award of an officer's commission. Five credit hours per quarter are earned in each of the courses. Students receive a subsistence allowance of \$150 a month (tax free), not to exceed \$1,500 per academic year, while enrolled.

Service veterans, three- or four-year junior ROTC students, Basic Camp graduates, military junior college transfer students, and former military academy cadets may qualify for direct entry into the Officer Development Course. Department evaluation of previous military training determines appropriate placement in the overall curriculum.

Advanced course students are eligible to participate in the Simultaneous Membership Program with the Army National Guard or Army Reserve. Students participating in this program affiliate with a National Guard or Army Reserve unit as student officers, thus affording them the opportunity for enhanced leadership development. When participating in the Simultaneous Membership Program, students receive the drill pay of a sergeant in addition to their ROTC stipend of \$150 per month.

Students enrolled in the Officer Development Course are required to successfully complete a six-week Advanced Camp at Fort Lewis, Washington, during the summer to become eligible for commissioning. Attendance at Advanced Camp normally occurs in the summer between the junior and senior years. The purpose of Advanced Camp training is to provide each cadet hands-on experiences in leadership development positions, extensive training in military tactics, and related subjects vital to success as a junior officer. Students attending Advanced Camp receive approximately \$720 in addition to travel expenses to and from Fort Lewis, Washington. Uniforms, housing, medical care, and meals are furnished by the government at no charge to the student during the camp.

Additional voluntary training at a variety of active Army service schools is available to selected students during the summer. Students may select attendance at Airborne School, Air Assault School, the Northern Warfare Training Center, and Cadet Troop Leadership Training. Students who successfully complete the appropriate course are authorized to wear the coveted Parachutist Badge or Air Assault Badge.

Students who successfully complete the Army ROTC curriculum and who gain a bachelor's degree may be commissioned a Second Lieutenant. Subsequent military service may be on active duty or with the Army National Guard or Army Reserve. Active duty is for a period of three to four years with the opportunity for successful officers to apply for extended service.

## Scholarships

Each year the Army offers a variety of scholarship programs to those young men and women who have demonstrated outstanding academic scholarship and leadership potential. Three-year and two-year scholarships are available on either a national competitive basis or directly through the Professor of Military Science. Scholarships provide tuition to both resident and out of state students, textbooks, materials, and laboratory fees in addition to a \$150 a month tax free allowance. Students interested in competing for ROTC scholarships should contact the Military Science Department at (334) 244-3528.

## ROTC Credit

The amount of ROTC credit awarded in the different schools and curricula varies considerably, with a maximum of 30 hours being accepted within a 200-hour degree program in any curriculum. Acceptance of ROTC credit within a student's program is at the discretion of the individual academic department. Such credit may be applied as undesignated elective credit or towards a minor. ROTC students should check with their academic advisors to determine the amount of credit that may be accepted in their programs of study.

## Professional Military Education (PME) Requirements

Students participating in the Advanced Development Course must satisfy a Professional Military Education requirement prior to receiving a commission as a Second Lieutenant. Professional Military Education is a continuous process that begins at the precommissioning stage and continues until retirement.

There are a total of five PME course requirements that must be added to the ROTC curriculum to educationally qualify a cadet for commissioning. The five required courses are Written Communications, Human Behavior, Military History, Math Reasoning, and Computer Literacy. The ROTC department has a listing of courses that fill each requirement available upon student request.

## Basic Course

### Military Science I

#### 101. Conducting Drill and Ceremonies (1).

This course will give the student the ability to properly conduct drill and ceremonies. Topics include drill with arms; drill without arms; squad, platoon, and company drill.

#### 102. The U.S. Army Today and Tomorrow (1).

This course features an introduction to life in the U.S. Army. Topics include customs and traditions; leadership; role of the U.S. Army, the U.S. Army Reserve, and the National Guard; organization and Branches of the Army; the Army Writing Style.

**103. Common Military Skills (1).**

This course provides the student with a basic knowledge of common individual military tasks required for survivability in a combat environment. The student must become proficient in these tasks before he or she can participate in the collective training required in advanced military science courses. Subjects taught in this course include basic first aid, field sanitation, camouflage and concealment, construction of individual fighting positions, NBC defense and decontamination, radio communications, hand and arm signals, rifle marksmanship training, and infantry movement techniques.

**104. Leadership Lab (1).**

Leadership Lab is required for all enrolled students. It complements the classroom instruction and gives the student practical experience in leadership. Training in leadership lab includes: drill and ceremony, physical training, mountaineering and rappelling, water survival training, rifle marksmanship, tactical field training, night operations, overnight bivouac, land navigation and aviation training. All students should be in good physical condition, able to participate without limitations.

## Military Science II

**201. Basic Map Reading and Small Unit Tactics (2).**

This course provides the student with a basic knowledge of map reading and squad level tactics. Topics include compass use, maps and marginal information, resection, and intersection. Students will also receive instructions on the five paragraph operations order, squad tactics, and movement techniques. The course is required if taking Basic Courses for commissioning credit.

**202. Leadership and Management (2).**

This course provides the student with a basic knowledge of the leadership principles and characteristics as well as the professional and ethical values of a military leader. The student will gain a better understanding of the duties and responsibilities of an Army officer, the Army writing style, and perform some practical exercises in performance counseling. Instruction on the principles of war and the Military Code of Conduct are also included in this course.

**203. Advanced Preventive Medicine and First Aid (2).**

This course provides the student with an extended knowledge of first aid tasks and procedures. Topics include evaluating a casualty; clearing an object from a throat; performing mouth to mouth resuscitation; putting on a pressure dressing; applying a dressing to an open chest/head/abdominal wound; giving first aid for burns, shock, or suspected fracture; protecting yourself from heat, cold, biting insects, and/or diarrhea; and other important topics. This course does not lead to Red Cross certification.

**204. Leadership Lab (1).**

Leadership Lab is required for all enrolled students. It complements the classroom instruction and gives the student practical experience in leadership. Training in leadership lab includes: drill and ceremony, physical training, mountaineering and rappelling, water survival training, rifle marksmanship, tactical field training, night operations, overnight bivouac, land navigation and aviation training. All students should be in good physical condition, able to participate without limitations.

## Advanced Course

### Military Science III

- 301. Advanced Map Theory and Land Navigation (4).**  
This course provides advanced map reading, to include marginal information, military map system, types and uses of military maps, overlays, military symbology, use of the lensatic compass, determination of distance, relief, scale, elevation, and techniques of orientation in the field. A day and night land navigation practical exercise is conducted at Fort Benning, Georgia.
- 302. Individual Weapons, NBC, and Communications (4).**  
This course provides the cadet with classroom as well as hands-on instruction in the care, maintenance, and use of individual weapons such as the M16A1 rifle, the M60 machine gun, the M18A1 antipersonnel mine, the M21 anti-tank mine, and hand grenades. Also included is instructions in first aid and protection in an environment contaminated by nuclear, chemical, and/or biological agents. Additional instruction will be given on the maintenance and use of radio and wire communications.
- 303. Individual and Small Unit Tactics (4).**  
This course focuses on final preparation for the cadet's attendance and successful completion of Advanced Camp. Specific instruction deals with the tactical training of the cadet in movement techniques, camouflage, and patrolling.
- 304. Leadership Laboratory (1).**  
Leadership Lab is required for all enrolled students. It complements the classroom instruction and gives the student practical experience in leadership. Training in leadership lab includes: drill and ceremony, physical training, mountaineering and rappelling, water survival training, rifle marksmanship, tactical field training, night operations, overnight bivouac, land navigation and aviation training. All students should be in good physical condition, able to participate without limitations.

### Military Science IV

- 401. Military Justice and Ethics (4).**  
This course closely examines the development, need, and use of the Uniform Code of Military Justice. Specific topics include jurisdiction, pretrial restraint and rights of accused persons, search and seizure, nonpunitive disciplinary measures, nonjudicial punishment, and the court-martial system. This course will also look at ethics and morality in the military and closely examine the ethical decisionmaking process of the Army professional.
- 402. Advanced Leadership and Management I (4).**  
This course examines the army leader as a professional and develops those skills required of the professional. Instruction includes the duties and responsibilities of the lieutenant, relationships with superiors and subordinates, and the various aspects of leadership. The student will develop his or her counseling skills and ability to assess unit cohesion through practical exercises and the use of case studies. The course will also examine the Army Training System, to include the planning, preparation, conduct, and evaluation of training.



**403. Advanced Leadership and Management II (4).**

This course provides the final polishing of the cadet before commissioning. The course examines the various challenges the new lieutenant will encounter. Specific topics include command and staff actions, personnel management systems, evaluations, logistics, and installation support.

**404. Leadership Lab (1).**

Leadership Lab is required for all enrolled students. It complements the classroom instruction and gives the student practical experience in leadership. Training in leadership lab includes: drill and ceremony, physical training, mountaineering and rappelling, water survival training, rifle marksmanship, tactical field training, night operations, overnight bivouac, land navigation and aviation training. All students should be in good physical condition, able to participate without limitations.

More information about the Army ROTC curriculum and special programs may be obtained by calling (334) 244-3528, or visiting the AUM ROTC Web Page at <http://www.aum.edu/home/academics/rotc/>.

## Air Force

### Division of Aerospace Studies—Alabama State University

Air Force ROTC course offerings and military training leading to a commission as an Air Force Second Lieutenant are available to all Auburn University at Montgomery students through a cross-enrollment agreement with AFROTC Detachment 019 at Alabama State University.

Alabama State University was approved by the Department of the Air Force in April 1971 to offer the Air Force Reserve Officers Training Corps (AFROTC) program. The nationwide AFROTC program is the major source of Air Force officer procurement. The purpose of AFROTC Detachment 019 at Alabama State University is to offer educational experiences which will develop an appreciation for democracy, prepare students for responsible citizenship, and train students for management and leadership in the Air Force. To accomplish this purpose, the Division of Aerospace Studies offers a one-year, a two-year, and a four-year program leading to a commission in the United States Air Force. This program is available to students at Auburn University at Montgomery and at Troy State University in Montgomery through cross-town enrollment agreements. It is available to students at Huntingdon College through a consortium.

### The Four-Year Program

Men and women students desiring to participate in the four-year program should visit the detachment at Alabama State University to fill out the necessary enrollment paperwork. There is no military obligation connected with enrolling in the freshman and sophomore years of the four-year program. The freshman and sophomore years are referred to as the General Military Course (GMC).

Upon completion of the first two years, or GMC portion, of the four-year program, a student may be selected for enrollment in the Professional Officer Course (POC). All, or a portion, of the General Military Course may be waived by the Professor of Aerospace Studies if the student has a Junior ROTC certificate, has participated in the Civil Air Patrol, or has had military school training or prior active service in any branch of the U.S. Armed Forces. Selection into the Professional Officer Course is based upon passing the Air Force Officer Qualifying Test, a minimum GPA of 2.0 on a 4.0 point scale, passing an Air Force medical examination, and completing a four-week summer field training session, usually between the sophomore and junior years. All summer field training costs are paid by the Air Force, and in addition, the student will receive a salary for his or her four-week training period. (Field Training is explained more fully in a later paragraph.) Other basic requirements for the four-year program are United States citizenship and possession of a sound moral character.

If a cadet desires to be a pilot or navigator designee, he must be able to complete commissioning requirements prior to age 26½. Scholarship recipients must fulfill commissioning requirements before reaching age 27 on June 30 in the estimated year of commissioning. All other cadets must complete commissioning requirements prior to age 30.

Cadets who are admitted to the Professional Officer Course receive \$150 a month nontaxable allowance, up to a maximum of \$1,500 per school year. Cadets enrolled in the POC may also travel free on military aircraft on a space available basis. All AFROTC uniforms and course materials are provided by the Air Force at no cost to students.

A cadet who enrolls in the Professional Officer Course agrees to accept a commission as a reserve Second Lieutenant and serve for a period of four years on active duty. If a cadet is accepted for pilot training he or she agrees to serve on active duty for a period of eight years after completing pilot training. A cadet accepted for navigator training must agree to serve on active duty for a period of six years after completing navigator training.

## **The Two-Year Program**

The major requirement for entry into the two-year program is that a student must have two academic years remaining, either at the graduate or undergraduate level, or a combination of the two levels. Other requirements are passing the Air Force Officer Qualifying Test, passing the Air Force medical examination, a minimum GPA of 2.0 on a 4.0 scale, and successfully completing a six-week field training course.

Students desiring to enter the two-year program must apply late in the calendar year, October–November, preceding the fall quarter in which they intend to enter the program. This is necessary because the selection process takes place early in the calendar year, January–March, of intended enrollment. Application by interested students should be made by contacting the Unit Admissions Officer.

No military obligation is incurred for attending summer field training or completing the Air Force medical examination and the Air Force Officer Qualifying Test. Students accepted for the two-year program must also be citizens of the United States who will not meet the thirtieth birthday later than the date of graduation and commissioning. After completing the six-week summer field training course, applicants meeting all the requirements may then be enrolled in the Professional Officer Course. All other benefits, requirements, and obligations are the same as under the four-year program.

## **The One-Year Program**

The one-year program is designed to attract students majoring in fields in which the Air Force has a manpower shortage. In this program, students will complete Air Force ROTC in 12–15 months. Students in the one-year program will attend a six-week summer field training session prior to starting their senior year of college. During their senior year, they will take the AS 300 course. Upon successful completion of AS 300 and graduation, one-year students will attend a four-week field training session where they will receive the AS 400 course. Students will receive their commission upon successful completion.

Minimum requirements for the one-year program include passing the Air Force Officer Qualifying Test, passing the Air Force medical examination, a minimum GPA of 2.0 on a 4.0 scale, and having one academic year of study remaining. Acceptable majors for this program are limited. Some fields of study may have additional requirements.

Students desiring to enter the one-year program should contact the local Air Force ROTC detachment to determine which majors are acceptable for this program and what additional requirements or restrictions may apply. Students with an acceptable major should apply to the detachment in the fall of their junior year (October to December). This will allow sufficient time to complete the selection process. Once accepted in the one-year program, all the benefits, requirements, and obligations are the same as those of the Professional Officer Course cadet, as mentioned under the four-year program.

## **The AFROTC Scholarship Program**

Scholarships are available to qualified cadets in the four-year, two-year, and one-year programs. Scholarships in all programs cover full tuition, laboratory and incidental fees, and a flat rate for books. Scholarship cadets also receive a \$150 nontaxable allowance each month. Initial selection for scholarships to be awarded during the sophomore, junior, or senior years is made on the campus by a board of Air Force ROTC officers. Final selection is made by a selection board at Air Force ROTC Headquarters.

An applicant's academic major and potential active duty career field are considered with respect to the needs of the Air Force.

Scholarships are awarded on a competitive basis. There is no limit to the number that can be awarded to cadets at a given college or university hosting Air Force ROTC's four-year program.

AFROTC Curriculum

The basic goal of the AFROTC curriculum is to provide the military knowledge and skills which cadets will need when they become Air Force officers. AFROTC courses are:

General Military Course

**AS 100** (2 hours credit per semester). This course deals with the Air Force in the contemporary world through a study of the total force structure, strategic offensive and defensive forces, general purpose forces, and aerospace support forces.

**AS 200** (2 hours credit per semester). This course is a study of air power from balloons and dirigibles through the jet age; a historical review of air power employment in military and non-military operations in support of national objectives; a look at the evolution of air power concepts and doctrine.

Professional Officer Course

**AS 300** (4 hours credit per semester). This course is a study of Air Force leadership and management. The individual motivational and behavioral processes, leadership, communication, and group dynamics are covered to provide a foundation for the development of the junior officer's professional skills as an Air Force officer (officership). The basic managerial processes involving decision making, utilization of analytic aids in planning, organizing, and controlling in a changing environment are emphasized as necessary professional concepts. Organizational and personal values, management of forces in change, organizational power, politics, and managerial strategy and tactics are discussed within the context of the military organization. Actual Air Force cases are used to enhance the learning and communication processes. Students are also introduced to Total Quality Management principles.

**AS 400** (4 hours credit per semester). The course is a study of U.S. National Security Policy which examines the formulation, organization, and implementation of national security; context of national security; evolution of strategy; management of conflict; and civil-military interaction. It also includes blocks of instruction on the military profession/officership and the military justice system. The course is designed to provide future Air Force officers with a background on U.S. National Security Policy so they can effectively function in today's Air Force.

Aerospace Studies Courses

General Military Course consists of the following courses:

	Semester Hours
AS 101 The Air Force Today .....	2
AS 102 The Air Force Today .....	2
AS 201 History and Development of U.S. Military Aviation .....	2
AS 202 History and Development of U.S. Military Aviation .....	2
<b>Total</b>	<b>8</b>

Professional Officer Course consists of the following courses:

	Semester Hours
AS 301 Leadership and Management .....	4
AS 302 Air Force Management and the Junior Officer .....	4
AS 401 American National Security Forces in Contemporary American Society .....	4
AS 402 Military Law, Officership, and Leadership .....	4
<b>Total</b>	<b>16</b>

## **Leadership Laboratory**

Leadership Laboratory is open to students who are members of the Reserve Officer Training Corps or are eligible to pursue a commission as determined by the Professor of Aerospace Studies. Attendance is two hours each week during the fall and spring semesters. Instruction is conducted within the framework of an organized cadet corps with a progression of experiences designed to develop each student's leadership potential. Leadership Laboratory involves a study of Air Force customs and courtesies, drill and ceremonies, career opportunities in the Air Force, and the life and work of an Air Force officer. Students develop their leadership potential in a practical, supervised laboratory which typically includes field trips to Air Force installations throughout the U.S.

## **Field Training**

AFROTC Field Training is offered during the summer months at selected Air Force bases throughout the United States. Students in the four-year program participate in four weeks of Field Training, usually between their sophomore and junior years. Students applying for entry into the two-year or one-year program must successfully complete six weeks of Field Training prior to enrollment in the Professional Officer Course.

The major areas of study in the four-week Field Training program include junior officer training, aircraft and aircrew orientation, career orientation, survival training, base functions and Air Force environment, and physical training.

The major areas of study included in the six-week Field Training program are essentially the same as those conducted at four-week Field Training and in the General Military Course, including Leadership Laboratory.

## **Advanced Training Program**

Cadets who have successfully completed Field Training will have an opportunity to participate in the Advanced Training Program. This program allows cadets to experience an Air Force career specialty in a "hands-on" fashion. Training assignments range from shadowing an Air Force officer in a specific career field to Army Airborne or Parachute training to assisting with the conduct of Field Training encampments. Cadets who are pilot candidates may also participate in specialized survival training or exchange programs with the Royal Air Force in Great Britain. Cadets can participate in training for two to three and one-half weeks, depending on the training assignment received. Cadets are paid while participating in this training program.

## **Flight Screening Program**

Qualified cadets interested in becoming Air Force pilots will participate in the Flight Screening Program prior to undergraduate pilot training. This screening program includes classroom instruction as well as "hands-on" flight training.

For more information contact the detachment staff at (334) 229-4300 or visit the detachment on the Alabama State University campus.

## Division of Continuing Education

The Division of Continuing Education supports AUM's education and service missions and offers lifelong education, training, and study opportunities to individuals and organizations in the community, state, and region. It coordinates, facilitates, and provides leadership for educational programs for nontraditional students and adults by extending the resources of the University to persons not regularly enrolled as students on the campus. Programs take the form of noncredit courses, seminars, teleconferences, certificate programs, business contracts, conferences, and special functions. Offerings include a broad range of subjects and programs in professional and personal development, management, computer applications, communication, leisure activities, and personal enrichment.

Continuing education programs are not limited to the traditional curriculum, but are flexible and responsive to contemporary thought and development. The courses, seminars, and workshops are designed to help people learn to do their jobs better, to lead more useful lives, to challenge the active mind, and to employ their leisure time more wisely. Classes are taught by a distinguished faculty assembled from the academic, professional, and artistic communities.

### Personal Development

Through Personal Development, a variety of noncredit short courses are offered each quarter. These courses are designed for individuals who want to enhance their leisure time through creative activities and personal enrichment and develop job skills.

Personal Development also specializes in programs for youth and senior citizens. Youth College and Camp AUM are for children in elementary, junior high, and high school. They are designed to enhance the education a student receives through a regular school program and at the same time provide interesting and worthwhile activities for the summer. The senior college guest program allows persons 60 and over to attend credit course classes on a space available basis at no cost. With the exception of cost, general auditing requirements apply.

The day care certificate program, the teacher assistant certificate program, and the interior design certificate program are offered through Personal Development for persons who are currently employed or who aspire to positions in the particular fields.

### Professional Development

Professional Development provides quality, contemporary professional management, leadership, communication, and technical development programs to meet the education and training needs of business, military, and government within the community, state, and region. Practical programs are offered on a public enrollment and contract basis and on convenient schedules to individuals and organizations committed to developing their professional skills and knowledge.

Tailored contracts provide effective options to companies by offering specially developed and designed programs to meet specific corporate needs at accommodating times and locations. Professional development seminars in management, leadership, finances, and communication afford the opportunity for veteran and aspiring business leaders and professionals to progress in their career fields.

The Legal Assistant Education Program is designed to meet the needs of those individuals interested in a career in the paralegal field or those currently in the field who wish to upgrade their skills and credentials. Review courses are also available for those people preparing to sit for national exams in selected career fields.

Computer training using the latest hardware and software is offered in word processing, spreadsheet, data base management, autoCAD, desktop publishing, and other advanced applications.

Participation in these professional development activities qualifies the participant for continuing education units (CEU's) required by many professions for continued licensure or professional development education and training.

## **Conferences and Meetings**

The Division of Continuing Education offers a full range of conference planning services, including program development and publicity, catering arrangements, registration, and special events coordination. Meeting facilities on campus can accommodate small groups as well as groups of several hundred. Continuing Education's professional conference planners work with campus groups, community organizations, and area businesses to bring many workshops, seminars, meetings, and conferences to the AUM campus each year.

## **Teleconferences**

Video teleconferences are an innovative way to bring programs conducted by qualified and nationally known personnel to audiences throughout the United States, at minimal cost to the participants. AUM has access to quality teleconferences on a myriad of subjects. Programs are viewed on a large screen and monitors. Telephone linkages are arranged for questions with the teleconference speakers. Teleconferences are often tied in with a workshop, with a local facilitator who conducts both the workshop and the teleconference. The division's satellite teleconferencing capabilities can accommodate audio and video teleconferences for as many as 300 people.

Additionally, the AUM and AU campuses are directly linked via a microwave link. This system enables participants in Montgomery to attend classes or programs broadcast directly from one of Auburn's studio classrooms. Communication is two-way audio and visual. The microwave link also makes it possible to broadcast courses and programs to Auburn. In addition, this link gives AUM access to uplink capabilities and provides AUM with the ability to receive broadcasts via satellite from around the nation and the world.

## **Weekend College**

Weekend College provides the option to take classes when there are fewer demands on your schedule. In addition to evening classes, weekend college offers opportunities to work toward a degree and to take the college course you always wanted to take. Courses are scheduled on Friday evenings, Saturdays, or Sundays.

### **Admission Requirements for Weekend College Courses**

You must be admitted to AUM to enroll in Weekend College courses. For application forms and information, call the Admissions Office at 244-3611 (1-800-227-2649 in Alabama). TDD users may call 244-3801.

## **Admission Requirements for Noncredit Courses**

For the majority of courses, the requirements are a desire to learn, the completion of registration, and payment of tuition. In all cases, preregistration is required prior to the first class.

## **Tuition**

Noncredit course fees are based upon the length and content of the course. Course announcements include the tuition charge. Weekend College course tuition is the standard AUM tuition.



## Career Development Center

The purpose of the Career Development Center is to promote and stimulate the career development processes of AUM students and interested alumni. It is a clearinghouse of information for those interested in career planning, placement, and cooperative education.

### Career Planning and Placement

This activity is designed to meet the needs of all students concerned with career planning and placement. The career library provides current information on salaries and employment trends on the national, state, and local levels. It contains pertinent information on careers in general, as well as literature on numerous companies throughout the country. Career counseling and interest inventory testing are available to all students to aid in making decisions regarding a career or college major. Upon request, job search seminars are given throughout the year to assist in writing resumes and cover letters, to develop job interviewing skills, and to improve job search techniques. These seminars are recommended for all AUM students so that they can prepare to meet the recruiters from numerous companies who come to campus to interview seniors for full-time employment upon graduation. In addition, videotapes covering preparation for the job search, resume writing, interviewing, and negotiating the job offer are available for viewing. Students nearing graduation may register with the office by establishing a placement file. These files will be mailed to prospective employers at the request of the student.

### Cooperative Education

Cooperative Education is designed primarily for the undergraduate student. Co-op is a blending of classroom learning with actual work experience in a field closely related to the student's major field of study. It translates academic theory into the real world of industry. Students may start working in a co-op job as early as the third quarter and continue through their senior year. Some advantages for students participating in the Cooperative Education Program include becoming better prepared technically through actual on-the-job experience, learning valuable lessons in human relations, having the chance to observe professionals working in their chosen field, and earning wages which help cover educational expenses. Students interested in Co-op should complete an application form and establish a co-op file with the Career Development Center.

There is no charge for any of the services provided by the Career Development Center. In addition, a list of full-time and part-time jobs is available. For more information, come to Room 207 Goodwyn Hall.



# Faculty

Adams, Caroline S., <b>Professor of Biology</b> .....	1974
B.A., Drew University; M.A., Ph.D., Southern Illinois University	
Aho, John M., <b>Assistant Professor of Biology</b> .....	1992
B.A. M.A., Wake Forest University; Ph.D., University of Exeter, England	
Albree, Anson B., <b>Assistant Professor of Mathematics and Pre-Engineering</b> .....	1976
B.E., Vanderbilt University; M.A., University of Tennessee	
Alexander, Jeri Jo, <b>Associate Professor of Education</b> .....	1988
B.A., Fort Lewis College; M.A., Northern Arizona University; Ph.D., University of New Mexico	
Anderson, Nancy, <b>Associate Professor of English and Director, English Composition; Distinguished Teaching Fellow</b> .....	1973
B.A., Millsaps College; M.A., University of Virginia	
Ang, David S., <b>Assistant Professor of Information Systems and Decision Science</b> .....	1992
B.S., Ohio University; M.S., Ph.D., University of Alabama at Huntsville	
Arnold, Edwin W., <b>Associate Professor of Management</b> .....	1989
B.B.A., University of Wisconsin-Whitewater; M.B.A., University of Arkansas; Ph.D., University of Alabama	
Baggett, Jannett, <b>Instructor of Education and Director, Early Childhood Center</b> .....	1977
B.S., Valdosta State College; M.Ed., Ed.S., Auburn University at Montgomery	
Bailey, C. Suzanne, <b>Assistant Professor of Justice and Public Safety</b> .....	1993
B.A., University of Michigan-Flint; J.D., The Thomas M. Cooley Law School	
Barfoot, James, <b>Associate Professor of Philosophy and English</b> .....	1976
B.A., University of South Alabama; M.A., Ph.D., Auburn University	
Barksdale, Jeffrey M., <b>Assistant Professor of Medical Technology and Biology</b> .....	1982
B.S., M.T.(ASCP), University of Alabama in Birmingham; M.S., Auburn University	
Beale, Betty, <b>Instructor of Education</b> .....	1997
B.S., University of Alabama; M.Ed., Georgia State University; Ed.S., Auburn University at Montgomery	
Benson, Mark, <b>Associate Professor of Music</b> .....	1988
B.Mus., M.Mus., Miami University; Ph.D., University of California at Los Angeles	
Best, Rickey D., <b>Interim Dean, Library</b> .....	1986
B.A., M.A., University of California, Riverside; M.L.I.S., University of California at Berkeley	
Billingslea, Oliver L.F., <b>Associate Professor of English</b> .....	1970
B.A., University of Mississippi; M.A., Johns Hopkins University; Ph.D., University of Wisconsin	

- Bogie, Donald W., **Director, Center for Demographic and Cultural Research, and Professor of Sociology** ..... 1971  
B.A., Georgetown College; M.A., Ph.D., University of Kentucky
- Boyer, Joe L., **Assistant to the Chancellor and Professor of Education** ..... 1989  
B.S., Tennessee State University; M.S., University of Illinois at Urbana-Champaign; Ph.D., Ohio State University
- Brackett, Kimberly P., **Assistant Professor of Sociology** ..... 1996  
B.S., Jacksonville State University; M.A., Ph.D., University of Florida
- Bradley, Patricia J., **Assistant Professor of History** ..... 1982  
B.A., University of Georgia; M.A., West Georgia College; Ph.D., Emory University
- Braswell, Ray, **Associate Professor of Education** ..... 1988  
B.M., M.A., Appalachian State University; Ed.D., Virginia Polytechnic Institute and State University
- Brown, Jennifer, **Head, Department of Foundations, Secondary, and Physical Education, and Professor of Education** ..... 1976  
B.S., Jacksonville State University; M.A., Ed.D., University of Alabama
- Brumlow, William B., **Assistant Professor of Medical Technology and Biology** ..... 1983  
B.S., Northwestern State University; M.T.(ASCP), Jackson Memorial Hospital; M.S., Ph.D., University of Wisconsin
- Budden, Michael C., **Professor of Marketing** ..... 1988  
B.S., Louisiana State University; M.B.A., Southeastern Louisiana University; Ph.D., University of Arkansas
- Burnett, Jimmy J., SFC, AR, **MS II Instructor, Army ROTC** ..... 1994  
A.A., Barton County Junior College
- Calvo, Beatriz N., **Assistant Professor of Spanish and International Studies** ..... 1994  
Profesora de Letras, Universidad Nacional de Rosario (Argentina); M.A., King's College of the University of London; M.A., University of Colorado
- Caudill, Janice Elaine, **Instructor of Finance** ..... 1996  
B.A., University of Waterloo; M.S., Auburn University
- Chambless, Donald A., **Professor of Mathematics and Pre-Engineering** ..... 1973  
B.M.E., Auburn University; M.S., University of Tennessee; Ph.D., Tulane University
- Chapman, Larry, **Associate Professor of Education and Director, Athletics** ..... 1977  
B.S., M.Ed., Auburn University
- Chiles, Ted W., **Associate Professor of Economics** ..... 1990  
B.A., Westminster College; M.A., University of Akron; Ph.D., The Pennsylvania State University
- Christian, Willie H., **Assistant Professor of Mathematics** ..... 1984  
B.A., Miles College; M.A., Atlanta University; Ed.D., Auburn University
- Clark, Joy, **Associate Professor of Economics** ..... 1988  
B.S., M.S., Auburn University; Ph.D., Texas A&M University

Coley, Phillip, <b>Professor of Fine Arts</b> .....	1972
B.F.A., M.F.A., University of Georgia	
Cravey, Paula D., <b>Instructor of Education and Assistant Director, Early Childhood Center</b> .....	1992
B.S., Auburn University; M.Ed., Auburn University at Montgomery	
Crowley, Joseph P., <b>Assistant Professor of English</b> .....	1979
B.A., University of Toronto; Ph.D., University of North Carolina	
Curry, Mary Jane, <b>Assistant Professor of English</b> .....	1994
B.A., Birmingham-Southern College; M.A., University of Alabama; M.A., University of Alabama in Birmingham; Ph.D., Auburn University	
Daniell, Steven, <b>Associate Professor of French and International Studies</b> .....	1991
B.A., Texas Tech University; M.A., Ph.D., University of Illinois-Urbana	
Dearman, Catherine, <b>Associate Professor of Nursing</b> .....	1996
B.S.N., Mississippi University for Women; M.S.N., University of Alabama in Birmingham; Ph.D., University of Mississippi, Oxford	
Deaton, William L., <b>Dean, School of Education, and Professor of Education</b> .....	1992
B.S., Albany State College; M.S.Ed., Ph.D., University of Kansas	
Dekle, Barbara, <b>Librarian III and Head, Reference and Instructional Services</b> .....	1971
B.A., Huntingdon College; M.L.S., University of Alabama	
Denton, Thomas E., <b>Head, Department of Biology, and Professor of Biology</b> .....	1987
B.A., Huntingdon College; M.S., Ph.D., University of Alabama	
Depas-Orange, Ann, <b>Assistant Professor of English</b> .....	1990
B.A., M.Ed., Tuskegee University	
Deravi, M. Keivan, <b>Director, Center for Government and Public Affairs, and Professor of Economics</b> .....	1985
B.A., University of Teheran; M.B.A., Tarlton State University; Ph.D., Oklahoma State University	
Duarte, Neville, <b>Associate Professor of Management</b> .....	1989
B.A., M.A., LL.B., University of Bombay; Ph.D., University of Florida	
Duffy, Mary Ann, <b>Assistant Professor of Nursing</b> .....	1994
B.S.N., M.S.N., Loyola University Chicago	
Dyal, Allen B., <b>Assistant Professor of Education</b> .....	1993
B.S., Appalachian State University; M.A., Western Carolina College; Ed.D., University of Tennessee	
Elliott, Robert H., <b>Associate Dean, School of Sciences, and Professor of Political Science and Public Administration</b> .....	1976
B.A., M.A., Mississippi State University; Ph.D., University of Houston	
Elston, Claudia Hall, <b>Assistant Professor of Sociology</b> .....	1990
B.A., University of Houston (Central); M.A., Southern University; Ph.D., Mississippi State University	
Evans, Robert C., <b>Professor of English</b> .....	1982
B.A., University of Pittsburgh; Ph.D., Princeton University	

- Fair, John D., **Head, Department of History, and Alumni Professor of History** ..... 1971  
B.A., Juniata College; M.A., Wake Forest University;  
Ph.D., Duke University
- Faulk, Debbie R., **Instructor of Nursing** ..... 1996  
B.S.N., Auburn University at Montgomery; M.S.N., Troy  
State University
- Faust, Jeffrey B., **Librarian II, Reference and Instructional Services** ..... 1993  
A.A.S., Wallace Community College; B.A., M.H.S., Auburn University;  
M.L.I.S., Louisiana State University
- Findley, Mirian K., **Instructor of Physical Sciences** ..... 1996  
B.S., M.A.T., University of Montevallo
- Fitzsimmons, Michael P., **Professor of History** ..... 1985  
B.A., Belmont Abbey College; M.A., Ph.D., University of  
North Carolina
- Flynt, Samuel W., **Associate Professor of Education** ..... 1987  
B.S., M.S., University of South Alabama; Ed.D., Auburn University
- Fogg, Terry L., **Assistant Professor of Education** ..... 1995  
B.Sc., B.Ed., M.Ed., University of Manitoba; Ph.D., Ontario  
Institute for Studies in Education
- Francis, Deborah H., **Assistant Professor of Management** ..... 1994  
B.S., University of Alabama; M.B.A., University of Alabama  
in Birmingham; Ph.D., University of South Carolina
- Gaines, Elizabeth Blair, **Assistant Professor of Communication** ..... 1978  
B.A., College of William and Mary; M.A., Indiana University
- Gaines, Robert A., **Head, Department of Communication and Dramatic Arts; Director, Theatre AUM; and Professor of Theatre** ..... 1977  
B.A., College of William and Mary; M.A., University  
of Maryland; Ph.D., Indiana University; J.D., Jones School of Law
- Gerogiannis, Nicholas C., **Head, Department of International Studies, and Associate Professor of English and International Studies** ..... 1976  
B.A., M.A., San Francisco State University
- Gibbons, Charlie, **Associate Professor of Education and Director, Intramurals** ..... 1977  
B.A., M.Ed., Georgia Southern College;  
Ed.D., University of Alabama
- Gilchrist, Michael R., **Assistant Professor of Education** ..... 1991  
B.S., Texas Christian University; M.Ed., Auburn University at  
Montgomery; Ed.D., Auburn University
- Golden, Charles W., **Professor of Information Systems and Decision Science** ..... 1973  
B.S., D.B.A., Mississippi State University; M.B.A., Memphis  
State University
- Golden, Mary E., **Professor of Accounting** ..... 1973  
B.B.A., M.B.A., Memphis State University; D.B.A., Mississippi  
State University; CPA

- Goodson, Jane R., **Head, Department of Management; Director, Graduate Studies in Business; and Professor of Management** ..... 1986  
B.S., M.S., Ph.D., University of Alabama
- Grafton, Carl, **Professor of Political Science and Public Administration; Distinguished Research Professor** ..... 1975  
B.S., University of Toledo; M.A., Ph.D., Purdue University
- Gregorowicz, Phillip, **Head, Department of Economics, and Professor of Economics** ..... 1980  
B.A., M.A., Ph.D., Northern Illinois University
- Gribben, Alan, **Head, Department of English and Philosophy, and Professor of English** ..... 1991  
B.A., University of Kansas; M.A., University of Oregon; Ph.D., University of California at Berkeley
- Griffin, Tom F., III, **Professor of Information Systems and Decision Science** ..... 1992  
B.S., M.B.A., Ph.D., University of Alabama
- Griswold, Dianne, **Professor of Education** ..... 1979  
B.S., M.Ed., Auburn University; Ph.D., Arizona State University
- Hackel, Alan S., **Dean, Continuing Education, and Associate Professor of Education** ..... 1993  
B.A., M.S., Case Western Reserve University; Ph.D., Ohio State University
- Hall, Marc A., **Associate Professor of Management** ..... 1987  
B.S., University of Montevallo; J.D., Cumberland School of Law
- Hall, Rosine, **Assistant Professor of Biology** ..... 1996  
B.A., Rice University; M.S., Yale University; Ph.D., Rice University
- Harrison, Danny E., **Professor of Sociology** ..... 1972  
B.A., M.S., Ph.D., Mississippi State University; M.C.E., Emory University
- Hebert, Richard J., **Associate Professor of Medical Technology and Biology** ..... 1976  
B.S., University of Southwestern Louisiana; M.S., Northwestern State University; Ph.D., Louisiana State University; M.T.(ASCP), Baton Rouge General School of Medical Technology
- Hegji, Charles E., **Professor of Economics; Distinguished Research Professor** ..... 1985  
B.S., M.S., University of Wisconsin; Ph.D., Washington University
- Heier, Jan Richard, **Assistant Professor of Accounting and Finance** ..... 1986  
B.S., M.B.A., University of Wisconsin; D.B.A., Mississippi State University; CPA
- Henderson, Timothy J., **Assistant Professor of History** ..... 1996  
B.A., M.A., University of Texas; Ph.D., University of North Carolina
- Hess, Allen K., **Head, Department of Psychology, and Professor of Psychology; Distinguished Research Professor** ..... 1988  
B.A., City College of New York; M.A., Ph.D., University of Kentucky
- Hill, Joseph B., **Dean, School of Sciences, and Professor of Mathematics** ..... 1969  
B.A., M.A., Washington State University; Ph.D., Auburn University

- Hill, Patricia N., **Associate Professor of English** ..... 1971  
A.B., Spring Hill College; M.A., Ph.D., Auburn University
- Ho, Jane Y., **Librarian II and Coordinator, Cataloging** ..... 1983  
B.A., Soochow University; M.L.S., George Peabody College
- Ho, Yaw-Chin, **Head, Department of Information Systems and Decision Science, and Professor of Information Systems and Decision Science** ..... 1980  
B.A., Soochow University; M.S., Vanderbilt University; Ph.D., George Peabody College
- Honan, Ava S., **Assistant Professor of Information Systems and Decision Science** ..... 1981  
B.S., Georgia Institute of Technology; M.B.A., Auburn University at Montgomery; Ph.D., Auburn University; C.D.E.
- Honey, William C., **Associate Professor of Management** ..... 1985  
B.A., University of the South; J.D., Washington University
- Hood, Susan B., **Associate Professor of Fine Arts** ..... 1993  
B.A., M.A., Ph.D., University of Missouri
- Huang, Cheng-Chi, **Associate Professor of Mathematics** ..... 1984  
B.S., Taiwan Normal University; M.S., Auburn University; Ph.D., Iowa State University
- Hudson, Shelly J., **Assistant Professor of Education** ..... 1996  
B.S., Morehead State University; M.S., Troy State University; Ph.D., Florida State University
- Ingram, Jerry J., **Professor of Marketing** ..... 1970  
B.S., M.A., University of Alabama; Ph.D., University of Arkansas
- Ingram, Jr., Robert B., **Distinguished Lecturer in Communication and Political Science** ..... 1993  
B.S., Auburn University
- Ivy, Sandra L., **Assistant Professor of Nursing** ..... 1995  
B.S.N., M.A., University of Alabama; M.S.N., Mississippi University for Women
- Jackson, Sharon S., **Instructor of Accounting** ..... 1991  
B.S.B.A., M.B.A., Auburn University; CPA
- Jensen, Suzanne, **Assistant Professor of Fine Arts** ..... 1987  
B.F.A., Indiana State University; M.F.A., Tulane University
- Johnson, Raymond M., **Professor of Finance** ..... 1970  
B.S., M.B.A., University of Southern Mississippi; M.S., Ph.D., Oklahoma State University
- Jones, Michael A., **Associate Professor of Marketing** ..... 1987  
B.A., M.S., Louisiana State University; Ph.D., University of Missouri
- Judd, Vaughan C., **Head, Department of Marketing, and Associate Professor of Marketing** ..... 1986  
B.S., Rochester Institute of Technology; M.S., University of Rochester; Ph.D., University of North Texas
- Kamnikar, Judith, **Professor of Accounting** ..... 1985  
B.S., M.S.B.A., Northern Illinois University; Ph.D., University of Denver; CPA

- Katz, Judd A., **Assistant Vice Chancellor for Academic Affairs, Associate Director of Graduate Studies, and Professor of Psychology** ..... 1973  
B.A., M.A., Arizona State University; Ed.D., University of Georgia
- Kaysing, Charles J., **Instructor of Accounting** ..... 1994  
B.S.C., St. Louis University; M.B.A., University of Alaska; CIA
- Lacy, Allen Wayne, **Professor of Economics** ..... 1976  
B.S., M.S., Auburn University; Ph.D., Iowa State University
- Lake, Robert C., **Professor of Accounting** ..... 1971  
B.S., M.B.A., University of New Orleans; D.B.A., Louisiana Tech University; CPA; CDP; CIA; CMA
- Lange, David R., **Professor of Finance; Distinguished Teaching Fellow** ..... 1990  
B.S., Northern Kentucky University; M.A., Ph.D., University of Kentucky
- Lantz, Keith W., **Dean, School of Business, and Professor of Accounting** ..... 1995  
B.S., University of Wyoming; M.S., Oklahoma State University; Ph.D., University of Iowa
- Lazenby, Ramona B., **Assistant Professor of Nursing** ..... 1989  
B.S.N., University of Alabama at Birmingham; M.S.N., Troy State University
- Lett, Samuel L., **Associate Professor of Accounting** ..... 1976  
B.S., Huntingdon College; M.A., University of Alabama; Ph.D., University of South Carolina; CPA
- Lewis, Christine W., **Associate Professor of Management** ..... 1988  
B.A., J.D., University of Alabama
- Liddell, Will L., Jr., **Associate Professor of Mathematics and Pre-Engineering and Coordinator, Engineering** ..... 1976  
B.M.E., M.S., Auburn University; Ph.D., North Carolina State University
- Little, Anne C., **Associate Professor of English and Director, Learning Center** ..... 1989  
B.A., University of South Carolina; M.A., Auburn University; Ph.D., University of South Carolina
- Little, Robert G., **Instructor of Information Systems** ..... 1996  
B.S., Clemson University; M.B.A., Auburn University at Montgomery
- LoBello, Steven G., **Associate Professor of Psychology** ..... 1989  
B.A., Christian Brothers College; M.S., Mississippi State University; Ph.D., University of Southern Mississippi
- Long, Carolyn K., **Assistant Professor of Psychology** ..... 1974  
B.S., Auburn University; B.A., Auburn University at Montgomery; M.S., University of Georgia
- Lucy-Bouler, Thomas, **Associate Professor of Information Systems and Decision Science** ..... 1990  
B.S., Ph.D., University of Alabama
- Mahaffy, Christopher A.L., **Professor of Physical Sciences; Distinguished Research Professor** ..... 1981  
B.Sc., The Northern Ireland Polytechnic; Ph.D., University of Strathclyde; MRSC/C. Chem. Royal Society of Chemistry



- Marcus, Martha Ann, **Assistant Professor of Social Work** ..... 1974  
B.S., Florence State University; M.S.W., Louisiana State University
- Marks, Daniel G., **Associate Professor of Mathematics** ..... 1980  
B.S., M.S., California Institute of Technology; Ed.D., Auburn University
- Martin, David P., **Instructor of Physical Sciences** ..... 1991  
B.A., Covenant College; M.S., Eastern Michigan University
- Martin, Larry, **University Grants Facilitator; Director, DeWitt Wallace - Reader's Digest Pathways to Teaching Program; and Professor of Education** ..... 1976  
B.P.E., M.S., Ph.D., Purdue University
- Mason, Cynthia, **Assistant Professor of Education** ..... 1996  
B.S., Kentucky State University; M.Ed., Ed.S., Western Kentucky University; Ed.D., University of Kentucky
- McArthur, David, **Instructor of Management** ..... 1996  
B.S., United States Merchant Marine Academy;  
M.A., M.B.A., Brigham Young University
- McClurg, Verne H., **Head, Department of Justice and Public Safety, and Associate Professor of Justice and Public Safety** ..... 1982  
B.S., Northern Arizona University; M.A., Washington State University; Ph.D., University of Nebraska
- McCord, Lola, **Instructor of Communication** ..... 1996  
B.A., Auburn University at Montgomery; M.A., Auburn University
- McDevitt, Carl D., **Associate Professor of Information Systems and Decision Science** ..... 1975  
B.A.A., M.S., Auburn University; Ph.D., University of Georgia
- McDonald, Nancy, **Associate Professor of Nursing; Distinguished Teaching Fellow** ..... 1987  
B.S.N., University of North Alabama; M.S.N., University of Alabama in Birmingham; Ed.S., Troy State University;  
Ed.D., Auburn University
- McGee, Daniel L., CAPT, **Assistant Professor of Military Science, Army ROTC** ..... 1996  
B.S., University of Arkansas at Pine Bluff
- McGhee, Marcheta, **Assistant Professor of Education** ..... 1993  
B.S., M.A., University of Alabama; M.Ed., University of Alabama in Birmingham; Ph.D., University of Alabama
- McKenzie, Nelya J., **Assistant Professor of Communication** ..... 1994  
B.S., M.A., Auburn University; Ph.D., University of Florida
- Meadows, Lois, **Assistant Professor of Nursing** ..... 1991  
B.S.N., Troy State University; M.S.N., University of Alabama in Birmingham; Ed.S., Troy State University in Montgomery; CS, LPC
- Meadows, Robert B., **Assistant Professor of Education** ..... 1993  
B.S., Jacksonville State University; M.Ed., Auburn University; Ed.D., University of Georgia
- Medley, Jerry Morgan, **Associate Professor of Communication** ..... 1981  
B.A., University of Alabama; M.A., Pennsylvania State University
- Mehta, Sheila, **Assistant Professor of Psychology** ..... 1993  
A.B., Brown University; M.A., Ph.D., University of Connecticut



- Melton, Jeffrey Alan, **Assistant Professor of English** ..... 1994  
B.A., Clemson University; M.A., Ph.D., University of South Carolina
- Michael, Marion C., **Professor of English** ..... 1982  
B.A., University of Georgia; M.A., University of Virginia;  
Ph.D., University of Georgia
- Mills, Lynne, **Assistant Professor of Education** ..... 1990  
B.S., M.S., Ph.D., Auburn University
- Mills, Richard, **Professor of Fine Arts** ..... 1979  
B.F.A., M.F.A., University of Tennessee
- Moberly, H. Dean, **Professor of Economics** ..... 1970  
B.S., Abilene Christian University; M.S., Texas Tech University;  
Ph.D., Texas A & M University
- Moody, Bradley, **Associate Professor of Political Science and  
Public Administration** ..... 1972  
B.A., Southwest Texas State College; Ph.D., University of Texas
- Moody, Margaret V., **Instructor of Political Science and  
Public Administration** ..... 1975  
B.A., Trinity University; M.A., University of Texas
- Morton, Gerald, **Professor of English** ..... 1982  
B.A., Emory and Henry College; M.A., Georgia Southern College;  
Ph.D., University of Tennessee in Knoxville
- Morton, Rhonda C., **Assistant Professor of Education** ..... 1991  
B.S., M.Ed., College of Charleston; Ph.D., Florida State University
- Mullins, Larry C., **Head, Department of Sociology, and  
Professor of Sociology** ..... 1994  
B.A., M.A., University of Alabama; Ph.D., Yale University
- Nance, Guinevera A., **Professor of English** ..... 1971  
B.A., Texas Christian University; M.A., Ph.D., University of  
Virginia
- Nanney, Jimmy R., **Professor of Mathematics** ..... 1970  
A.A., Itawamba Junior College; B.S., M.S., Ph.D., University of  
Mississippi
- Nathan, James A., **Khaled bin Sultan Eminent Scholar in  
Political Science and International Policy** ..... 1991  
A.B., Indiana University; M.A., Ph.D., Johns Hopkins University
- Nobles, Donald G., **Assistant Professor of Communication** ..... 1989  
A.B., M.A., University of Alabama
- Nowell, William, **Associate Professor of Mathematics** ..... 1981  
B.S., Georgia Institute of Technology; M.A., University of Maryland;  
Ph.D., University of Kentucky
- O'Brien, Wini M., **Interim Dean, School of Nursing, and  
Associate Professor of Nursing** ..... 1989  
B.S.N., Auburn University at Montgomery; M.S.N., Troy State  
University; Ph.D., University of Alabama
- Okia, Nathan O., **Professor of Biology** ..... 1979  
Dip.Ed., Makerere University College;  
A.B., M.A., Ph.D., Indiana University
- Olson, Michele Scharff, **Associate Professor of Education** ..... 1995  
B.A., Huntingdon College; M.Ed., Ph.D., Auburn University

- Osterhoff, William E., **Professor of Justice and Public Safety** ..... 1974  
B.A., Syracuse University; M.A., Ph.D., University of Alabama
- Owens, James, **Assistant Dean, School of Sciences, and Assistant Professor of Biology** ..... 1975  
B.S., University of Alabama; M.S., Auburn University;  
Ph.D., University of Alabama in Birmingham
- Palmer, Chester I., **Professor of Mathematics and Director, Freshman Mathematics** ..... 1974  
A.B., Dartmouth College; M.A., Cornell University; M.Phil., Yale University; Ed.D., Auburn University
- Paul, Susie, **Associate Professor of English** ..... 1985  
B.A., University of Southern Mississippi; M.A., University of Mississippi; Ph.D., University of South Carolina
- Peele, Howell Rhodes, Jr., **Associate Professor of Mathematics** ..... 1990  
B.S., North Carolina State University; M.S., Ph.D., University of North Carolina at Chapel Hill
- Permaloff, Anne, **Professor of Political Science and Public Administration** ..... 1975  
Ph.B., M.A., Wayne State University; Ph.D., University of Minnesota
- Pettas, William A., **Librarian IV** ..... 1989  
B.A., University of Buffalo (SUNY); M.L.S., Rutgers University;  
Ph.D., University of California at Berkeley
- Powell, Joan N., **Assistant Professor of Mathematics** ..... 1986  
B.S., University of North Alabama; M.A., University of Alabama in Huntsville; Ph.D., Auburn University
- Pughsley, Barbara R., **Instructor of Accounting** ..... 1994  
B.S.B.A., Auburn University; M.B.A., Auburn University at Montgomery; CPA
- Rankin, Beverly A., **Associate Dean, School of Liberal Arts, and Assistant Professor of Sociology** ..... 1976  
B.A., M.A., Memphis State University; M.S.S.W., University of Tennessee
- Rawlings, Jill, **Professor of Physical Sciences** ..... 1979  
B.A., Northwestern University; Ph.D., California Institute of Technology
- Ray, Glen E., **Assistant Professor of Psychology** ..... 1994  
B.S., Arkansas State University; M.S., Memphis State University;  
Ph.D., University of Memphis
- Redding, Steve A., MAJ, IN, **Assistant Professor of Military Science, Army ROTC** ..... 1993  
B.A., Mercer University
- Reese, James R., MAJ, OD, **Head, Department of Military Science, Army ROTC, and Professor of Military Science** ..... 1996  
B.A., Jacksonville State University; M.B.A., Augusta College
- Remko, John, **Assistant Professor of Information Systems** ..... 1976  
B.S., M.S., Ed.D., Northern Illinois University
- Richardson, William S., **Professor of Physical Sciences** ..... 1977  
B.A., Huntingdon College; Ph.D., University of Alabama
- Riley, Karen, **Assistant Professor of Education** ..... 1996  
B.A., M.A., University of Central Florida;  
Ph.D., University of Texas at Austin

- Ritvo, Roger A., **Vice Chancellor for Academic and Student Affairs; Director of Graduate Studies; Professor of Management** ..... 1997  
B.A., Western Reserve University; M.B.A., George Washington University; Ph.D., Case Western Reserve University
- Rogow, Robert B., **Professor of Accounting** ..... 1986  
B.S., M.B.A., Florida Atlantic University; Ph.D., University of Arkansas; CPA
- Russell, Randy D., **Assistant Professor of Physical Sciences** ..... 1984  
B.S., Cameron University; M.S., Iowa State University
- Ryali, Rajagopal, **Professor of Anthropology, Geography, and International Studies** ..... 1981  
B.A., Honours, Presidency College, Madras; M.A., University of Madras, India; M.A., Ph.D., Duke University
- Sadowski, Cyril J., **Professor of Psychology; Distinguished Research Professor** ..... 1983  
B.A., University of Illinois; M.S., Ph.D., University of Georgia
- Saigo, Roy H., **Chancellor and Professor of Biology** ..... 1994  
B.A., University of California at Davis; Ph.D., Oregon State University
- Salamone, Joseph A., MAJ, **Assistant Professor of Military Science, Army ROTC** ..... 1996  
B.A., West Virginia University
- Sayers, David L., **Assistant Professor of Accounting** ..... 1985  
B.S., Auburn University; M.B.A., Georgia State University; Ph.D., University of Nebraska-Lincoln; CPA
- Schmidt, Bettina E., **Assistant Professor of Mathematics** ..... 1993  
Vordiplom, Diplom, Rheinisch-Westfälische Technische Hochschule Aachen; Ph.D., Auburn University
- Schwarz, Joseph E., **Head, Department of Fine Arts, and Professor of Fine Arts** ..... 1977  
B.F.A., Ohio Wesleyan University; M.F.A., University of Illinois; Ph.D., Ohio State University
- Self, Donald R., **Professor of Marketing** ..... 1985  
B.A., Pan American University; M.B.A., Texas A & I University; D.B.A., Louisiana Tech University
- Shannon, Dennis M., **Assistant Professor of History** ..... 1995  
B.A., University of California at Los Angeles; M.A., University of Virginia; Ph.D., University of California at Berkeley
- Sharp, Paul M., **Professor of Sociology** ..... 1983  
B.S., Northeastern State University; M.S., Ph.D., Oklahoma State University
- Sheldon, Craig T., Jr., **Associate Professor of Anthropology and International Studies** ..... 1977  
B.A., University of Alabama; M.A., Ph.D., University of Oregon
- Shih, Stephen C., **Assistant Professor of Information Systems and Decision Science** ..... 1993  
B.S., Tunghai University; M.S., University of Missouri-Columbia; Ph.D., Pennsylvania State University
- Shook, Lyle L., **Associate Professor of Justice and Public Safety** ..... 1984  
B.A., Coe College; M.A., University of Iowa; Ed.D., University of Northern Colorado

- Simpson, Fred Morgan, **Professor of Education** ..... 1974  
B.S., M.Ed., Auburn University; Ed.D., University of Memphis
- Slattery, Patrick D., **Associate Professor of Psychology** ..... 1972  
B.A., M.A.Ed., Ph.D., Arizona State University
- Smith, Furman, **Associate Professor of Mathematics** ..... 1982  
B.S., M.A., University of Alabama;  
M.S., Ph.D., Florida State University
- Snyder, Vaughn, **Assistant Professor of Education** ..... 1993  
B.S. Grace College; M.S., Saint Francis College;  
Ph.D., Ohio University
- Sollars, David L., **Assistant Dean, School of Business, and  
Associate Professor of Economics** ..... 1990  
B.B.A., M.A., Ohio University;  
Ph.D., Florida State University
- Sterling, Eric J., **Assistant Professor of English** ..... 1994  
B.A., Queens College (CUNY); M.A.,  
Ph.D., Indiana University
- Stockard, James W., Jr., **Associate Professor of Education** ..... 1987  
B.A., M.Ed., Northwestern Louisiana State University;  
Ed.D., Louisiana State University
- Stringer, Suzanne J., **Assistant Professor of Education** ..... 1996  
B.S., Jacksonville University; M.S., University of West Alabama;  
Ph.D., University of Alabama at Birmingham
- Teggins, John E., **Head, Department of Physical Sciences, and  
Professor of Physical Sciences** ..... 1971  
B.Sc., Sheffield University; M.A., Ph.D., Boston University
- Thomas, M. Carolyn, **Professor of Education** ..... 1985  
B.S., M.Ed., Tulane University; M.S., Auburn University  
at Montgomery; Ph.D., University of Iowa
- Thomas, Nicholas C., **Associate Professor of Physical Sciences** ..... 1985  
B.Sc., Ph.D., Monash University
- Thomson, Mary Sue, **Associate Professor of Biology** ..... 1988  
B.S., D.V.M., Mississippi State University; M.S.,  
Ph.D., Auburn University
- Tidwell, Pamela S., **Assistant Professor of Psychology** ..... 1993  
B.A., Birmingham-Southern College; M.S.,  
Ph.D., University of Georgia
- Tims, Betty J., **Librarian III and Coordinator, Government  
Information Services** ..... 1983  
B.A., Livingston University; M.A.T., University of Montevallo;  
M.L.S., University of Alabama
- Ulveland, Randall Dana, **Assistant Professor of Education** ..... 1995  
B.A., B.Ed., University of Alberta; M.Sc., University of Oregon;  
Ph.D., Simon Fraser University
- Underwood, Robert G., **Assistant Professor of Mathematics** ..... 1994  
B.S., M.A., M.S., Ph.D., State University of New York at Albany
- Van Der Velde, Robert J., **Assistant Professor of Justice and  
Public Safety** ..... 1995  
B.S., Ohio State University; M.S., Cleveland State University;  
J.D., Cleveland-Marshall College of Law

- Vocino, Thomas J., **Head, Department of Political Science and Public Administration, and Professor of Political Science and Public Administration** ..... 1974  
 B.S., M.S., University of Wisconsin-Milwaukee;  
 Ph.D., Southern Illinois University
- Walker, Allen F., CAPT, **Assistant Professor of Military Science, Army ROTC** ..... 1997  
 B.A., University of Maryland
- Walker, David, **Associate Professor of Philosophy** ..... 1980  
 B.E.E., Auburn University; M.A., Ph.D., Florida State University
- Walker, Robbie Jean, **Interim Dean, School of Liberal Arts, and Professor of English** ..... 1979  
 B.S., Alabama A & M University; M.Ed., Alabama State University; Ed.D., Auburn University
- Warren, Janet S., **Assistant Dean, School of Education; Head, Department of Early Childhood, Elementary, and Reading Education; and Professor of Education** ..... 1974  
 B.S., M.S., Ed.D., Auburn University
- West, Debra, **Librarian II, Reference and Instructional Services** ..... 1991  
 B.A., Auburn University at Montgomery;  
 M.L.S., University of Alabama
- Wiedemann, Barbara, **Associate Professor of English** ..... 1988  
 B.A., State University of New York at Buffalo; M.A.,  
 Ph.D., University of South Florida, Tampa
- Williams, Francine M., **Assistant Professor of Nursing** ..... 1994  
 B.S.N., Troy State University; M.S.N., University of Alabama at Birmingham
- Williams, Tammy L., **Instructor of Information Systems and Decision Science** ..... 1994  
 B.S., M.A., University of Alabama
- Williford, Henry (Hank) N., Jr., **Professor of Education; Distinguished Research Professor** ..... 1983  
 B.S., M.Ed., Auburn University; A.A., Ed.D., University of Alabama
- Willis, Susan, **Coordinator, Master of Liberal Arts Program, and Professor of English** ..... 1978  
 B.A., Emory University; M.A., Ph.D., University of Virginia
- Wilson, Thomas M., **Director, Air University Graduate Program, and Associate Professor of Political Science and Public Administration** ..... 1983  
 B.A., Mississippi State University;  
 M.A., Ph.D., University of Tennessee
- Winkelman, Michael E., **Associate Professor of Theatre** ..... 1990  
 B.A., North Texas State University;  
 M.F.A., University of Texas at Austin
- Winkelman, Valeria J., **Assistant Professor of Theatre** ..... 1994  
 B.A., North Texas State University;  
 M.F.A., University of Texas at Austin
- Witherspoon, Arnold D., **Instructor of Psychology** ..... 1971  
 B.A., M.S., Auburn University

- Witkosky, David V., **Assistant Professor of German and International Studies** ..... 1989  
A.B., A.M., University of Illinois-Chicago;  
Ph.D., University of Illinois at Urbana-Champaign
- Wolfe, Virginia, **Professor of Communication** ..... 1983  
B.S., M.A., Ph.D., Ohio State University
- Wolfinger, Donna, **Professor of Education** ..... 1980  
B.S., Clarion State College; M.Ed.,  
Ed.D., Pennsylvania State University
- Woods, Paul C., **Head, Department of Mathematics, and Associate Professor of Mathematics** ..... 1972  
B.A., M.S., Ph.D., Florida State University
- Wozniak, Peter, **Associate Professor of History** ..... 1987  
B.S.F.S., Georgetown University; M.A., Ph.D., Indiana University
- Wright, James, **Head, Department of Counselor, Leadership, and Special Education, and Professor of Education** ..... 1992  
B.S., Stillman College; M.S., Alabama State University;  
Ed.D., University of Alabama
- Zachar, Peter, **Assistant Professor of Psychology** ..... 1995  
B.A., Loras College; M.A., Ph.D., Southern Illinois University
- Zhai, Qiang, **Associate Professor of History** ..... 1991  
B.A., M.A., Nanjing University; Ph.D., Ohio University

## Emeriti Faculty

- Barnett, Kathryn, **Dean Emerita of Nursing** ..... 1979  
R.N., Parkland Memorial Hospital; B.S., George Peabody College;  
M.S., University of Colorado; Ph.D., North Texas State University
- Cairns, Eldon J., **Professor Emeritus of Biology** ..... 1970  
B.A., M.A., University of California at Los Angeles;  
Ph.D., University of Maryland
- Campbell, Ken C., **Professor Emeritus of Education** ..... 1970  
B.S., Florida State University; M.A., Florida Atlantic University;  
Ed.D., University of Georgia
- Clark, William D., **Dean Emeritus of Business** ..... 1969  
B.S., M.B.A., Ph.D., University of Arkansas
- Cornell, Richard A., **Associate Professor Emeritus of Communication** ..... 1976  
B.F.A., Ohio University; M.S., Vanderbilt University;  
Ph.D., Northwestern University
- Dodd, Donald B., **Professor Emeritus of History** ..... 1969  
B.S., Florence State University; M.A., Auburn University;  
Ph.D., University of Georgia
- Hamilton, John B., Jr., **Professor Emeritus of Chemistry** ..... 1972  
B.A., Bellarmine College; Ph.D., Case Western Reserve University
- Maertens, Norbert, **Dean Emeritus of Education** ..... 1978  
B.S., Mankato State University; M.A., Ph.D., University of Minnesota
- McElroy, Derwyn, **Associate Professor Emeritus of Education** ..... 1976  
B.S., Florida State University; M.Ed., Ed.D., Auburn University
- Nivens, Maryruth K., **Professor Emerita of Education** ..... 1975  
B.S., Denver University; M.S., Ph.D., Purdue University

- Portis, Sarah C., **Associate Professor Emerita of Education** ..... 1973  
 B.S., M.Ed., Mississippi State University; Ed.D., Auburn University
- Schlotterback, Darrell L., **Associate Professor Emeritus of Justice and Public Safety** ..... 1975  
 B.S.C., University of Iowa; M.S., Florida State University; J.D., University of Alabama Law School
- Schrader, George D., **Professor Emeritus of Justice and Public Safety** ..... 1979  
 B.S., J.D., University of Kentucky; M.B.A., University of Dayton; M.P.S., Auburn University; M.P.A., Auburn University at Montgomery
- Sterkx, Henry E. (deceased), **Professor Emeritus of History** ..... 1969  
 B.A., M.A., Louisiana State University; Ph.D., University of Alabama
- Walden, John C., **Professor Emeritus of Education** ..... 1988  
 B.A., University of California at Los Angeles; M.A., California State University; Ph.D., Claremont Graduate School
- Wieseman, Robert A. (deceased), **Professor Emeritus of Education** ..... 1979  
 B.A., Catholic University of America; M.A., Ed.D., University of Kentucky
- Willard, Julia L., **Professor Emerita of Education** ..... 1972  
 B.A., B.S., Jacksonville State University; M.Ed., Ed.D., Auburn University
- Williams, Benjamin B., **Professor Emeritus of English** ..... 1969  
 A.B., M.A., University of Alabama; Ph.D., Vanderbilt University
- Williams, James O., **Chancellor Emeritus** ..... 1969  
 B.S., M.Ed., Ed.D., Auburn University

## Administrative/Professional Staff

Adkins, Margie N., <b>Assistant Manager, Cafeteria</b> .....	1987
Aitken, Lisa, <b>Assistant Director, Financial Aid</b> .....	1989
B.S., Liberty University; M.Ed., Auburn University at Montgomery	
Allen, Glenn L., <b>Assistant Director, Housing and Residence Life</b> .....	1988
B.A., University of South Alabama	
Alwan, Ali K., <b>Graduation Evaluator, Registrar's Office, and Soccer Coach</b> .....	1993
B.S., Auburn University at Montgomery; M.A., U.S. Sports Academy	
Anderson, Ginny, <b>Project Specialist, Center for Business and Economic Development</b> .....	1995
B.S., Auburn University	
Anderson, Jeffery, <b>Data Center Administrator, Computer Center</b> .....	1985
B.S., M.B.A., Auburn University at Montgomery	
Armstrong, Carolyn, <b>Project Manager, Upward Bound Project, Center for Special Services</b> .....	1994
B.S., Faulkner University; M.S., Troy State University	
Barbara, Henry, <b>Computer Application Specialist III, Computer Center</b> .....	1980
B.S., Ohio State University; M.B.A., University of Alabama	
Bigalow, Reed L., <b>Project Coordinator, Project LABSS, Center for Special Services</b> .....	1996
B.B.A., University of Texas at San Antonio; B.A., Purdue; M.S.A., Georgia College	
Blake, Wanda C., <b>Director, Cashier Office</b> .....	1988
B.S.B.A., Auburn University at Montgomery	
Blitz, Connie T., <b>Advancement Officer, Advancement and Alumni Services</b> .....	1994
B.A., Auburn University Montgomery	
Bowden, Carolyn G., <b>Manager, Cafeteria</b> .....	1979
Bogie, Donald W., <b>Director, Center for Demographic and Cultural Research</b> .....	1971
B.A., Georgetown College; M.A., Ph.D., University of Kentucky	
Boyer, Joe L., <b>Assistant to the Chancellor</b> .....	1989
B.S., Tennessee State University; M.S., University of Illinois at Urbana-Champaign; Ph.D., Ohio State University	
Braga, Anibal C., <b>Assistant Men's and Women's Tennis Coach</b> .....	1996
B.S., Auburn University at Montgomery	
Bridges, Lee S., <b>News Services Coordinator, University Relations</b> .....	1996
B.A., Auburn University at Montgomery	
Brooks, Sharon E., <b>Director, Career Development Center</b> .....	1995
B.A., Talladega College; M.B.A., University of West Florida	
Brown, Peggy M., <b>Graphic Designer, University Relations</b> .....	1991
B.A., Auburn University at Montgomery	



Butler, Stephen, <b>Director, Computer Center</b> .....	1980
B.A., M.I.S., Auburn University at Montgomery	
Card, Nigel, <b>Assistant Men's Basketball Coach</b> .....	1987
B.S., Auburn University at Montgomery	
Carrigan, Sarah D., <b>Coordinator, Institutional Studies</b> .....	1996
B.A., DePauw University; M.S., Indiana State University; Ph.D., University of Kentucky	
Chapman, Larry, <b>Director, Athletics</b> .....	1977
B.S., M.Ed., Auburn University	
Chapman, Tommie L., <b>Accountant I, Purchasing</b> .....	1972
B.S.B.A., Auburn University at Montgomery	
Chase, Sara K., <b>Assistant Women's Basketball Coach</b> .....	1996
B.A., Kalamazoo College	
Cook, Jerry, <b>Director, Physical Plant</b> .....	1986
B.S., Auburn University	
Crabtree, Bunny Cardwell, <b>Assistant Director, Admissions</b> .....	1990
B.A., Mars Hill College; M.Ed., Auburn University	
Crotz, Stephen D., <b>Women's Basketball Coach</b> .....	1996
B.S., University of Missouri at Columbia; M.Ed., University of Missouri at St. Louis	
Dahl, Debra D., <b>Manager, Personal Development, Division of Continuing Education</b> .....	1993
B.A., Huntingdon College	
Darden, Willie G., <b>Assistant Director, Center for Government and Public Affairs</b> .....	1994
B.S., Mississippi State University; M.A., Webster University	
Davis, Pharis Lee, Jr., <b>Director, Admissions</b> .....	1973
A.B., Bethany Nazarene College; M.Div., Nazarene Theological Seminary; M.Ed., University of Montevallo	
Deravi, Fariba, <b>Director, Contracts and Grants Administration, Academic Affairs</b> .....	1988
B.A., University of Teheran; M.B.A., Tarleton State University	
Deravi, M. Keivan, <b>Director, Center for Government and Public Affairs</b> .....	1985
B.A., University of Teheran; M.B.A., Tarlton State University; Ph.D., Oklahoma State University	
Douglass, MaryAnne, <b>Controller</b> .....	1978
B.A., University of South Florida; M.B.A., Auburn University at Montgomery	
Eberhart, Mary Catharine, <b>Manager, Personal Development, Division of Continuing Education</b> .....	1994
B.A., University of North Carolina at Greensboro; M.Ed., University of North Carolina at Chapel Hill; Ed.D., University of North Carolina at Greensboro	
Elliott, Gerard S., <b>Project Manager, ALIVE Program, Center for Special Services</b> .....	1990
B.S., Campbell University	
Enstrom, Janine C., <b>Director, Speech and Hearing Clinic</b> .....	1990
B.A., Birmingham-Southern College; M.A., University of Alabama	

Fisher, Jon T., <b>Network Manager, Computer Center</b> .....	1987
B.S.B.A., Auburn University at Montgomery	
Forrer, Daniel A., <b>Budget Coordinator, Controller's Office</b> .....	1984
B.S., Auburn University at Montgomery	
Fulford, Sherri G., <b>Executive Director, University Relations</b> .....	1983
B.S., Troy State University; M.P.A., Auburn University at Montgomery	
Fulton, Jean R., <b>Biology Laboratory Manager, Department of Biology</b> .....	1994
B.S., M.S., University of Alabama	
Gardner, Jay W., <b>Chief, Campus Police</b> .....	1994
B.S., Trenton State College; M.S., Auburn University at Montgomery	
Goggins, Becki R., <b>Project Specialist, Center for Government and Public Affairs</b> .....	1994
B.A., Auburn University; M.P.A., Auburn University	
Graham, Emmett James, <b>Accountant I, Controller's Office</b> .....	1996
B.S., Auburn University at Montgomery	
Gunter, Kathy S., <b>Assistant Dean, Division of Continuing Education</b> .....	1988
B.S., Auburn University; M.A., Auburn University at Montgomery	
Hackel, Alan S., <b>Dean, Division of Continuing Education</b> .....	1993
B.A., M.S., Case Western Reserve University; Ph.D., Ohio State University	
Halacker, Kennard B., <b>Fiscal Accounts Specialist, Center for Government and Public Affairs</b> .....	1995
B.A., Auburn University; B.S.B.A., Auburn University at Montgomery	
Harris, Nancy A., <b>Men's and Women's Tennis Coach</b> .....	1989
B.S., University of Alabama	
Hill, George, <b>Interim Registrar</b> .....	1984
B.S., M.S., Troy State University	
Hinson, Alan L., <b>Counselor, ALIVE Program, Center for Special Services</b> .....	1995
B.S., University of Southern Mississippi	
Holmes, Bradley F., <b>Project Coordinator, School of Business</b> .....	1994
B.S., Faulkner University; M.S., Troy State University	
Holmes, Georgia W., <b>Audiologist/Clinical Supervisor, Speech and Hearing Clinic</b> .....	1992
B.A., M.A., University of Alabama	
Hummel, John S., <b>Project Specialist, Center for Government and Public Affairs</b> .....	1985
B.S., Purdue University; M.B.A., University of West Florida	
Hunter, April D., <b>Project Specialist, Center for Business and Economic Development</b> .....	1996
B.S., Auburn University at Montgomery	
Hutton, L. K., <b>Manager, Sciences Computing Center</b> .....	1996
B.S., Alabama State University; M.S., Alabama A & M University	

Ingram, G. Clay, <b>Sports Information Coordinator</b> .....	1996
B.A., Auburn University	
Jackson, Elizabeth H., <b>Counselor, Upward Bound Project, Center for Special Services</b> .....	1995
B.S., Viterbo College; M.S., Troy State University	
Jackson, Katherine A., <b>Organizational Scientist, Center for Business and Economic Development</b> .....	1995
B.S., University of Oklahoma; M.B.A., M.S., Auburn University	
James, Julia, <b>Counselor, Student Technology Enhancement Program, Center for Special Services</b> .....	1992
B.L.A., Auburn University at Montgomery	
Johnston, James K., <b>Vice Chancellor for Financial and Administrative Services</b> .....	1990
B.S., M.Ed., Auburn University	
Keene, James L., <b>Program Coordinator, Advanced Technology Group</b> .....	1994
B.S., University of West Florida	
Kenton, George, <b>Manager, Professional Development, Division of Continuing Education</b> .....	1986
B.A., M.A. University of Kentucky	
Knighton, Helen Kay, <b>Accountant II, Accounts Payable, Controller's Office</b> .....	1994
B.S., Auburn University at Montgomery	
Ligon, Constance D., <b>Project Specialist, Center for Business and Economic Development</b> .....	1993
B.A., Florida A & M University	
Livingston, Sonia R., <b>Project Manager, Advanced Technology Group</b> .....	1988
B.A., Auburn University	
Lovrich, Marty, <b>Assistant Baseball Coach</b> .....	1990
B.A., M.A., Auburn University at Montgomery	
Lowe, Q. V., <b>Baseball Coach</b> .....	1986
B.S., M.A., Auburn University	
Massey, Tamara J., <b>Vocational Evaluator, ALIVE Program, Center for Special Services</b> .....	1996
B.S., B.A., M.A., Auburn University	
Malone, Edie, <b>Accountant I, Cashier Office</b> .....	1996
B.S.B.A., Auburn University at Montgomery	
McDaniel, Nancy, <b>Director, Center for Special Services</b> .....	1992
B.S., Kent State University; M.Ed., Ed.D., Auburn University	
Merritt, Dick E., <b>Director, Housing and Residence Life</b> .....	1978
B.S., Auburn University	
Middleton, Rex, <b>Maintenance and Grounds Superintendent, Physical Plant</b> .....	1980
Miller, Alice, <b>Catering Coordinator, Cafeteria</b> .....	1976
Mitchell, Linda, <b>Coordinator, Alabama Voice, School of Business</b> .....	1981
B.A., Emory University; M.S., M.B.A., Auburn University at Montgomery	
Moody, Tammie Y., <b>Project Specialist, Center for Business and Economic Development</b> .....	1993
B.S., Auburn University	

- Moseley, Lisa, **Accountant I, Cashier Office** ..... 1993  
B.S.B.A., Auburn University at Montgomery
- Norris, Catherine C., **Project Specialist, Center for Business and Economic Development** ..... 1996  
B.A., University of Montevallo
- Noyes, Geneva, **Computer Application Specialist III, Computer Center** ..... 1988  
B.S., Park College
- Parrish, Ethel, **Superintendent, Building Services** ..... 1988
- Patterson, Deborah A., **Assistant Director, Housing and Residence Life** ..... 1979  
B.S., University of Alabama; M.P.A., Auburn University at Montgomery
- Perdue, Marie Anne, **Assistant Director, Advancement and Alumni Services** ..... 1996  
B.A., Auburn University Montgomery
- Pollard, Dempsey, **Director, Campus Services** ..... 1973  
B.S., Huntingdon College
- Pugh, John L., **Grounds Supervisor, Physical Plant** ..... 1978
- Rawl, Carolyn D., **Manager, Distance Learning, Division of Continuing Education** ..... 1994  
B.S., Louisiana University; M.Ed., Boston University
- Reese, James R., MAJ, OD, **Head, Department of Military Science, Army ROTC** ..... 1996  
B.A., Jacksonville State University; M.B.A., Augusta College; M.A., Mississippi College
- Richardson, Randall E., **Coordinator, Physical Sciences Laboratories** ..... 1994  
B.S., M.Ed., Auburn University at Montgomery
- Ritvo, Roger A., **Vice Chancellor for Academic and Student Affairs; Director of Graduate Studies** ..... 1997  
B.A., Western Reserve University; M.B.A., George Washington University; Ph.D., Case Western Reserve University
- Roberts, Jacquelyn, **Director, Purchasing** ..... 1984  
B.S.B.A., M.B.A., Auburn University at Montgomery
- Rukeyser, Lisa, **Special Programs Coordinator, University Relations** ..... 1994  
B.A., Ithaca College
- Saigo, Roy H., **Chancellor** ..... 1994  
B.A., University of California at Davis; Ph.D., Oregon State University
- Shook, Rose, **Director, Personnel Services** ..... 1987  
B.S., Central Michigan University; M.A., Andrews University; M.S.A., University of Notre Dame
- Starnes, Becky Jo, **Advancement Officer, Advancement and Alumni Services** ..... 1996  
B.B.A., National University, M.B.A., Gonzaga University
- Stein, Pamela T., **Manager, Conferences, Division of Continuing Education** ..... 1991  
B.A., University of North Carolina at Asheville; M.S., M.B.A., Miami University, Ohio

Stinson, Phyllis J., <b>Director, Financial Aid</b> .....	1996
B.S., Faulkner University; M.S., Troy State University Montgomery	
Stokley, S. Lynne, <b>Student Services Coordinator, Center for Special Services</b> .....	1996
B.S., M.Ed., Auburn University	
Taffet, M. Robert, <b>Program Coordinator, Advanced Technology Group</b> .....	1991
B.A., Rutgers University; M.S., University of Southern California	
Thomasson, Jennifer H., <b>Research Specialist, Center for Business and Economic Development</b> .....	1993
B.A., Auburn University at Montgomery	
Tiemkongkanchna, Surunya L., <b>Accountant I, Controller's Office</b> .....	1987
B.B.A., Krirk College	
Tomczak, Edward, <b>Special Assistant to the Vice Chancellor for Student Affairs</b> .....	1976
B.S., Fordham University; M.Ed., Auburn University at Montgomery	
Tucker, Pamela, <b>Director, Media Center</b> .....	1979
A.S., Walker Junior College; B.S., Livingston University; M.Ed., Ed.S., Auburn University at Montgomery	
Veres, John G., III, <b>Director, Center for Business and Economic Development</b> .....	1978
B.S., M.S., Auburn University at Montgomery; Ph.D., Auburn University	
Vinzant, Jeffrey, <b>Manager, Bookstore</b> .....	1993
B.S., Auburn University at Montgomery	
Walden, Gayle, <b>Editor, University Relations</b> .....	1988
B.A., M.A., Middle Tennessee State University	
Wallace, George C., Jr., <b>Program Coordinator, Center for Government and Public Affairs</b> .....	1995
B.A., Huntingdon College	
Ward, Faye E., <b>Assistant Director, Personnel Services</b> .....	1988
B.A., Alabama State University	
Wieseman, Bonnie, <b>Coordinator, Instructional Support Lab</b> .....	1985
B.S., Spalding University; M.Ed., University of Kentucky; Ed.S., Auburn University at Montgomery	
Whilding, Patricia E., <b>Advancement Officer, Advancement and Alumni Services</b> .....	1996
B.S., Auburn University Montgomery	
Williams, Frank, <b>Photographer, University Relations</b> .....	1988
A.A., Valdosta Technical College	
Wolfe, Geryl L., <b>Assistant Director, Center for Special Services</b> .....	1990
B.S., Kennasaw College; M.S., Auburn University at Montgomery	
Woodman, Lloyd, <b>Program Coordinator, Center for Government and Public Affairs</b> .....	1985
B.S.B.A., M.B.A., Ph.D., University of Arkansas	
Woodman, Nancy C., <b>Executive Director, Advancement and Alumni Services</b> .....	1981
B.A., Hendrix College; M.S., University of Arkansas; Ph.D., University of Mississippi	



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