

AUBURN UNIVERSITY MONTGOMERY 1993-94 COLLEGE CATALOG

- **Catalog conversion notes**



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AUBURN UNIVERSITY AT MONTGOMERY
1993-1994

Montgomery, Alabama

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.

CALENDAR 1993-1994**FALL QUARTER 1993**

1. Student housing fee (fall quarter) due Mon., Aug. 2
2. Preregistration for fall quarter (current and previous
AUM students only; 8 A.M.--3 P.M. by invitation;
3:30 P.M.--6 P.M. open preregistration) Fri., Aug. 6
3. Extended preregistration (8 A.M.--5 P.M.,
Monday through Friday) Mon., Aug. 9-Fri., Aug. 20
4. Early orientation (by invitation only) Fri., Aug. 13
5. Last day to pay for preregistration (by 5 P.M.) Fri., Sept. 3
6. Schedule adjustment day (only for those students
who have preregistered and paid--no registration
conducted) Fri., Sept. 17
7. New undergraduate student orientation
(by invitation) Mon., Sept. 20
8. Final registration (8 A.M.--6 P.M.) Tues., Sept. 21
9. Late registration fee begins Wed., Sept. 22
10. Regular classwork begins:
Monday/Wednesday classes Wed., Sept. 22
Tuesday/Thursday classes Thurs., Sept. 23
Weekend classes Sat., Sept. 25-Sun., Sept. 26
11. Last day to register/add classes Tues., Sept. 28

(NOTE: After the second scheduled class period starts, or after the first scheduled class period for classes that meet once per week, prior written permission of the dean of the school in which the course is offered is required to register or add a class.)

12. Schedule adjustment fee begins Wed., Sept. 29
13. Last day for refunds Tues., Oct. 5
14. Last day to apply for fall quarter graduation Fri., Oct. 22
15. Last day to drop/resign fall quarter classes
(Completed forms must be turned in and
processed by the Records Office by 5 P.M.) Fri., Oct. 29
16. Fall quarter graduation work sheets (from
advisors) due in Records Office Fri., Nov. 5
17. Preregistration for winter quarter (current and
previous AUM students only; 8 A.M.-3 P.M. by
invitation; 3:30 P.M.-6 P.M. open preregistration) Fri., Nov. 19
18. Extended preregistration for
winter quarter Mon., Nov. 22-Fri., Dec. 10
19. Thanksgiving holidays (no classes) Wed., Nov. 24-Sun., Nov. 28
20. Last day of classes:
Monday/Wednesday classes Wed., Dec. 1
Tuesday/Thursday classes Thurs., Dec. 2
Weekend classes Sat., Dec. 4-Sun., Dec. 5
21. Final examinations (see examination
schedule for weekday classes) Mon., Dec. 6-Sun., Dec. 12
22. Graduating students' grades and all requirements for
graduation due and completed by 12 noon Mon., Dec. 13
23. All grades due in Records Office by 5 P.M. Mon., Dec. 13
24. Graduation effective this date Tues., Dec. 14
25. Last day of fall quarter Tues., Dec. 14
(NOTE: Formal graduation ceremony will be
held Tuesday, December 14, 1993, at 7:30 p.m.)

WINTER QUARTER 1994

1. Preregistration for winter quarter (current and previous
AUM students only; 8 A.M.--3 P.M. by invitation only;
3:30 P.M.--6 P.M., Open preregistration) Fri., Nov. 19
2. Student housing fee (winter quarter) due Wed., Dec. 1
3. Extended preregistration (8 A.M.--5 P.M.,
Monday through Friday) Mon., Nov. 22-Fri., Dec. 10
4. Last day to pay for preregistration (by 5 P.M.) Fri., Dec. 10

AUBURN UNIVERSITY AT MONTGOMERY

5. Schedule adjustment day (only for those students who have preregistered and paid--no registration conducted) Mon., Jan. 3
6. New undergraduate student orientation (by invitation) Mon., Jan. 3
7. Final registration (8 A.M.--6 P.M.) Tues., Jan. 4
8. Late registration fee begins Wed., Jan. 5
9. Regular classwork begins:
 - Monday/Wednesday classes Wed., Jan. 5
 - Tuesday/Thursday classes Thurs., Jan. 6
 - Weekend classes Sat., Jan. 8-Sun., Jan. 9
10. Last day to register/add classes Tues., Jan. 11

(NOTE: After the second scheduled class period starts, or after the first scheduled class period for classes that meet once per week, prior written permission of the dean of the school in which the course is offered is required to register or add a class.)

11. Schedule adjustment fee begins Wed., Jan. 12
12. Martin Luther King, Jr./Robert E. Lee Birthday holiday Mon., Jan. 17
13. Last day for refunds Tues., Jan. 18
14. Monday/Wednesday classes also meet at regular class periods Fri., Feb. 4
15. Last day to apply for winter quarter graduation Fri., Feb. 4
16. Last day to drop/resign winter quarter classes (Completed forms must be turned in and processed by the Records Office by 5 P.M.) Fri., Feb. 11
17. Winter quarter graduation work sheets (from advisors) due in Records Office Fri., Feb. 18
18. Preregistration for spring quarter (current and previous AUM students only; 8 A.M.-3 P.M. by invitation only; 3:30 P.M.-6 P.M. open preregistration) Fri., Mar. 4
19. Extended preregistration for spring quarter Mon., Mar. 7-Fri., Mar. 18
20. Last day of classes:
 - Weekend classes Sat., Mar. 5-Sun., Mar. 6
 - Monday/Wednesday classes Wed., Mar. 9
 - Tuesday/Thursday classes Thurs., Mar. 10
21. Final examinations (see examination schedule for weekday classes) Sat., Mar. 12-Thurs., Mar. 17
22. Graduating students' grades and all requirements for graduation due and completed by 12 noon Mon., Mar. 21
23. All grades due in Records Office by 5 P.M. Mon., Mar. 21
24. Graduation effective this date Tues., Mar. 22
25. Last day of winter quarter Tues., Mar. 22

(NOTE: Formal graduation ceremony will be held Tuesday, March 22, 1994, at 7:30 P.M.)

SPRING QUARTER 1994

1. Student housing fee (spring quarter) due Tues., Mar. 1
2. Preregistration for spring quarter (current and previous AUM students only; 8 A.M.-3 P.M. by invitation; 3:30 P.M.--6 P.M. Open preregistration) Fri., Mar. 4
3. Extended preregistration (8 A.M.-5 P.M., Monday through Friday) Mon., Mar. 7-Fri. Mar. 18
4. Last day to pay for preregistration (by 5 P.M.) Fri., Mar. 18
5. New undergraduate student orientation (by invitation) Wed., Mar. 23
6. Schedule adjustment day (only for those students who have preregistered and paid--no registration conducted) Thurs., Mar. 24
7. Final registration (8 A.M.-6 P.M.) Fri., Mar. 25
8. Late registration fee begins Mon., Mar. 28
9. Regular classwork begins:
 - Weekend classes Sat., Mar. 26-Sun. Mar. 27
 - Monday/Wednesday classes Mon., Mar. 28

AUBURN UNIVERSITY AT MONTGOMERY

	Tuesday/Thursday classes	Tues., Mar. 29
10	Last day to register/add classes (NOTE: After the second scheduled class period starts, or after the first scheduled class period for classes that meet once per week, prior written permission of the dean of the school in which the course is offered is required to register or add a class.)	Thurs., Mar. 31
11	Schedule adjustment fee begins	Fri., Apr. 1
12	Last day for refunds	Fri., Apr. 8
13	Monday/Wednesday classes also meet at regular class periods	Fri., Apr. 22
14	Last day to apply for spring quarter graduation	Fri. Apr. 22
15	Tuesday/Thursday classes also meet at regular class periods	Fri., Apr. 29
16	Last day to drop/resign spring quarter classes (completed forms must be turned in and processed by the Records Office by 5 P.M.)	Fri., Apr. 29
17	Graduation work sheets (from advisors) due in Records Office	Fri., May 13
18	Preregistration for summer quarter (current and previous AUM students only; 8 A.M.-3 P.M. by invitation only; 3:30 P.M.--6 P.M. open preregistration)	Fri. May 20
19	Extended preregistration for summer quarter	Mon., May 23-Fri., June 3
20	Last day of classes: Weekend classes Monday/Wednesday classes Tuesday/Thursday classes	Sat., May 21-Sun., May 22 Wed., May 25 Thurs., May 26
21	Final examinations (see examination schedule for weekday classes)	Sat., May 28-Thurs., June 2
22	Graduating students' grades and all requirements for graduation due and completed by 12 noon	Fri., June 3
23	All grades due in Records Office by 5 P.M.	Fri., June 3
24	Graduation effective this date	Sat., June 4
25	Last day of spring quarter	Sat., June 4

(NOTE: Formal graduation ceremony will be held Saturday, June 4, 1994, at 7:30 P.M.)

SUMMER QUARTER 1994

1.	Student housing fee (summer quarter) due	Mon., May 16
2.	Preregistration for summer quarter (current and previous AUM students only; 8 A.M.-3 P.M. by invitation only; 3:30 P.M.-6 P.M. open preregistration)	Fri., May 20
3.	Extended preregistration (8 A.M.-5 P.M., Monday through Friday)	Mon., May 23-Fri., June 3
4.	Last day to pay for preregistration (by 5 P.M.)	Fri., June 3
5.	New undergraduate student orientation (by invitation)	Wed., June 8
6.	Schedule adjustment day (only for those students who have preregistered and paid--no registration conducted)	Thurs., June 9
7.	Final registration (8 A.M.--6 P.M.)	Fri., June 10
8.	Regular classwork begins: Weekend classes Monday/Wednesday classes Tuesday/Thursday classes	Sat., Jun. 11-Sun., June 12 Mon., June 13 Tues., June 14
9.	Late registration fee begins	Mon., June 13
10.	Last day to register/add classes	Thurs., June 16

(NOTE: After the second scheduled class period starts, or after the first scheduled class period for classes that meet once per week, prior written permission of the dean of the school in which the class is offered is required to register or add a class.)

11.	Schedule adjustment fee begins	Fri., June 17
12.	Last day for refunds	Fri., June 24
13.	Independence Day holiday (no classes)	Sat., July 2-Mon., July 4

AUBURN UNIVERSITY AT MONTGOMERY

- | | |
|--|-------------------------------|
| 14. Last day to apply for summer quarter graduation | Fri., July 8 |
| 15. Monday/Wednesday classes also meet at regular class periods | Fri., July 15 |
| 16. Tuesday/Thursday classes also meet at regular class periods | Fri., July 22 |
| 17. Last day to drop/resign summer quarter classes
(Completed forms must be turned in and processed by the Records Office by 5 P.M.) | Fri., July 22 |
| 18. Summer quarter graduation work sheets (from advisors) due in Records Office | Fri., July 29 |
| 19. Preregistration for fall quarter (current and previous AUM students only; 8 A.M.-3 P.M. by invitation; 3:30 P.M.--6 P.M. open Preregistration) | Fri., Aug. 5 |
| 20. Extended preregistration for fall quarter | Mon., Aug. 8-Fri., Aug. 19 |
| 21. Last day of classes: | |
| Weekend classes | Sat., Aug. 6-Sun., Aug. 7 |
| Monday/Wednesday classes | Wed., Aug. 10 |
| Tuesday/Thursday classes | Thurs., Aug. 11 |
| 22. Early orientation for fall quarter | Fri., Aug. 12 |
| 23. Final examinations (see examination schedule for weekday classes) | Sat., Aug. 13-Thurs., Aug. 18 |
| 24. Graduating students' grades and all requirements for graduation due and completed by 5 P.M. | Fri., Aug. 19 |
| 25. All grades due in Records Office by 5 P.M. | Mon., Aug. 22 |
| 26. Graduation effective this date | Tues., Aug. 23 |
| 27. Last day of summer quarter | Tues., Aug. 23 |

(NOTE: Formal graduation ceremony will be held Tuesday, December 13, 1994, at 7:30 P.M.)

SUMMER QUARTER 1994 ADDENDUM FOR HALF QUARTER CLASSES

First Half

- | | |
|--|-------------------------------|
| 1. Classes begin | Mon., June 13 |
| 2. Schedule adjustment fee | Wed., June 15 |
| 3. Last day for refunds | Fri., June 17 |
| 4. Last day to drop | Tue., June 28 |
| 5. Independence Day holiday (no classes) | Mon., July 4 |
| 6. Final examinations | Wed., July 13-Thurs., July 14 |

Second Half

- | | |
|----------------------------|-------------------------------|
| 1. Classes begin | Mon., July 18 |
| 2. Schedule adjustment fee | Wed., July 20 |
| 3. Last day for refunds | Fri., July 22 |
| 4. Last day to drop | Tue., Aug. 2 |
| 5. Final examinations | Wed., Aug. 17-Thurs., Aug. 18 |

AUM FINAL EXAM SCHEDULE Fall 1993

	Mon Dec. 6	Tues Dec. 7	Wed Dec. 8	Thurs. Dec. 9	
8-11 A.M.	1st Period M-W	1st Period T-Th	2nd Period M-W	2nd Period T-Th	8-11 A.M.
1-4 P.M.	3rd Period M-W	3rd Period T-Th	4th Period M-W	4th Period T-Th	1-4 P.M.
6-9 P.M.	5th Period M-W	5th Period T-Th	6th Period M-W	6th Period T-Th	6-9 P.M.

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

AUM FINAL EXAM SCHEDULE

Winter 1994

	Mon Mar. 14	Tues Mar. 15	Wed Mar. 16	Thurs. Mar. 17	
8-11	2nd Period	2nd Period	1st Period	1st Period	8-11
A.M	M-W	T-Th	M-W	T-Th	A.M.
1-4	4th Period	4th Period	3rd Period	3rd Period	1-4
P.M	M-W	T-Th	M-W	T-Th	P.M.
6-9	6th Period	6th Period	5th Period	5th Period	6-9
P.M	M-W	T-Th	M-W	T-Th	P.M.

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

AUM

FINAL EXAM SCHEDULE

Spring 1994

	Mon May 30	Tues May 31	Wed June 1	Thurs. June 2	
8-11	1st Period	1st Period	2nd Period	2nd Period	8-11
A.M	M-W	T-Th	M-W	T-Th	A.M.
1-4	3rd Period	3rd Period	4th Period	4th Period	1-4
P.m	M-W	T-Th	M-W	T-Th	P.M.
6-9	5th Period	5th Period	6th Period	6th Period	6-9
P.M	M-W	T-Th	M-W	T-Th	P.M.

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

AUM

FINAL EXAM SCHEDULE

Summer 1994

	Mon Aug. 15	Tues Aug. 16	Wed Aug. 17	Thurs. Aug. 18	
8-11	2nd Period	2nd Period	1st Period	1st Period	8-11
A.m	M-W	T-Th	M-W	T-Th	A.M.
1-4	4th Period	4th Period	3rd Period	3rd Period	1-4
P.M	M-W	T-Th	M-W	T-Th	P.M.
6-9	6th Period	6th Period	5th Period	5th Period	6-9
P.M	M-W	T-Th	M-W	T-Th	P.M.

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
	Decision Science	QM
	Economics	EC
	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	Early Childhood Education	ECE
	Elementary Education	EED
	Physical Education	HPE
	Art Education (N-12)	ATE
	Speech/Theatre (N-12)	SCE
	Secondary Education	
	Biology	SBI
	Chemistry	SCH
	English	SEH
	History	SHY
	Language Arts	SLA
	Mathematics	SMH
	Political Science	SPO
	Psychology	SPG
	Social Studies	SSS
	Sociology	SSY
	Special Education	
	Mental Retardation	SMR
	Speech Pathology	SSP
	Early Childhood Handicapped	ECH

SCHOOL OF LIBERAL ARTS

Degree	Curriculum Identifier		
B.A./Sociology	Anthropology	ANT	
B.A./Fine Arts	Art		FA
	Theatre	FAT	
B.G.S	Bachelor of General Studies	BGS	
B.A./English	English	EH	
	Pre-Law	EHL	
	General Curriculum Arts	GCA	
B.A./History	History	HY	
	Pre-Law	HYL	
B.A./International Studies	International Studies	IN	
B.A./Communication	Communication	COM	
B.A./Sociology	Sociology	SY	

SCHOOL OF NURSING

Degree	Curriculum Identifier	
B.S.N	Pre-Nursing	PNU
	Nursing	NUR

(Must be admitted to Upper Division by the School of Nursing.)

SCHOOL OF SCIENCES

Degree	Curriculum Identifier	
B.S./Biology	Biology	BI

AUBURN UNIVERSITY AT MONTGOMERY

	Biological Science	BBS
	Environmental Studies	BES
	Laboratory Technology	BLT
	Marine Environmental Sciences	MES
	Microbiology	BMB
	Pre-Medicine	PMB
	General Curriculum Sciences	GCS
B.S./Justice and Public Safety	Justice and Public Safety	JP
	Pre-Law	JPL
B.S./Mathematics	Mathematics	MH
	Engineering Option	MHE
	Computing Option	MHC
	Pre-Medicine	PMM
B.S./Biology	Medical Technology	MTY
B.S.F Physical Science	Physical Science	PHS
	Chemistry Option	CH
	Pre-Medicine	PMP
B.S./Political Science	Political Science	PO
	Pre-Law	POL
	Pre-Engineering	PEN
	Pre-Medicine	PM
	Pre-Pharmacy	PPH
	Pre-Veterinary Medicine	PVM
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 Guy Hunt, Governor, President

(ex officio)

Montgomery

Dr. Wayne Teague, State Superintendent of Education

(ex officio)

Montgomery

Name	District	Home
	Term Expires 1995	
Robert E. Lowder	Second	Montgomery
R.C. Bamberg	Sixth	Uniontown
James T. Tatum, Jr	Eighth	Huntsville
	Term Expires 1999	
Bessie Mae Holloway	First	Prichard
William James Samford	Third	Opelika
John Denson	Third	Opelika
Emory Cunningham	Ninth	Birmingham
	Term Expires 2003	
Jack Venable	Fourth	Tallassee
Lowell Barron	Fifth	Fyffe
Charles Grant Glover	Seventh	Cullman

ADVISORY BOARD

A. Bowen Ballard
James Barganier
Newton J. Bell III
J. Marvin Carroll
George B. Clements
M. Taylor Dawson, Jr., Chairman
James M. Folmar
Marjorie Garzon
James L. "Soup" Goyer, Jr.
Robert B. Ingram, Jr.
Mrs. John G. Kimbrough
Jack J. Kirschenfeld
E. Kyle Kyser, Vice Chairman
James L. Loeb
William H. McLemore
Mrs. Jerome T. Moore
Melbourne Stebbins
Robbins Taylor
Robert S. Weil II
John H. Winston, Jr.
Clyde H. Wood
Ida Belle Young
Larry Dixon, ex officio
Terry Everett, ex officio
Emory Folmar, ex officio
Phillip Gregorowicz, ex officio
William Joseph, ex officio
Robert E. Lowder, ex officio
Ernest G. Sievers, ex officio
Claude Walker, ex officio

Advisory Board Members Emeriti

D. Joseph McInnes
Mrs. Eunice Davis McNeill
Charles Smith III
Will Hill Tankersley
C.E. Weldon, Jr.
Milton A. Wendland

ADMINISTRATIVE COUNCIL

Muse, William V., President B.S., Northwestern State University; M.B.A., Ph.D., University of Arkansas	1992
Williams, James O., Chancellor B.S., M.Ed., Ed.D., Auburn University	1969
Barnett, Kathryn, Dean, School of Nursing R.N., Parkland Memorial Hospital; B.S., George Peabody College; M.S., University of Colorado; Ph.D., North Texas State University	1979
Boyer, Joe L., Assistant to the Chancellor B.S., Tennessee State University; M.S., University of Illinois-Champaign-Urbana; Ph.D., Ohio State University	1989
Budden, Michael C., Dean, School of Business B.S., Louisiana State University; M.B.A., Southeastern Louisiana University; Ph.D., University of Arkansas	1988
Chapman, Larry F., Director, Athletics B.S., M.Ed., Auburn University	1977
Cook, Jerry T., Director, Physical Plant B.S., Auburn University	1986
Deaton, William, Dean, School of Education B.S., Albany State College; M.S.Ed., Ph.D., University of Kansas	1992
Dunlavy, Darold, Vice Chancellor for Student Affairs B.A., M.Ed., University of Montevallo	1971
Gregorowicz, Phillip, President, Faculty Council B.A., M.A., Ph.D., Northern Illinois University	1980
Hill, Joseph B., Dean, School of Sciences B.A., M.A., Washington State University; Ph.D., Auburn University	1969
Johnston, James K., Vice Chancellor for Finance B.S., M.Ed., Auburn University	1990
Kenny, James T., Vice Chancellor for Research and Development B.A., Ricker College; M.A., Kent State University; Ph.D., University of Denver	1985
Meriwether, Sherri G., Director, University Relations B.S., Troy State University; M.P.A., Auburn University at Montgomery	1983
Michael, Marion C., Dean, School of Liberal Arts B.A., University of Georgia; M.A., University of Virginia; Ph.D., University of Georgia	1982
Miller, Nancy B., President, Staff Council	1986
Nance, Guinevera A., Vice Chancellor for Academic Affairs B.A., Texas Christian University; M.A., Ph.D., University of Virginia	1971
Pettas, William A., Dean, Library B.A., University of Buffalo (SUNY); M.L.S., Rutgers University; Ph.D., University of California-Berkeley	1989
Pollard, Dempsey, Director, Auxiliary Enterprises B.S., Huntingdon College	1973
Shook, Rose, Director, Personnel Services B.S., Central Michigan University; M.A., Andrews University; M.S.A., University of Notre Dame	1987
Woodman, Nancy C., Director, Institutional Advancement B.A., Hendrix College; M.S., University of Arkansas; Ph.D., University of Mississippi	1981

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;
2. 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 OF THE UNIVERSITY

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 of 1968, Dr. H. Hanly Funderburk, Jr., was appointed vice president and chief administrator of the new institution called Auburn University at Montgomery. 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 and Saturday 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, 1992, was 6,500. 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 90,000 square feet of space, houses the School of Sciences, the Fine Arts Department, and the Art Gallery.

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. This building contains faculty offices, classrooms, and laboratories.

The Library and the University's administrative offices are situated in the 100,000 square foot 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's Office, the Housing and Residence Life Office, the Registrar's Office, ROTC, SGA, 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 library tower. The Library collections contain about 225,000 print volumes and 1,500 serial subscriptions. The Library also has extensive collections of microforms, a growing collection of manuscripts and archival materials, and several databases on CD ROM. The CD ROM databases provide indexes to many academic journals, information on 12,000 public corporations in the United States, and U.S. census data. There is a computer link to the library catalog of Auburn University in Auburn. The Library is the federal government documents depository for the southeast Alabama region, with over one million publications dating from the mid-nineteenth century to the present. The Library supplements these resources by interlibrary loan and on-line search 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), SOLINET (Southeast Library Network), and MAHIC (Montgomery Area Health Information Consortium).

The Library faculty offers bibliographic instruction for upper level classes to assist students in completing research. The faculty and staff also provide individual assistance to students in finding information, using electronic 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, typing rooms, 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 78 hours each week during quarters.

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 the physically challenged 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 just south of the entrance to Humana Hospital on Taylor Road. 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 and Residence Life Office.

SCHOLARSHIPS

AUM merit scholarships were awarded for the 1992-1993 year with funds available from the following:

AUM Alumni Association AUM Bookstore
AUM Department of Mathematics Faculty Honor Scholarships
AUM Scholarship Endowment Fund
AUM School of Business
AUM School of Sciences AUM Senators Club
AUM Staff Council
AUM Vending Operations Aldridge Borden and Company
Alpha Delta Kappa, Alabama Alpha Iota Chapter (Emily Milner Memorial Scholarship and Annie Mae Morriss Honor Scholarship)
Alpha Gamma Delta (Betty Lynn Hall Memorial Scholarship)
American Legion Auxiliary
American Society of Women Accountants
The Ballard Company Bank of Prattville
Baptist Health Care Foundation (Mead Scholars Program and Howard S. Durden Scholarship)
Barber Pure Milk Company
The Bedsole Foundation
The Blount Foundation
Clara B. and Ben C. Brewer Memorial Scholarship
Charles M. Brightwell Memorial Scholarships
John and Joyce Caddell
Central Bank of the South
Missy Chappelle Memorial Scholarship
Community Hospital of Tallassee (Ocie C. Haynie Memorial Scholarship)
Dallas County Scholarships
William S. and Judith Dinerman Memorial Scholarship
Durr-Fillauer Medical Foundation James M. Folmar
Mr. and Mrs. Emil Hess John O. Hope
Humana-Montgomery Hospital Auxiliary INFORMS, Inc.
International Security Management Association
J.J. Kirschenfeld, M.D.
License-to-Learn Vanity Tag Program
Mr. and Mrs. James L. Loeb
Edward L. Lowder Memorial Scholarship
Dr. and Mrs. Stuart May
Nelle and Roy Michael Memorial Scholarship
Montgomery-Autauga Medical Auxiliary (Clyde Grant Endowed Scholarship and School of Nursing Endowed Scholarship)
Montgomery County Medical Society
Montgomery Electrical Contractors' Association (Frank Edward Mosley Memorial Scholarship)
Dr. Irma Bentley Moore
Murkett Family International Fellow Parisian ,
Margarita Pepe Memorial Scholarship
Pike Road Civic Club Billie Pirnie
Frank and Betsy Plummer Memorial Scholarships
Betty Hood Poorman Memorial Scholarship in Art
Robbins-Gioia, Inc.
Jimmy and Emma Lou Rouse SouthTrust Bank
Storer Cable Communications
Lee Story Memorial Scholarship
Allie Harper Strickland
Thompson Tractor Company
Title III Endowment Grant
Tomczak Memorial Scholarships
Union Camp Corporation
United Daughters of the Confederacy
George E. and Suzanne B. von Gal Memorial Scholarship Fund
Benjamin B. Williams MLA Scholarship
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 cover the cost of tuition 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 Mr. James Berry, 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.

Grants-in-aid for the 1992-1993 academic year were awarded from the following:

A.H.B. Foundation
Air Force Sergeants Association
Alabama Department of Education
Alabama Federation of Business and Professional Women's Clubs
Alabama Power Foundation
American Business Women's Association,
Alamont Chapter
American Business Women's Association, Mobile Bay Chapter
American Business Women's Association, Montala Chapter
American Quarter Horse Foundation
Andalusia Health Services, Inc.
Baptist Foundation of Alabama
Bibb County High School
Mildred Weedon Blount Foundation
Bruno's
Bryant-Jordan Scholar Athlete Program
Business and Professional Women's Club, Autauga County
Business and Professional Women's Club, USA
Central Alabama Community College
Chick-fil-A, Inc. Civitan International
Clark County Education Association
College Scholarship Service
Mildred J. Combs
Covington County Junior Miss, Inc.
Crenshaw County Junior Miss Committee
Crestview Baptist Church
Kenneth K. Dyess
Farrens Tree Surgeons
First Baptist Church of Glenarden
First Lowndes Bank
Frazer Memorial United Methodist Church
E.L. Gibson Foundation
Greater Montgomery Men's Bowling Association
John Rogers Howard Trust

AUBURN UNIVERSITY AT MONTGOMERY

Elizabeth D. Leckie Scholarship Fund
Robert E. Lee PTSA
Lowndes County Public Schools
Masonex International, Inc.
Penolia McCord-Mattison
Millbrook BPW Club
Miss Alabama Scholarship Organization Fund, Inc.
Mobile Community Foundation
Montgomery Advertising Federation, Inc.
Montgomery Chapter, Institute of Management Accountants
Montgomery County Federation of Women's Clubs Morrison, Inc.
National Association of Secondary School Principals
New Cherokee Corporation
Opp and Micolás Mills, Inc.
Hensel Phelps Construction Company
Pilot Club of Prattville, Inc.
Pintlala Baptist Church Foundation, Inc.
Arthur and Jessie R. Rhoads Education Trust Fund
Roadway Package System, Inc.
Benjamin and Roberta Russell Foundation
Sam's Scholarship Program
John C. Scott
Selma District Board of Missions
Simpson Foundation
Mr. and Mrs. James C. Smedley
Mr. Freeman M. Smith
South Carolina Foundation of Independent Colleges
Union High Alumni
Booker T. Washington Alumni Association
Winn-Dixie Montgomery, Inc.
Winn-Dixie Stores, Inc.

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 financial obligations when due. Auburn University at Montgomery reserves the right to deny admission or to drop any student who fails to promptly meet financial obligations to the University. It is each student's responsibility to be informed of all registration and fee payment dates, deadlines, and other requirements by referring to the official university calendar. When necessary, students should inform their parents of the deadline dates and the necessity for meeting them.

CHECKS

Checks given in payment of fees and charges are accepted subject to final payment. If the student's bank does not honor the demand for payment and returns the check unpaid, the student will be assessed the late penalty of \$15; and if payment is not cleared promptly, the student's registration may be cancelled.

Stop-pay checks will be processed as returned checks and are 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.

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.

Full-time students (12-20 hours or more)	\$600
Additional fee (per hour over 20 hours)	\$21
Full-time non-resident fee (12-20 hours)	\$1,800
Additional fee (per hour over 20 hours)	\$63
Part-time students (not exceeding 11 hours per quarter)	
Course fee (per credit hour)	\$46
Registration fee	\$48
(The \$48 registration fee is waived for full-time faculty and staff members.)	
Part-time non-resident students (not exceeding 11 hours per quarter)	
Course fee (per credit hour)	\$138
Registration fee	\$48

STUDENT HOUSING FEES

Security deposit (refundable with conditions)	\$100
West Area	
One-bedroom apartment for two students	\$530/qtr./person
Two-bedroom apartment for four students	\$480/qtr./person
One-bedroom apartment for married couple	\$1,060/qtr.
East Area	
One-bedroom apartment for two students	\$690/qtr./person
One-bedroom apartment for married couple	\$1,380/qtr.

OTHER FEES

Clearing for graduation fee	\$48
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.	

AUBURN UNIVERSITY AT MONTGOMERY

Graduation fee	\$35
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Payable at the time of application for graduation.
Transferred to any subsequent quarter or refundable
if student fails to qualify for graduation.

Nonrefundable service and penalty charges for late registration or payment	\$30
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Audit fee (per course)	\$45
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Any student who pays less than full fees must
pay this fee for auditing a course.

Schedule adjustment fee	\$20
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Charge is made in all cases where student is not required by the University to change, but has the dean's
approval to do so after classes begin.

Transcript fee	\$3
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REGISTRATION FEE CANCELLATION OR REFUNDS

Students resigning by the last day for refunds are eligible for a refund of all fees paid, except \$48, which is
retained by AUM.

Students resigning because of personal illness or call to military service may be eligible for a refund of all
fees paid, except \$48, 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's 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.

NOTE: A student must be enrolled for a minimum of 12 hours to be considered a full-time student.

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. An undergraduate student may apply if she or he is enrolled on at least a half-time (6 hours) basis. 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's Office actually makes the grant disbursements.
2. **Federal Supplemental Education Opportunity Grants (SEOG):** 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 College Work-Study (CWS) 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 six 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.
The Federal Perkins Loan is for both undergraduate and graduate students.
5. **Federal Stafford Loans:** This program enables a student to borrow directly from a bank, credit union, savings and loan association, or any other participating lender that is willing to make the loan. 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 9%. The total allowed for undergraduate school is \$23,000.
6. **Federal Unsubsidized Loans:** This program is intended for those student borrowers who do not qualify for federal interest benefits. Students borrow directly from a bank, credit union, savings and loan association, or any other participating lender that is willing to make the loan. 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 9%. 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 taking 12 hours or more 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 three months 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

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, 7300 University Drive, Montgomery, Alabama 36117-3596.

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 rectified 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.

ADMISSIONS

APPLICATION

Application for admission to any undergraduate school or curriculum of the University must be made to the Admissions Office, Auburn University at Montgomery, 7300 University Drive, Montgomery, Alabama 36117-3596. 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 \$15 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 will 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 is a citizen of the United States or a resident alien and who has 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" will mean a person applying for admission to the institution if the applicant is married or 19 years of age; or otherwise, it will 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.

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

Additional Persons Eligible for Resident Tuition

- A. Military personnel on active duty stationed in Alabama and their dependents (as defined by Internal Revenue Codes) as well as military personnel whose "Home of Record" is Alabama and their dependents.
- B. Non-resident graduate students who hold assistantships of one-fourth or more appointments.
- C. Full-time employees of a state agency or institution and their spouses and/or dependent children.
- D. Persons who are dependents of a non-resident who has been employed in Alabama full time for at least one year prior to registration and who 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.
- E. 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.
- F. Persons whose spouses by legal marriage are bona fide Alabama residents.
- G. Dependents and spouses of persons who establish domicile within the state and who are employed full time in a permanent position in the state.
- H. Non-resident persons enrolled in programs of Auburn University at Montgomery not funded by tax revenues of the state of Alabama may be exempted from non-resident tuition.

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 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 one full academic year of their most previous 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 one full academic year must establish eligibility upon re-enrollment.

Students initially classified as ineligible for resident tuition will retain that classification for tuition purposes until they provide documentation that they have qualified for resident tuition. 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) for students at Auburn University at Montgomery will be presumed to be in the state primarily for the purpose of gaining an education. 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. At least five of the eight criteria must be met. In all cases the person must be 19 years of age or more or married; otherwise, the person's residency will be based on that of the parent or guardian.

- A. Ownership of residential property and other real property in the state or continuous occupation or renting of an apartment, house, or other residential space in the state on an extended term of not less than 12 months.
- B. Full-time permanent employment in the state.
- C. Possession of state licenses required to do business or practice a profession in Alabama.
- D. Marriage to a bona fide Alabama resident.
- E. Location of voting registration.
- F. Filing Alabama resident tax returns.
- G. Current Alabama driver's license.
- H. Alabama vehicle title registration and payment of property taxes.

The Director of Admissions shall have the responsibility for determining whether a student is classified as an Alabama or non-Alabama student. Upon written request of the applicant, the decision of the Director of Admissions is subject to review by the Chancellor or a designated representative.

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. Also, the international student should be proficient in English. English proficiency is determined by satisfactory results on the Test of English as a Foreign Language (TOEFL), offered by the Educational Testing Service. The student must submit satisfactory results on the Scholastic Aptitude Test, also offered by the Educational Testing Service. International students attending AUM on an F-1 Student Visa will be required to pay non-resident fees (see Fees and Charges).

International students first should send all of their academic credentials to the Admissions Office for evaluation. If they appear to be qualified and show promise of success in their chosen fields of study, they will then be asked to make formal application. For additional information, prospective students should write to the Director of Admissions, Auburn University at Montgomery, 7300 University Drive, Montgomery, Alabama, 36117-3596.

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 Scholars Program, the University's honor program. See AUM Scholars 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 \$15 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, 7300 University Drive, Montgomery, Alabama 36117-3596.

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 defined as disabled in Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990. Specifically, the Center for Special Services provides evaluation of individual needs, assistance in determining reasonable accommodations, and appropriate support for academic programs of persons identified as disabled.

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 Assistant to the Chancellor at 244-3778 or to the Director of Campus Services at 244-3260. 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 Pre-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 Mr. Darold Dunlavy, Vice Chancellor for 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 Development, 244-3279. 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.

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, 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 Accounting, Admissions, Bookstore, Finance, Financial Aid, Housing, Library, Records, or Security.

DISCIPLINE

1. Each student, by act of registration, obligates himself or herself to conform to all rules and regulations of the University.
2. 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, world history, natural or physical science, and mathematics to be taken during the lower-division years, primarily at the freshman level. A certain number of hours must also be completed in elective courses lying outside the student's major area. These are to be completed, in part at least, during the upper-division years.

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.

Requirement	Hours	Option
English Composition EH 101-102 (5-5)	10	None
World History HY 101-102 (5-5)	10	None
Natural or Physical Sciences	Minimum of 10	None
Mathematics	Minimum of 5	None
Electives	Minimum of 20	

A minimum of 20 hours of liberal education studies are to be taken by each student; these will consist of course work in two broad academic areas other than that in which the major lies (humanities and fine arts, social sciences, mathematics, and natural science), with no less than one course in each area.

The minimum university requirements for all students are listed above; 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.

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 "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.

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 the above 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 12 hours or more and members of the faculty 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

In arranging a student's work for each year, the dean may require scheduling of back work of the lower-division class or classes. If this work creates a serious hardship on the student, the dean may make 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 the AUM Registration Form has been accepted at the time fees are paid or an arrangement has otherwise been made with the AUM Cashier's Office.

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 dean of the school 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 dean of the school 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 midpoint of the quarter. This date is specified in the quarter calendar. In order to withdraw before the deadline, the student must obtain the appropriate form and complete the process as prescribed by the Records Office. After the last day for refunds, the form must be signed by the instructor of the course or, in the unusual circumstance of an instructor's unavailability, by the dean of the school in which the course is being taught. A schedule adjustment is officially recognized when the completed form is returned to the Records Office and signed by a Records Office staff member, who returns one copy to the student and retains one copy. It is the student's responsibility to ensure that all steps of the withdrawal process have been completed by the deadline. When this process is completed, a grade of "W" (Withdrawal) will be recorded.

When a student, as a result of exceptional or emergency circumstances, is forced to withdraw from a course after the established withdrawal date for the quarter, the student may petition, in writing, the dean of the school in which the course is offered for a grade of "W." 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, S, U, I, W, FA, 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
F	=	failure and 0 quality points
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
I	=	incomplete and 0 quality points
W	=	withdrawal and 0 quality points, but the hours attempted are not included in grade point average determinations
FA	=	failure due to absence and 0 quality points
AU	=	audit with 0 quality points and 0 hours attempted
NR	=	no grade reported

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 resident quarter shall be changed to "F" by the Registrar unless an extension is approved by both 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 Registration Only" in the Records Office.

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 recording 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 are divided by the number of hours attempted (less those hours in which a grade of "S" or "U" is achieved).

Dean's List

A full-time student (minimum of 12 quarter hours) 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 Scholars Program, the University's honors program. See AUM Scholars 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 the total number of hours attempted at AUM, multiplied by two, exceed grade points earned by more than 25 except that no entering freshman will be placed on probation on the basis of the first quarter's work at the University. "S" and "U" grades will not be counted as hours attempted.

Clearing Probation

A student may clear a probation by reducing the grade point deficiency to fewer than 25 grade points.

Academic Suspension

A student will be placed on academic suspension when the number of hours attempted at Auburn University at Montgomery, multiplied by two, exceeds grade points earned by more than 45. However, a student will not be suspended at the end of the quarter in which a 2.0 ("C") average was earned, but will be continued on probation. "S" and "U" grades will not be included as hours attempted. Academic suspension will be for a period of two quarters, Summer Quarter being counted as any other quarter. A student will be readmitted 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 when the number of hours attempted at AUM, multiplied by two, exceeds grade points earned by more than 45. "S" and "U" grades will not be included as hours attempted. Indefinite suspension is for at least four quarters, and the student can be readmitted only by special approval of the Admissions Committee on the basis of adequate evidence of the student's ability, maturity, and motivation.

A student readmitted on academic probation after a suspension will not be placed on academic or indefinite suspension again if he or she earns a GPA of at least 2.0 ("C" average) in each quarter of residence, even though the deficiency is greater than 45 points.

If a final suspension decision cannot be made because of deferred grades or the resolution of Incomplete 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 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 grades are not forthcoming 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.

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.

RESIDENCE REQUIREMENT

A minimum of 45 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 45 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 Cashier's Office on any weekday between 8 a.m. and 5 p.m., Monday through Friday. The application is then taken by the student to the Record's Office. A fee of \$35 must be paid at this time. 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 of a "C" average (either at AUM or as transfer credit). See the section on English requirements in this catalog.
3. Complete the 35 hours of composition, history, science, and mathematics 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 above requirements 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 45 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 (45 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 109 Business; telephone 244-3391).

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

SCHOOL OF BUSINESS

Dr. Michael C. Budden, Dean

Accounting

Decision Science

Economics

Finance

General Business

Human Resource Management Information Systems Management

Marketing

SCHOOL OF BUSINESS

In furtherance of 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.

The following undergraduate and master's programs offered by the School of Business, Auburn University at Montgomery, have achieved business accreditation by the American Assembly of Collegiate Schools of Business (AACSB): B.S.B.A. (Majors in Accounting, Finance, Decision Science, Information Systems, Management, Human Resource Management, Marketing, Economics, and General Business) M.B.A.

M.B.A. (Options in Accounting, Personnel Management, Information Systems, Finance, and Nursing Administration)

UNDERGRADUATE PROGRAMS

The School of Business curricula are designed to provide the student with a broad liberal education foundation 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, Decision Science, Economics, Finance, Information Systems, Management, Marketing, or Human Resource Management.

The respective programs are composed of the following:

1. A broad core of lower division courses which comply with the University Liberal Education Program as stated in the AUM catalog. Business courses required in addition to this core are as follows:
 - AC 201 Introductory Accounting I
 - AC 202 Introductory Accounting II
 - AC 203 Essentials of Management Accounting
 - EC 201 Economics I
 - EC 202 Economics II
 - IS 207 Introduction to Management Information Systems
 - MN 241 Business Law
 - QM 274 Business Statistics I
2. A business core curriculum consisting of the following courses:
 - EH 306 Business and Professional Writing
 - FI 361 Financial Management I
 - MN 310 Principles of Management
 - MN 340 Business and Society
 - MN 346 Organizational Theory and Behavior
 - MN 480 Business Policy
 - MT 331 Principles of Marketing
 - QM 374 Business Statistics II
 - QM 385 Production Management
3. Academic courses, in some areas of specialization, that provide a depth of understanding in a specific field of business.

All curricula within the School of Business require a total of 200 quarter hours for graduation. A minimum of 80% of courses required in the major area must be taken in residence at AUM. Successful completion of this program will lead to the degree Bachelor of Science in Business Administration. Nonbusiness students may not use more than 50 quarter hours of business courses for graduation purposes. To enroll in 300- or 400-level business courses, students must have achieved junior standing and completed all the requirements of the Freshman and Sophomore Curriculum designated below (except electives). Exceptions must be approved by the Dean, School of Business.

MN 480 (Business Policy) integrates knowledge gained throughout the undergraduate business curriculum. MN 480 must be completed at Auburn University at Montgomery unless specific prior approval is granted by the Dean, School of Business. Further, enrollment in this course requires prior completion of all other business core courses (EH 306, FI 361, MN 310, MN 340, MN 346, MT 331, QM 374, and QM 385).

Grades below "C" in upper division major subjects are not acceptable for graduation.

Courses considered developmental in nature may not be used to fulfill the graduation requirements.

FRESHMAN AND SOPHOMORE CURRICULUM

Each student will follow the same curriculum during the freshman and sophomore years. This group of courses is designed to provide the student with a broad liberal education before beginning a more intensive study of the functional areas of business.

Course	Hours
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 151 Survey of Calculus & Linear Algebra	5
PG 211 General Psychology	5
Philosophy Elective	5
COM 101 Introduction to Human Communication	5
Natural Science	5
Natural Science	5

Course	Hours
AC 201 Intro. Accounting I	4
AC 202 Intro. Accounting II	4
AC 203 Essentials of Management Accounting	4
EC 201 Economics I	5
EC 202 Economics II	5
IS 207 Intro. to MIS	5
MN 241 Business Law	4
QM 274 Business Stat. I	4
Art/Science Elective ^{2,3}	5
Art/Science Elective ³	5
Art/Science Elective	4

¹ Decision Science majors take MH 160-161.

² Accounting and Marketing majors take SY 201.

³ Information Systems majors take these electives during junior/senior years-IS 231 and IS 232 to be taken in these slots.

DEPARTMENT OF ACCOUNTING AND FINANCE

Junior and Senior Accounting Curriculum (AC)

The program in Accounting provides the student with broad training in the field of business and financial management. It requires a minimum of 10 accounting courses beyond Introductory Accounting and Essentials of Management Accounting. 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.

Students in this curriculum should follow the common curriculum for freshmen and sophomores in the School of Business.

AUBURN UNIVERSITY AT MONTGOMERY

Upper division (300- and 400-level) accounting courses with grades below "C" are not acceptable as prerequisites for accounting courses.

Course	Hours
AC 301 Intermediate Acct. I	5
AC 302 Intermediate Acct. II	5
AC 303 Intermediate Acct. III	5
AC 304 Income Tax Accounting	5
AC 320 Accounting Systems and Internal Control	5
AC 401 Cost Accounting	5
AC 404 Advanced Income Tax Accounting	5
AC 406 Auditing I	5
AC 407 Advanced Accounting	5
AC 409 Governmental and Nonprofit Accounting	5
EH 306 Bus. & Prof. Writing	5
FI 361 Financial Management I	5

Course	Hours
MN 310 Prin. of Management	4
MN 340 Business & Society	4
MN 342 Business Law II	5
MN 346 Org. Theory & Behavior	4
MN 480 Business Policy	5
MT 331 Prin. of Marketing	5
QM 374 Business Statistics II	5
QM 385 Production Management	4

Junior and Senior Finance Curriculum (FI)

The program in Finance provides the student with the background required for entry into the area of business finance with banks, investment and advisory services, savings and loan associations, and other financial institutions and financial management careers.

Students in this curriculum should follow the common curriculum for freshmen and sophomores in the School of Business.

Course	Hours
EC 360 Money & Banking	5
EH 306 Bus. & Prof. Writing	5
FI 361 Financial Mgt. I	5
FI 362 Financial Mgt. II	5
FI 365 Fin. Inst. & Mkts	5
FI 460 Commercial Banking	5
FI 464 Intro. to Investments	5
FI 475 International Finance	5
FI Elective ¹	5
FI Elective ¹	5
FI Elective ¹	5
FI Elective ¹	5

Course	Hours
MN 310 Prin. of Management	4
MN 340 Business & Society	4
MN 346 Org. Theory & Behavior	4
MN 480 Business Policy	5
MT 331 Prin. of Marketing	5
QM 374 Business Statistics II	5
QM 385 Production Management	4
Business Elective ¹	5
Free Elective ¹	1

¹ Must be 300-400 level courses.

DEPARTMENT OF ECONOMICS

Junior and Senior Economics Curriculum (EC)

Economics majors in the School of Business, as with all others, are offered a curriculum that includes courses in the social and natural sciences as well as mathematics. Also included are courses that introduce them to the use of the computer and a wide range of business theory.

Students in the curriculum should follow the common curriculum for freshmen and sophomores in the School of Business.

Course	Hours
EC 410 Inter. Macroeconomics	5
EC 411 Inter. Microeconomics	5
EC 350 Labor Economics	5
EC 360 Money & Banking	5
EC 465 Public Finance	5
EC 470 International Econ	5
EH 306 Bus. & Prof. Writing	5
Economics Elective ¹	5
Economics Elective ¹	5
Economics Elective ¹	5

¹ Must be 300-400 level courses.

Course	Hours
FI 361 Financial Mgt. I	5
MN 310 Prin. of Management	4
MN 340 Business & Society	4
MN 346 Org. Theory & Behavior	4
MN 480 Business Policy	5
MT 331 Prin. of Marketing	5
QM 374 Business Statistics II	5
QM 385 Production Management	4
Business Elective ¹	5
Business Elective ¹	5

Junior and Senior

General Business Curriculum (GB)

The General Business option is designed for those students who do not wish to specialize in a specific area of business. It requires a minimum of courses in the School of Business and leaves the students free to select a number of courses through electives from other divisions in the University. A student completing this option should have a broad general education in business.

Students in this curriculum should follow the common curriculum for freshmen and sophomores in the School of Business.

Course	Hours
EH 306 Bus. & Prof. Writing	5
FI 361 Financial Mgt. I	5
MN 310 Prin. of Management	4
MN 340 Business & Society	4
MN 346 Org. Theory & Behavior	4
MN 480 Business Policy	5
MT 331 Prin. of Marketing	5
QM 374 Business Stat. II	5
QM 385 Production Management	4
Business Elective ¹	5

¹ Must be 300-400 level courses.

Course	Hours
Business Elective ¹	5
Business Elective ¹	5
Business Elective ¹	5
Business Elective ¹	5
Business Elective ¹	5
Business Elective ¹	5
Business Elective ¹	5
Free Elective	5
Free Elective	5
Free Elective	5

DEPARTMENT OF MANAGEMENT**Junior and Senior Management Curriculum (MN)**

The program of study in Management is designed to provide professional education and training for careers in the management and administration of business and economic affairs. The curriculum is concerned (1) with providing the student with a broad perspective of the organization and operation of the modern business enterprise, and (2) with developing the student's ability to make prudent decisions.

Students in this curriculum should follow the common curriculum for freshmen and sophomores in the School of Business.

Course	Hours	Course	Hours
EC 350 Labor Economics	5	MN 473 Logistics	
EH 306 Bus. & Prof. Writing	5	Management	5
FI 361 Financial Mgt. I	5	MN 480 Business Policy	5
MN 310 Prin. of Management	4	MT 331 Prin. of Marketing	5
HRM 315 Personnel		QM 374 Business Statistics II	5
Management	5	QM 385 Production	
MN 340 Business & Society	4	Management	4
MN 346 Org. Theory &		QM 475 Quan. Meths. of Mgt	5
Behavior	4	MN/HRM Elective ¹	5
HRM 444 Labor Relations	5	MN/HRM Elective ¹	5
MN 450 Issues in		Business Elective ¹	5
Management	5	Business Elective ¹	5
MN 470 International			
Business	5		

¹ Must be 300-400 level courses.

Junior and Senior**Human Resource Management Curriculum (HRM)**

The curriculum in Human Resource Management is designed to prepare students for managing personnel, industrial relations, and related activities in business and governmental organizations. It combines an academic background for work with employees and unions with a practical approach to solving problems in the human relations area.

Students in this curriculum should follow the common curriculum for freshmen and sophomores in the School of Business.

Course	Hours	Course	Hours
EH 306 Bus. & Prof. Writing	5	MN 480 Business Policy	5
FI 361 Financial Mgt. I	5	MT 331 Prin. of Marketing	5
HRM 315 Personnel		QM 374 Business Statistics II	5
Management	5	QM 385 Production	
HRM 355 Issues in HRM	5	Management	4
HRM 405 Labor Law & Leg	5	HRM Elective ¹	5
HRM 444 Labor Relations	5	HRM Elective ¹	5
MN 310 Prin. of Management	4	HRM Elective ¹	5
MN 340 Business and Society	4	HRM Elective ¹	5
MN 346 Org. Theory &		Business Elective ¹	5
Behavior	4	Business Elective ¹	5
MN 450 Issues in			

¹ Must be 300-400 level courses.

The following courses are approved HRM electives:

EC	350	Labor Economics
MN	367	Organizational Change and Development
HRM	360	Employee Selection, Placement, and Training
HRM	400	Compensation Management
HRM	455	Employment Law Seminar

DEPARTMENT OF MARKETING

Junior and Senior Marketing Curriculum (MT)

The curriculum in Marketing is designed to prepare the student for career endeavors in two important ways: (1) to give the student a general understanding of basic business subjects, and (2) to provide specialized training in the marketing field. It furnishes the education and training required by business firms which employ college graduates for professional programs in sales, merchandising, promotion, and marketing administration.

Students in this curriculum should follow the common curriculum for freshmen and sophomores in the School of Business.

Course	Hours
EH 306 Bus. & Prof. Writing	5
FI 361 Financial Mgt. I	5
MN 310 Prin. of Management	4
MN 340 Business & Society	4
MN 346 Org. Theory & Behavior	4
MN 480 Business Policy	5
MT 331 Prin. of Marketing	5
MT 436 Marketing Res. Meths	5
MT 441 Consumer Behavior	5
MT 478 Marketing Strategy	5

¹Must be 300-400 level courses.

Course	Hours
Marketing Elective ¹	5
Marketing Elective ¹	5
Marketing Elective ¹	5
Marketing Elective ¹	5
Marketing Elective ¹	5
QM 374 Business Statistics II	5
QM 385 Production Management	4
Business Elective ¹	5
Business Elective ¹	5
Business Elective ¹	5

For those students seeking a career in sales and sales management, the following Marketing electives are recommended:

MT	340	Professional Selling ¹
MT	342	Issues in Marketing
MT	401	Entrepreneurship ¹
MT	437	Sales Management
MT	410	Marketing to Organizations
MT	432	Promotional Strategy
MT	434	Purchasing
MT	438	Retailing
MT	450	Direct Marketing
MT	473	Logistics Management
MT	470	International Business
MT	490	Special Problems
COM	330	Public Relations I

¹Strongly recommended.

For those students seeking a career in advertising and promotional management, the following electives are recommended:

MT	432	Promotional Strategy ¹
MT	451	Advertising ¹
MT	340	Professional Selling
MT	437	Sales Management
MT	450	Direct Marketing
MT	474	Print Media Advertising
MT	490	Special Problems
AT	323	Commercial Art ²
AT	324	Graphic Layout and Design ²
COM	375	Advertising Media ²
COM	380	Public Relations I ²
COM	384	Writing for Public Relations ²
COM	385	Advertising Copywriting ²
COM	481	Creative Strategy in Advertising ²

¹ Strongly recommended.

² No more than three of these courses may be taken as Marketing electives.

DEPARTMENT OF INFORMATION SYSTEMS AND DECISION SCIENCE

Junior and Senior

Information Systems Curriculum (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 freshmen and sophomores in the School of Business (except for IS 231 and IS 232).

Course		Hours
EH 306	Bus. & Prof. Writing	5
FI 361	Financial Mgt. I	5
IS 350	Svy. of Computer Lang	5
IS 355	Data Structures	5
IS 356	Database Systems	5
IS 460	Systems Analysis	5
IS 470	Sys. Design & Imple	5
IS 480	Management Info. Sys	5
	Art/Science Elective	5
	Art/Science Elective	5
	Business Elective	5

¹Must be 300-400 level courses.

Course		Hours
MN 310	Prin. of Management	4
MN 340	Business & Society	4
MN 346	Org. Theory & Behavior	4
MN 480	Business Policy	5
MT 331	Prin. of Marketing	5
QM 374	Business Statistics II	5
QM 385	Production Management	4
QM 475	Quan. Meths. of Mgt	5
Info. Sys	Elective ¹	5

Junior and Senior

Decision Science Curriculum (QM)

AUBURN UNIVERSITY AT MONTGOMERY

The curriculum in Decision Science is structured to provide the student with the background to function as a quantitative analyst and decision maker in commerce and industry. In addition, the student obtains sufficient managerial knowledge to assume supervisory responsibility in quantitative fields.

Students in this curriculum should follow the common curriculum for freshmen and sophomores in the School of Business.

Course		Hours
EH 306	Bus. & Prof. Writing	5
FI 361	Financial Mgt. I	5
IS 330	FORTTRAN	
	Programming	5
MN 310	Prin. of Management	4
MN 340	Business & Society	4
MN 346	Org. Theory &	
	Behavior	4
MN 480	Business Policy	5
MT 331	Prin. of Marketing	5
QM 374	Business Statistics II	5
QM 376	Stat. Quality Control	5

¹ Must be 300-400 level courses.

Course		Hours
QM 380	Decision Theory	5
QM 385	Production	
	Management	4
QM 410	Intro. to Linear Models	5
QM 475	Quan. Meths. of Mgt	5
QM 476	Forecasting	5
QM 478	Inven. & Prod. Sys	5
QM 480	Prob. in Dec. Science	5
	Business Elective ¹	5
	Business Elective ¹	5
	Business Elective ¹	5

DESCRIPTION OF COURSES (BUSINESS)

ACCOUNTING (AC)

Professors M. Golden, Kamnikar, Lake, and Rogow (Head) Associate Professor Lett Assistant Professors Heier and Sayers Instructors Andreades, Jackson, and Kent

201. Introductory Accounting I (4) :

Pr. MH 150, sophomore standing or permission of department head. 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.

203. Essentials of Management Accounting (4) :

Pr., AC 202, sophomore standing or permission of department head. 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, Junior standing. Continuation of AC 301.

303. Intermediate Accounting III (5) :

Pr., AC 302, AC 320, junior standing. A continuation of AC 301 and AC 302.

304. Income Tax Accounting (5) :

Pr., AC 320, 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, Junior standing. 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 I (5) :

Pr., AC 303. 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 303. 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. Auditing II (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 303. 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.

DECISION SCIENCE (QM)

Professors C. Golden, Griffin (Eminent Scholar), and Ho (Head)

Associate Professor McDevitt

Assistant Professors Ang, K. Clark, Honan, and Lucy-Bouler

274. Business Statistics I (4) :

Pr., MH 150. 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.

374. Business Statistics II (5) :

Pr., QM 274 or equivalent, junior standing. 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 374 and MH 367.

376. Statistical Quality Control (5) :

Pr. QM 374, junior standing. The theory and application of inspection sampling plans and control charts for the design, specification, and control of product quality.

380. Decision Theory (5) :

Pr., QM 374, junior standing. A quantitative development of the decision making process. Criteria for decision making. Treatment of risk under uncertainty and in conflict situations.

385. Production Management (4) :

Pr., QM 374, MN 310, junior standing. Principles and practices of modern management science as applied in the actual operations and control of industrial enterprises.

410. Introduction to Linear Models (5) :

Pr. QM 374, junior standing. General theory of linear models and linear hypotheses. Analysis of common linear statistical models as they apply to problems in business and economics.

475. Quantitative Methods of Management (5) :

Pr. QM 385, junior standing. Use of quantitative methods in managerial decision making.

476. Forecasting (5) :

Pr., QM 410, junior standing. The theory and application of smoothing and autoregressive-integrated-moving average models to practical problems in business forecasting.

478. Inventory and Production Systems (5) :

Pr. QM 385, QM 475, 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. Problems in Business Statistics (5) :

Pr., QM 380, QM 376, QM 410, QM 476, QM 476, Junior standing. A study of selected problems in business and the use of statistical methodology in problem solution. The use of statistical computing packages such as SPSS and SAS.

490. Special Problems (1-5) :

Pr., Junior standing. Variable content in the decision science area.

ECONOMICS (EC)

Professors Gregorowicz, Lacy (Head), and Moberly Associate Professors Deravi and Hegji Assistant Professors Chiles, J. Clark, and Sollars

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. MH 150 or equivalent. Economic principles with emphasis upon the macroeconomic aspects of the national economy. Introduction to the national income, price levels, employment, and beginning demand and supply theory.

202. Economics II (5) :

Pr., MH 150 or equivalent. A continuation of economic principles with emphasis upon microeconomic aspects of the national economy. Introduction to value theory, distribution of income, international economics, economic growth, and welfare economics.

301. Contemporary Economic Problems (5) :

Pr., EC 201, EC 202, Junior standing. An intensive analysis of specific, current business and economic problems of major importance.

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.

360. Money and Banking (5) :

Pr., EC 201 or concurrently with EC 201, Junior standing. Money, credit, and banking, including consideration of monetary systems, foreign exchange, and commercial banking with relation to the Federal Reserve System.

370. Urban Economics (5) :

Pr., EC 201, EC 202, MH 150, QM 274 or MII 267, Junior standing. Economic theory and technique applied to urban problems. These include the city economic base, land use, location theory, housing, urban renewal, and transportation. Emphasis is placed on costbenefit analysis.

410. Intermediate Macroeconomics (5) :

Pr., EC 201, 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.

411. Intermediate Microeconomics (5) :

Pr. EC 201, EC 202, Junior standing. The study of how prices, output, and size of plant are determined within varying economic market organizations.

452. Comparative Economic Systems (5) :

Pr. EC 202, Junior standing. An analysis of the rival economic doctrines of capitalism, socialism, and communism.

454. History of Economic Thought (5) :

Pr. EC 202, Junior standing. The development of economic ideas, principles, and systems of analysis from early times to the present.

462. Monetary Theory and Policy (5) :

Pr., FI 361, EC 360, Junior standing. Advanced monetary and banking policy. Attention given to government fiscal policies and programs. (Same as FI 462.)

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 FI 465.)

470. International Economics (5) :

Pr. EC 201, EC 202, MH 150, QM 274 or MH 267, 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.

480. Resource Economics (5) :

Pr. EC 201, EC 202, Junior standing. A survey of the economic principles of managing our nation's and the world's resources. Analyses will include the relationship of economic growth to population growth, environmental deterioration, the use of energy, capital accumulation, and the depletion of natural resources. Current public policy proposals designed to improve our use of resources will be analyzed and debated in terms of their economic costs and benefits.

490. Special Problems (1-5) :

Pr., Junior standing. Variable content in the economics area.

FINANCE (FI)

Associate Professors Johnson and Lange

Assistant Professor Wilbourn

Instructor Bliss

321. Principles of Insurance (5) :

Pr. AC 203, EC 202, Junior standing. A study of the principal uses and types of insurance, including life, fire, marine, automobile, and other casualty lines.

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.

361. Financial Management I (5) :

Pr., AC 203, EC 202, Junior standing. The first course in business finance with emphasis on short-term, intermediate, and long-term financing of business firms.

362. Financial Management II (5) :

Pr., FI 361, QM 274, Junior standing. Second course in business finance concentrating on theories and practices applicable to the financial administration of the firm.

365. Financial Institutions and Markets (5) :

Pr. EC 360, FI 361, Junior standing. A comprehensive study of financial institutions and markets of the economy in general.

421. Risk Management (5) :

Pr., FI 361, Junior standing. A study of risk and risk bearing industry, including insurance and noninsurance methods of handling risks; coverage of the fields of property, liability, disability, and life insurance. Duplicate credit will not be allowed for FI 421 and FI 621.

425. Real Estate Financing (5) :

Pr., FI 323, FI 361, or permission of department head, Junior standing.

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 361, FI 425 or permission of department head. A study of the source of real estate value, the techniques for estimating property value, and the effective use of appraisal information.

437. Personal Financial Planning (5) :

Pr., FI 362, junior standing or permission of department head. Integration of the concepts of financial planning, income taxation, investments, estate planning, and planning for business owners and professionals. Duplicate credit will not be allowed for FI 437 and FI 637.

460. Commercial Banking (5) :

Pr., FI 361, EC 360, Junior standing. Study of banking theory, bank 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, Junior standing. Advanced monetary and banking policy. Attention given to government fiscal policies and programs. (Same as EC 462.)

464. Introduction to Investments (5) :

Pr. FI 361, EC 360, Junior standing. 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.

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, Junior standing. 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 362, junior standing, and permission of department head. Variable content in the Finance area.

HUMAN RESOURCE MANAGEMENT (HRM)

Professors Calvasina (Head) and Culverhouse

Associate Professors Goodson and White

Assistant Professors Arnold, Duarte, Hall, Honey, and Lewis

315. Personnel 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 unionmanagement 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, Junior standing. A course designed to provide the student with both the theoretical and practical knowledge to design, administer, and evaluate compensation systems.

405. Labor Law and Legislation (5) :

Pr., HRM 315, Junior standing. Examination of topics on wage and hour legislation, equal employment opportunity and civil fights, employee benefits and insurance, workers' compensation, occupational safety and health laws, and employees' personal fights.

444. Labor Relations (5) :

Pr., MN 310, Junior standing. The historical development of unions with emphasis on labor laws and the formal organizations designed to represent workers, employers, and the general public. The problems of establishing the collective bargaining relationship and negotiating the labor contract are central to the course. Emphasis is also placed on administration of the labor contract, including on-the-job representation, grievance procedures, and arbitration.

455. Employment Law Seminar (5) :

Pr., HRM 405, junior 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 Selection, Placement, and Training (5) :

Pr. HRM 315, junior standing. The theoretical and practical aspects of designing and administering a human resource planning, testing, selection, and training program will be covered.

INFORMATION SYSTEMS (IS)

Professors C. Golden, Griffin (Eminent Scholar), and Ho (Head)

Associate Professor McDevitt

Assistant Professors Ang, Honan, Lucy-Bouler, and Weible

Instructor McQuaid

207. Introduction to Management Information Systems (5) :

Pr. MH 150. An introduction to the basic concepts and terminology of business data processing. Includes coverage of components of computer systems, concepts of management information systems,

microcomputer programming in BASIC, and the use of database, spreadsheet and word processing packages.

231. COBOL I (5) :

Pr., AC 201, 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.

330. FORTRAN Programming (5) :

Pr. MH 151, IS 207 or permission of instructor, junior standing. An introduction of Formula Translation language (FORTRAN) with programming problems of increasing complexity in the areas of business and industry, pure and applied science, mathematics, and other fields, depending on the students' interests. Includes basics of problem definition, algorithm construction, flow charts, and applications in card, disk, and tape operating systems.

350. Survey of Computer Languages (5) :

Pr., IS 207, junior standing. A study of specialized languages as they are applied to business information processing. Language study includes ASSEMBLER and the C language.

355. Data Structures (5) :

Pr. IS 350, 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 355, 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 (Survey of Computer Languages). This course addresses advanced file techniques, subprograms, linking to modules written in other languages from a COBOL source program, overlay structures, report writer, and debugging COBOL programs using memory dump.

370. Data Communication Principles (5) :

Pr. IS 355, 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) :

Pt., IS 356, Senior 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 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. all IS core courses, 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.

MANAGEMENT (MN)

Professors Calvasina (Head) and Culverhouse

Associate Professors Goodson and White

Assistant Professors Arnold, Duarte, Hall, Honey, and Lewis

200. Concepts of Business (4) :

(Non-Business majors only.) An introduction to the basic principles which underlie business behavior with an emphasis on current business activities.

241. Business Law I (4) :

Pr., sophomore standing. The nature, role, and historical development of the law and the structure and operation of our legal system, including the essentials of tort and criminal law. Special emphasis is placed on the laws concerning formation and enforcement of contracts.

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. Principles of Management (4) :

Pr. EC 202, AC 203, Junior standing. Management functions and the application of management principles in organizations. Includes evolution of management theory, planning and decision-making, organization theory, structuring, coordination, authority and group relations, direction, leader-ship, motivation and communication, staffing, and managerial control.

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 costbenefit analysis and action consequences, and analysis of various managerial responses to social demands.

342. Business Law II (5) :

Pr. Junior 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 and Theory (4) :

Pr., MN 310, Junior standing. Provides a basic grounding in the behavioral sciences relevant to management. It focuses on basic principles of human relations and management, surveying such topics as leadership, motivation, interpersonal relations, group dynamics, and conflict management. Included in the course will be simulations, case analysis, and application of course concepts to real-life situations.

367. Organizational Change and Development (5) :

Pr., MN 346, Junior standing. 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.

369. Organizational Consultation (5) :

Pr., MN 346, Junior standing. 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., AC 203, FI 361, Junior standing. This course 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. They 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 315, MN 340, Junior standing. 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.

434. Purchasing (5) :

Pr. MT 331, Junior standing. Objectives, control, and the direction of industrial purchasing.
(Same as MT 434.)

450. Issues in Management (5) :

Pr., MN 310, Junior standing. A discussion and analysis of current areas of concern in the field of national and international management and future trends.

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.
(Same as MT 470.)

473. Logistics Management (5) :

Pr., MT 331, Junior standing. 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.)

480. Business Policy (5) :

Pr. all Business core courses (FI 361, MN 310, MN 340, MN 346, MT 331, QM 374, QM 385) and senior standing, or permission of instructor. The formulation and application of policies and programs pertaining to personnel, production, finance, procurement, and sales in the business enterprise.

490. Special Problems (1-5) :

Pr., Junior standing. Variable content in the management area.

MARKETING (MT)

Professors Budden (Dean), Ingram, and Self
Associate Professor Jones
Assistant Professor Judd

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., EC 202, AC 203, Junior standing. A general but critical survey of the field of marketing covering marketing channels, functions, methods, and institutions.

340. Professional Selling (5) :

Pr., MT 331, Junior standing. 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 231/331, Junior standing. Seminar on current and future areas of concerns and issues in the field of marketing.

401. Entrepreneurship (5) :

Pr., AC 203, FI 361. This course 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. They 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, Junior standing. 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, Junior standing. 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, Junior standing. Objectives, control, and the direction of industrial purchasing.
(Same as MN 434.)

436. Marketing Research Methods (5) :

Pr., MT 331, Junior standing. 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, Junior standing. 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, Junior standing. A survey of the nature, managerial procedures, and results of trade at the retail level.

441. Consumer Behavior (5) :

Pr., MT 331, Junior standing. 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, Junior standing. 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.

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. (Same as MN 470.)

472. Transportation Management (5) :

Pr., MT 331, Junior standing. 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, Junior standing. 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, junior standing or 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, senior standing or consent of instructor. 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, junior standing or 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) :

Pr., Junior standing. Variable content in the marketing or transportation area.

SCHOOL OF EDUCATION

Dr. William L. Deaton, Dean

Early Childhood Education

Educational Foundations

Elementary Education

Health Education

Physical Education

Reading 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

All programs in the School of Education are accredited by the National Council for the Accreditation of Teacher Education (NCATE), the Alabama State Department of Education and the National Association of State Directors of Teacher Education Certification (NASDTEC).

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 aideship, methods labs, the internship, and special practicums.

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) Preprofessional 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 the following courses, FED 104 and FED 210 or FED 211, students are provided laboratory time for observation, participation, and evaluation in field settings. Students may enroll in these courses 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 210 or FED 211
FED 214
EH 101 and EH 102
COM 202
- 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 and signed by a physician.
- 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 202 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 school or community. 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 30

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

Certification students with a degree who have successfully completed a full academic school year of teaching experience in their area of specialization may be permitted to satisfy the internship through a special program. Students may not enroll in this internship without approval from the Director of Laboratory Programs.

I. Requirements for Admission to Professional Internship

- A. Prerequisite course work
A minimum of 160 hours completed, including the professional courses or their equivalents as determined by the student's advisor.
- 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.

II. Internship Requirements

- A. The student internship must be full time and include a minimum of 300 clock hours and 10 weeks.
- B. Interns must be exposed to and given experience in all responsibilities of the classroom teacher, including use of the Alabama School Register.
- C. Interns must have full responsibility for the entire school day for a minimum of two weeks.
- D. Interns must be responsible for planning, teaching, and evaluating at least one major unit of work.
- E. The intern must receive a grade of "S" (Satisfactory) in order to receive credit for the course. In the event the intern receives a "U" (Unsatisfactory), the student must reapply for a new internship. The new application must be approved by the Committee for the Professional Internship prior to reenrollment 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. A satisfactory score on the currently approved certification test.
- D. 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.

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 accredited by the Alabama State Board of Education for certifying superintendents, supervisors, principals, counselors, and 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 program, 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.

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 and to allow a concentration in one academic area. The trend toward the team approach to teaching in the upper elementary schools makes it especially desirable that the elementary teacher have an area of academic concentration. Each student may develop a concentration of 30 quarter hours beyond the general curriculum requirements in social science, mathematics, science, art, psychology, physical education, language arts, foreign languages, special education, early childhood education, or other approved area.

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, Elementary Physical Education, or Athletic Coaching.

The Physical Education Non-Certification Degree Program:

The primary purpose is to prepare instructors and administrators for nonschool 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.

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
 - chemistry
 - English
 - general science
 - history
 - language
 - arts
 - mathematics
 - political
 - science
 - psychology
 - social studies
 - sociology

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

Special Education (SPE)

Special Education with Endorsement in Mental Retardation (N-12), Early Childhood Education for the Handicapped, or Speech Language Pathology (N-12)

The primary purpose is to prepare teachers with specific skills for teaching mentally retarded children, children with speech-language disorders, or young handicapped children.

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 in the School of Liberal Arts if interested in pursuing a non-certification program in the area of Speech-Language Pathology.

Speech Communication Education (SEE)

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

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 (EDUCATION)

FOUNDATIONS, SECONDARY, AND COUNSELOR EDUCATION

Professors Deaton and Wieseman

Associate Professors McElroy, Portis, Simpson, and Thomas

Assistant Professors Alexander, Braswell, Crippen, and Gilchrist

Educational Foundations (FED)

104. Introduction to Professional Education (5) :

Lee. 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. May be taken concurrently with FED 210 Child Growth and Development or FED 211 Adolescent Growth and Development as one of the education courses that is prerequisite to admission to Professional Education.

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.

210. Child Growth and Development (5) :

Lec. 4, Lab. 1, Pr., FED 104 unless taken concurrently, EH 102. Required of all students in teacher education according to program. Taken prior to admission to Professional Education. Provides an analysis of the function of the teacher and the school in directing, measuring, and evaluating individual growth and development from birth to adolescence. Various sociological, philosophical, and psychological theories assist in this analysis. Field experiences are provided.

211. Adolescent Growth and Development (5) :

Lee. 4, Lab. 1, Pr., FED 104 unless taken concurrently, EH 102. Required of all students in teacher education according to program. Taken prior to admission to Professional Education. Provides an analysis of the function of the teacher and the school in directing, measuring, and evaluating individual growth and development during adolescence. Various sociological, philosophical, and psychological theories assist in this analysis. Field experiences are provided.

214. Psychological Foundations of Education (5) :

Lee. 4, Lab. 1. Pr., FED 104 unless taken concurrently, 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.

351. Foundations of Multicultural Education (2) :

Pr., admission to Professional Education. Required of all students completing the teacher education program. Introduces concepts of multicultural education and strategies for teaching these concepts in elementary and secondary schools. Some attention is given to managing classrooms of culturally different students. Ordinarily offered as a block with EED 350 or SED 350.

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., admission to Professional Education or instructor's approval. 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 654.

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.

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.

Secondary Education (SED)

350. Relationship Skills in the Classroom (3) :

Pr., admission to Professional Education. Required of all students completing the teacher education program. Course work emphasizes effective relationships within classrooms at secondary levels. Stress will be placed on conceptual and practical familiarity with specific approaches and techniques designed to enhance the total development of school children. Experiential emphasis. Ordinarily offered as a block with FED 351S.

405. Teaching in Secondary Schools (5) :

Pr., 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. Offered fall and spring quarters.

410. Program in Secondary School (5) :

Pr., 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. Offered fall and spring quarters.

425. Professional Internship in Secondary Education (15) :

Pr. admission to Internship. Students are placed in 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 30.

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

ATE 425. Professional Internship in Art Education (15) :

Pr., admission to Internship. Students are placed in both 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 30.

ATE 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 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 30.

SCE 499. Bachelor's Comprehensive Examination (0) :

Pr., departmental approval.

CURRICULUM, INSTRUCTION, AND ADMINISTRATION (CIA)

Professors K. Campbell (Head), Griswold, Maertens, Martin, and Wolfinger
Associate Professors Flynt, Gordon, Stockard, Warren, and Wright
Assistant Professors Mills, Morton, and Prater
Instructors Baggett and Cravey

Early Childhood Education (ECE)

407. Guidance of Young Children (5) :

Pr., FED 210 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 210 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 210, 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 210 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 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 the Classroom (3) :

Pr., admission to Professional Education. Required of all students completing the teacher education program. Course work emphasizes effective relationships within classrooms at elementary levels. Stress will be placed on conceptual and practical familiarity with specific approaches and techniques designed to enhance the total development of school children. Experiential emphasis. Ordinarily offered as a block with FED 351.

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. 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 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 30.

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.

Special Education (SPE)

376. Survey of Exceptionalities (5) :

Pr. FED 210 or FED 211, and FED 214. A survey of the various areas of exceptionality, including the etiology, incidence, and philosophy of teaching the exceptional child.

403. Workshop in Special Education (1-10).

This course may be taught concurrently with SPE 603.

407. Arts and Crafts for the Exceptional Child (5) :

Pr. Junior standing. The use of arts and crafts as an integral part of the total special education curriculum. Emphasis is on strategies to strengthen academic areas through the use of arts and crafts at various age and ability levels. This course may be taught concurrently with SPE 607.

411. Characteristics and Nature of Mental Retardation (5) :

Pr. Junior standing. Social, psychological, and educational implications of mental retardation are considered, including the interpretation of psychological tests. This course may be taught concurrently with SPE 611.

412. Methods and Materials for Teaching the Mentally Retarded (5) :

Pr. junior standing or permission of instructor. An analysis and evaluation of teaching methods and materials appropriate for use in teaching the mentally retarded student. Laboratory experiences are included and practice is provided in the development of materials. This course may be taught concurrently with SPE 612.

420. Education of Children with Emotional Conflict (5) :

Pr., Junior standing. A study of existing theories and instructional programs for students with emotional conflicts. Service delivery systems, management techniques, and educational programming are emphasized. This course may be taught concurrently with SPE 620.

425. H, R, S (H) Early Childhood for the Handicapped, (R)

Mental Retardation, (S) Speech Pathology. Professional Internship in Special Education (5-15) :

Pr., departmental approval. Students are placed in 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 30.

430. Education of Children with Special Learning Disabilities (5) :

Pr., Junior standing. Existing theories and instructional programs for children with special learning disabilities. Administrative arrangements, classroom management, individual educational evaluation, and programming are emphasized. This course may be taught concurrently with SPE 630.

445. The Trainable Mentally Retarded (5) :

Pr., Junior standing. An in-depth study of severe mental retardation with special emphasis on implications for the education and training of the trainable retarded individual. This course may be taught concurrently with SPE 645.

459. Practicum in Special Education (MR) (5-10).

Pr., senior standing and departmental approval. Supervised field experiences of exceptionality.

499. Early Childhood for the Handicapped (H),

Mental Retardation (R), Speech Pathology (S), Bachelor's Comprehensive Examination (0) :

Pr., departmental approval.

PHYSICAL EDUCATION

Professors D. Campbell (Head) and Williford
Associate Professor Brown
Assistant Professors Gibbons and Kirkpatrick

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 Sports Skills (3) :

Pr., sophomore standing or departmental approval. An introductory course designed to develop expertise in the organization and teaching of sports skills. Emphasis is placed on theory, methods, and effective techniques of teaching sports skills. Unit and lesson plan construction as well as evaluation techniques will be stressed. Softball will be used as the sport of focus in this course.

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 bowling. 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., sophomore standing or departmental approval. 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. sophomore standing or departmental approval. 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., sophomore standing or departmental approval. 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. sophomore standing or departmental approval. 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., sophomore standing or departmental approval. 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. sophomore standing or departmental approval. 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.

402. Elementary Methods in Health and Physical Education (N-6) (5) :

Pr., Professional Education and departmental approval. 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 and departmental approval. 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., 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., senior standing or departmental approval, Professional Education. 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.

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.

108. Hatha Yoga (2) :

A course designed to introduce the student to the basic yoga postures and breathing techniques. The course will include the practice of various postures and breathing techniques used for relaxation. Emphasis is placed on the development of body alignment in the postures, concentration, and relaxation.

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.

124. Field Hockey (2) :

A course designed to introduce the student to the basic elements of field hockey. 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.

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 selfdefense 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. Marion Michael, Dean

Anthropology
Mass Communication
English
Music
Fine Arts
Philosophy
Foreign Language
Sociology
Geography
Speech Communication
Gerontology
Speech-Language
History
Pathology and Audiology
International Studies
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:

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

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 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 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: (1) HY 305 The Civil War and Reconstruction, (2) HY 401 The American South to 1877, (3) HY 402 The American South Since 1877, (4) HY 405 The History of Alabama, (5) ANT 212 Introduction to Archaeology, (6) EH 477 Studies in Southern Literature, (7) GY 361 Geography of the South, (8) SY 430 Minority Groups, and (9) 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 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 Exam in English. For information about advanced placement in English, consult the Head of the Department of English or 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

Professor Wolfe

Associate Professor Cornell (Head)

Assistant Professors B. Gaines and Medley (Director of Mass Communication)

AUBURN UNIVERSITY AT MONTGOMERY

Instructors Brassil, McNutt, and Nobles

The Department of Communication includes three disciplines: Speech Communication, Speech-Language Pathology and Audiology, and Mass Communication. 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 three communication disciplines and then take a 20-hour minor in a communication discipline not selected as a major. Grades below "C" in the student's major are not acceptable for graduation.

I. University Requirements	Hours
English Composition (EH 101 and EH 102)	10
World History (HY 101 and HY 102)	10
Natural or Physical Sciences (any two courses)	10
Mathematics (MH 100, MH 150, or MH 161)	5
Total	35

II. Departmental Liberal Education Requirements	Hours
Communication (COM 101)	5
Fine Arts (10 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)	10
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
History	5
Literature (10 hours to be selected from EH 253, EH 254, EH 257, EH 258, EH 260, EH 261)	10
Philosophy (PH 201)	5
Social Science (SY 201 and 10 hours to be selected from anthropology, economics, geography, government, history, psychology, sociology, or COM 210)	15
Total	65

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	Hours
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
Communication Electives (chosen in consultation with advisor)	20
Total	60

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. In addition to the pre-professional curriculum listed below, a program of study leading to an Alabama Class B Teacher's Certificate in Speech-Language Pathology is available. Students desiring to pursue this option should contact the coordinator of the Speech-Language Pathology Certification Program.

Requirements	Hours
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

AUBURN UNIVERSITY AT MONTGOMERY

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
Total	70

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	Hours
COM 210 Mass Media and Society	5
COM 270 Fundamentals of Journalism	5
COM 274 Reporting I	5
COM 388 Survey of Mass Communication Research	5
COM 471 Mass Communication Theory	5
COM 482 Media Law and Ethics	5
COM 484 Mass Communication Research Methods	5
Mass Communication Electives	30
Total	65

IV. Minor Requirements

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

Option 1: Speech Communication	20
Option 2: Speech-Language Pathology and Audiology	10
Option 3: Mass Communication	15

VI. Total Requirements	200
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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. This studio contains electric typewriters, electronic photocomposition equipment, light tables, and related equipment. The computer laboratory is equipped with the latest in computer technology to aid in teaching desktop publishing, advertising and newspaper design and layout, and includes dot matrix printers, a laser printer, a computer projection panel, and character/text computer scanners.

DEPARTMENT OF ENGLISH AND PHILOSOPHY

Professors Gribben (Head), Michael, Nance, R. Walker, Williams (Emeritus), and Willis

Associate Professors Anderson (Director of Composition), Barfoot, Billingslea, Evans, Hill, Johnson, Morton, and D. Walker

Assistant Professors Conely, Crowley, Little, and Wiedemann Instructors Depas-Orange and Dudle

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	Hours
English Composition (EH 101 and EH 102)	10
World History (HY 101 and HY 102)	10
Natural Sciences (includes 5 hours in a lab science)	10
Mathematics	5
Total	35

II. Departmental Liberal Education Requirements

Communication (COM 101)	5
Fine Arts (art history or music history)	5
One Foreign Language	15
History (must include one English or European history course)	10
Natural Science or Mathematics	5
Philosophy	5
Social Studies I (SY 201 or ANT 211)	5
Social Studies II (PO, PG, or EC)	5
Arts Elective (communication, philosophy, or a fine arts history or appreciation course)	5
Total	60

III. English Major Requirements

EH 253 and EH 254	10
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 ¹	25
Total	65

¹The EH electives must include

- (1) one course in American and three courses in British or European literature;
- (2) one course in each of the four following literary periods: Medieval-Renaissance, 17th-18th centuries, 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 **20**

VI. Total Requirements **200**

DEPARTMENT OF FINE ARTS

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

Assistant Professors Benson, Jensen, Thompson, and Winkelman

The Department of Fine Arts, combining the disciplines of Visual Arts, Music, and Theatre, offers a major in Visual Arts, an emphasis in Graphic Design, an emphasis in Studio Art, an emphasis in Theatre, 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 85 credit hours in that concentration. The Studio Art emphasis requires 98 credit hours in that concentration. A Theatre emphasis requires at least 55 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 new "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, 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; (205) 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 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	Mr. Mills
Ceramics/Sculpture	Ms. Jensen
Studio Art	Mr. Thompson
Graphic Design (Commercial Art)	Mr. Coley
Music	Mr. Benson
Theatre	Mr. Gaines

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	Hours
English Composition (EH 101 and EH 102)	10
World History (HY 101 and HY 102)	10
Natural Sciences (BI 104 and BI 105 recommended)	10
Mathematics (MH 100 recommended)	5
Electives in at least two areas other than that in which major lies.	
These may be satisfied in whole or part by taking certain of the Departmental Liberal Education Requirements courses.	
(See advisor for specifics.)	20
Total	55

II. Departmental Liberal Education Requirements	Hours
Communication (COM 101)	5
Fine Arts (MU 201 or TH 204)	5
Foreign Language (three courses in one language)	
or FA Option: at least one course in Foreign	
Literature in translation and one or two of the following:	
PO 101 or PO 102, IS 207, PH 203	15
History	10
Literature (EH 253 and EH 254, or EH 257 and EH 258)	10
Philosophy (PH 201)	5
Social Science (ANT 211)	5

Total 55 III. Visual Arts Requirements	Hours
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 Printmaking 1 or FA 440 Printmaking 2	5
FA 351 Art History 1	5
FA 352 Art History 2	5
FA 353 Art History 3	5
Total	50
IV. Visual Arts Electives	10
V. Minor	20
VI. Free Electives (which may have to include courses to satisfy University Electives discussed above)	10
VII. Total Requirements	200

GRAPHIC DESIGN EMPHASIS (GFA)

Professor Coley (Director, Graphic Design Center)

In addition to the fundamentals of visual art, this curriculum provides intensive course work and studio experience for students preparing for careers in graphic design.

B.A. IN FINE ARTS (GRAPHIC DESIGN)

1. University Requirements	Hours
English Composition (EH 101 and EH 102)	10
World History (I-P/101 and HY 102)	10
Mathematics (MH 100 recommended)	5
Natural or Physical Sciences	10
Electives in at least two areas other than that in which the major lies. These may be satisfied in whole or part by taking certain of the Departmental Liberal Education Requirements courses. (See advisor for specifics.)	20
Total	55

II. Departmental Liberal Education Requirements	Hours
Foreign Literature in Translation	5
History (FA 351, FA 352, and FA 353)	15
Literature (EH 253 and EH 254, or EH 257 and EH 258)	10
Philosophy (PH 201)	5
Social Science (ANT 211)	5
Total	40

III. Graphic Design Requirements	Hours
Drawing 1 (FA 100)	5
Drawing 2 (FA 200)	5
Design (FA 110)	5
Typography and Lettering (FA 225)	5
Computer Graphics 1 (FA 370)	5
Computer Graphics 2 (FA 371)	5
Introduction to Commercial Art (FA 325)	5
Graphic Layout and Design (FA 425)	5
Electronic Layout 1 (FA 475)	5
Advertising Art (FA 428)	5
Design Practicum (FA 430)	5
Senior Portfolio (FA 499)	5
Electives (Studio)	25
Total	85

IV. Minor Requirements

Suggested minor in Marketing or Communication 20

V. Total Requirements 200

STUDIO ART EMPHASIS (FA)

Intensive undergraduate training in painting, printmaking, sculpture, or ceramics for those interested in careers as professional artists or artist/teachers.

B.A. IN FINE ARTS (STUDIO ART)

I. University Requirements

	Hours
English Composition (EH 101 and EH 102)	10
World History (HY 101 and HY 102)	10
Natural Sciences (BI 104 and BI 105 recommended)	10
Mathematics (MH 100 recommended)	5
Electives (non-Visual Arts)	20
Total	55

II. Basic Foundation Hours

Drawing 1 (FA 100)	5
Two-Dimensional Design (FA 110)	5
Drawing 2 (FA 200)	5
Color (FA 210) or Linear Perspective (FA 201)	5
Art History 1, 2, 3 (FA 351, FA 352, FA 353)	15
Total	35

III. Upper Level Foundation

	Hours
Drawing 3 (FA 300) or Three-Dimensional Design (FA 135)	5
Drawing 4 (FA 400)	5
Screenprinting (FA 340) or Etching (FA 440)	5
Beginning Painting (FA 220) or Watercolor (FA 310)	5
Sculpture 1 (FA 235)	5
Art History (two courses at the 400 level)	10
Total	35

IV. Concentration: Painting, Printmaking, Sculpture or Ceramics Hours

Advanced Painting 1 (FA 320), Advanced Painting 2 (FA 420), FA 401 in Painting	15
OR	
Printmaking 2 (FA 440), Printmaking 3 (FA 441), FA 401 in Printmaking	15
OR	
Sculpture 2 (FA 335), Sculpture 3 (FA 435), FA 401 in Sculpture	15
OR	
Ceramics 1 (FA 295), Ceramics 2 (FA 395), FA 401 in Ceramics	15
Senior Project (FA 498)	3
Total	18

V. Visual Arts Electives 10

VI. Liberal Education Electives

(electives, approved by advisor, in literature, philosophy, international studies, psychology, physical or biological science, mathematics, sociology, communication, or music history and/or theory) 47

VII. Total Requirements 200

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 maximum of five hours of credit in performing ensembles and independent study in applied music may be counted toward a Music minor. For the 15-hour minor in the School of Sciences, 5 hours of credit in performing ensembles and independent study may be counted. For the 30-hour minor in the School of Sciences, 10 hours of credit in performing ensembles and independent study may be counted.

THEATRE AUM

Professor R. Gaines (Director)

Assistant Professor Winkelman (Technical Director)

Within the Department of Fine Arts, students may emphasize a program of study in Theatre. The curriculum embraces general education, pre-professional, and professional objectives and endeavors to prepare the student to be an intelligent, responsible, and effective citizen in a free society. It provides a broad background in all the theatre arts that will prepare a student for graduate school, a career in the theatre, or a career in the fields of business, government, and other professions. Students may also select a minor in Film Studies through the Division of Theatre.

Theatre AUM provides the training in practical theatre production that clarifies the principles laid down in the classrooms. 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 220 Theatre Practicum each quarter that they are enrolled at AUM.

The Theatre emphasis requires a minimum of 55 hours in theatre courses, plus an additional 15 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

	Hours
English Composition (EH 101 and EH 102)	10
World History (I-P/101 and HY 102)	10
Mathematics	5
Natural Sciences (5 hours in a laboratory science)	10
Total	35

II. Departmental Liberal Education Requirements

Communication (COM 101)	5
Fine Arts (FA 261 and MU 201) ¹	10
A Foreign Language/Option ²	15
History (HY 201 and I-P/202)	10
Literature (EH 253 and EH 254, or EH 257 and EH 258)	10
Natural Science or Mathematics	5
Philosophy (PH 201)	5
Sociology (SY 201 or ANT 211)	5
Total	65

¹ 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.

² If a student has a good reason to choose a logical two-course history sequence other than History 201-202, application may be made to his or her advisor.

III. Major (TH) Requirements

	Hours
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 ³	15
Theatre Elective	5
Theatre Practicum	
(TH 220 is required of every major every quarter that he or she is enrolled at AUM.)	5
Total	60
B. Additional requirements	
Advanced Expository Writing (EH 305)	5
Literary Criticism (EH 408)	5
Drama course from the English Department offerings	5
Total	15

³ Each student will select an emphasis from the following areas:

- (1) acting,
- (2) directing,
- (3) design,
- (4) history/literature/criticism,
- (5) administration,
- (6) playwriting, and
- (7) dance.

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. Free Electives **10**

V. Minor Requirements **20**

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 HISTORY

Professors Dodd and Fair (Head)

Associate Professor Fitzsimmons

Assistant Professors Bradley, Dunn, Ramirez, Statt, Wozniak, and Zhai

The History Major (HT)

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	Hours
English Composition (EH 101 and EH 102)	10
World History (HY 101 and HY 102)	10
Natural or Physical Sciences (any two courses)	10
Mathematics (MH 100, MH 150, or MH 161)	5
Total	35

II. Departmental Liberal Education Requirements	
Communication (COM 101)	5
Fine Arts (FA 261, FA 351, FA 352, FA 353; MU 201, MU 251, MU 252; TH 204, TH 431, TH 475, or TH 476)	5
Foreign Language (15 hours in one foreign language)	15
History (HY 201 and HY 202)	10
Literature (EH 253 and EH 254, or EH 257 and EH 258, or EH 260 and EH 261)	10
Philosophy (any philosophy course)	5
Social Sciences (ANT 211 or SY 201, and any geography course)	10
Total	60

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
Total	60

(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

	25
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VI. Total Requirements

	200
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DEPARTMENT OF INTERNATIONAL STUDIES

Professor Ryali

Associate Professors Gerogiannis (Head) and Sheldon

Assistant Professors Daniell, Gargurevich, 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.

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 from 9:30 to 12:00, Monday through Friday.

The Department of International Studies also offers first-year language courses in Arabic, Modern Hebrew, Japanese, Modern Greek, and Russian through the Tutorial Language Program. Students may also study French, Spanish, and German by this method.

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.

I. University Requirements**Hours**

EH 101, EH 102 English Composition I and II	10
HY 101, HY 102 World History I and II	10
Natural or Physical Science	10
Mathematics	5
Total	35

II. Interdepartmental Liberal Education Requirements

IN 205 Geography of World Regions	5
IN 211 Cultural Anthropology	5
IN 215 Cultural Geography and	
IN 225 Economic Geography; or	
EC 201, EC 202 Economics I and II (required for International Business Minor)	10
IN 270 Survey of European Literature	5
IN 271 Survey of Latin American and Third World Literature,	
IN 272 Survey of Oriental and Middle Eastern Literature, or Cultural History	
(representing two regions outside the major region of study;	
selected with the approval of the advisor)	10
IN 301 Introduction to International Studies	5
Total	40

III. Major Requirements French Studies

INF 121-INF 123 French 1, 2, 3	15
INF 221-INF 223 French 4, 5, 6	15
INF 302 Introduction to French Literature	5
INF 312 Advanced French Conversation and Composition	5

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INF 322 Commercial French	5
French Literature in Translation	5
IN 483 European Fiction	5
HY 326 Modern Europe 1815-Present	5
HY 441 Modern France 1870-Present	5
HY 440 France 1787-1870 or HY 442 French Revolution and Napoleon	5
Total	70

Hispanic Studies

INS 131-INS 133 Spanish 1, 2, 3	15
INS 231-INS 233 Spanish 4, 5, 6	15
INS 303 Introduction to Hispanic Literature	5
INS 313 Advanced Spanish Conversation and Composition	5
INS 323 Commercial Spanish	5
Hispanic Literature in Translation	5
IN 482 Hispanic Fiction	5
HY 281 Cultural History of Latin America	5
HY 382 Modern Latin America	5
HY 383 Contemporary Latin America or HY 385 Central America	5
Total	70

German Studies

ING 141-ING 143 German 1, 2, 3	15
ING 241-ING 243 German 4, 5, 5	15
ING 304 Introduction to German Literature	5
ING 314 Advanced German Conversation and Composition	5
ING 324 Commercial German	5
German Literature in Translation	5
IN 483 European Fiction	5
HY 326 Modern Europe	5
HY 446 Modern Germany	5
I-P/394 The Holocaust or HY 454 The Habsburg Empire	5
Total	70

IV. International Studies Electives

25

(Selected from additional international studies courses and from approved courses in anthropology, economics, fine arts, geography, history, and political science; may include advanced foreign language and study abroad courses)

V. Minor

20

(Recommended: international business; American or British history; American or British literature; anthropology and archeology; fine arts and theater; sociology; or a second foreign language [30 quarter hours])

VI. Electives

10

(Recommended: ancient or medieval history; art history; music history; theater history; philosophy; film history; or political science)

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 (Director, Center for Demographic and Cultural Research), Harrison, and Ryali
Associate Professors Sharp and Sheldon (Acting Head)
Assistant Professors Carson, Hall, Marcus, and Rankin-Ullock

The Department of Sociology combines the disciplines of Anthropology, Geography, and Sociology. A student may major in Sociology, choosing one of four concentrations. The department also offers minors in Anthropology, Geography, and Sociology.

A student electing to major in the department must satisfy the following requirements:

I. University Requirements Hours

English Composition (EH 101 and EH 102)	10
World History (HY 101 and HY 102)	10
Natural or Physical Sciences (any two courses)	10
Mathematics (MH 150 or MH 161)	5
Total	35

II. Departmental Liberal Education Requirements

Communication (COM 101)	5
Fine Arts (FA 261, FA 351, FA 352; MU 201, MU 250, MU 251, MU 252; TH 204, TH 304, TH 431, or TH 432)	10
Foreign Language/Option (15 hours in one foreign language or 15 hours from EH 305, MH 367, and PH 200 or PH 203; foreign language required for anthropology concentration and pre-social work)	15
Literature (EH 253, EH 254, EH 257, or EH 258)	10
Philosophy (PH 201, PH 203, PH 310, PH 333, or PH 334)	5
Social Sciences (PG 211, GY 205, PO 101 or PO 102, and 5 hours from EC 200, HY 201, or HY 202)	20
Total	65

III. Major (SY) Requirements

A. Basic requirements SY 201 Introduction to Sociology	5
ANT 211 Cultural Anthropology	5
MH 267 Elementary Statistics	5
SY 302 Research and Methodology	5
Total	20

B. Concentrations (Each student will select one concentration.)

General Sociology Concentration

SY 202 Social Problems	5
SY 402 Social Theory	5

Electives (sociology courses numbered 300 level or above. May include only one of the following:

SY 386, SY 387, SY 388, SY 389, and SY 480)	20
Total	30

Sociology of Deviance Concentration

SY 202 Social Problems	5
SY 218 Human Sexuality	5
SY 320 Juvenile Delinquency	5
SY 321 Criminology	5
SY 402 Social Theory	5
SY 423 Sociology of Deviance	5
SY 386 Field Practicum	5
Elective (SY 335, SY 389, SY 430, SY 445, or SY 454)	5
Total	40

Marriage and Family Concentration

SY 203 Intimate Life Styles	5
SY 302 Research and Methodology	5
SY 214 Sociology of Sex Roles	5
SY 218 Human Sexuality	5
SY 454 Sociology of the Family	5
ANT 325 Kinship and Social Organization or SY 215 Divorce and Remarriage	5

Ten hours from the following courses:

GER 480 The Aging Process	
SY 386 Field Practicum	
SY 480 Child Welfare	10
Electives (SY 315, SY 380, SY 389, SY 402, SY 430, or SY 498)	5

Total	40
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Anthropology Concentration

ANT 210 Principles of Physical Anthropology	5
ANT 212 Introductory Archaeology	5
ANT 498 Independent Study	5

(During their senior year, students are expected to complete an original research project, ANT 498, under the direction of a faculty member.)

Electives (anthropology courses numbered 300 level or above)	20
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Total	35
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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.)

V. Free Electives **20-30****VI. Total Requirements** **200**

Under a major/minor option in the Department of Sociology, the student pursuing the General Sociology, Deviance, or Marriage and Family concentration may minor in Anthropology. The student choosing the Anthropology concentration may minor in Sociology.

Also, a student interested in social work may complete a maximum of three years of course work at AUM and transfer to Auburn University for the final year. The program in social work at Auburn University leads to a Bachelor of Social Work degree and is accredited by the Council on Social Work Education. Students interested in social work should see the Head of the Department of Sociology at AUM as early as possible.

BACHELOR OF GENERAL STUDIES DEGREE

The B.G.S. 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.G.S. 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.G.S. 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 hours in courses offered by the School of Business may be counted toward satisfying the requirements for the Bachelor of General Studies degree.

Curriculum Requirements

1. The student is to satisfy the basic requirements of the core curriculum of the University; 10 hours of English composition (EH 101 and 102); 10 hours of world history (HY 101 and 102); 10 hours of natural sciences; and 5 hours of mathematics.
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 (see advisor for applicable COM courses). A minimum of 20 hours is required in this area, 15 of which must be at the 300 and/or 400 level.

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 (see advisor for applicable COM courses). A minimum of 20 hours is required in this area, 15 of which must be at the 300 and/or 400 level.

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.G.S. 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 75 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. Therefore, the B.G.S. 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.G.S. curriculum must be enrolled in the B.G.S. program for at least three quarters (for an accumulated 45 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:

Course	Hours
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 (LIBERAL ARTS)

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 wellbeing 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 Change (5) :

Pr. ANT 211 and junior or Senior standing. Contemporary primitive, traditional, and urban cultures, and recent research in cultural change.

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.

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 cognitivelinguistic-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 Computers (5) :

An introduction to the personal computer and its use in communication studies. Emphasis on MS-DOS, basic computer operation, word processing, and special uses in broadcasting, journalism, public relations, advertising, speech communication, and communication disorders.

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.

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 American Journalism (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.

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.

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.

488. Independent Study in Mass Communication.

Pr., junior standing and permission of instructor. 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.

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. 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 (5) :

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. 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. Instruction in writing and critiquing poetry, fiction, non fiction, 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.

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.

373. Major American Writers (5) :

Pr., EH 102. Focus to be announced at each scheduling of the course.

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 computer research, scientific writing, or grant proposals. The focus will be announced at each scheduling of the course. The course may be repeated for credit once 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) :

Pt., 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.

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 mid18th century. May be offered concurrently with EH 641.

443. British Novel I (5) :

Pr., Junior standing. The British 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 Novel II (5) :

Pr., Junior standing. A study of the major British 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 Novel III (5) :

Pr., Junior standing. Major British 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 American dramatic literature from colonial times to 1911, including the works of Tyler, Dunlap, Stone, Bird, Mowatt, Aiken, Baker, Harrigan, Howells, Hoyt, Herne, Moody, Mitchell, and Fitch. 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 1911 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.

484. Topics in Literary Form (5) :

Pr. Junior standing. Studies in the development and artistry of a particular genre or subgenre, such as the essay, the autobiography, the letter, the travel narrative, the literary biography, 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 I (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 and proportioning 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 art. Camera work, developing, and printing.

220. Beginning Painting (5) :

Painting in oil (and/or possibly other media) in abstract and representational modes.

225. Typography and Lettering (5) :

Pr. FA 370. Experience in letter forms that develops technical skills and creative concepts.

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 first decades of the 20th century.

353. History of Modern Art (5) :

Analysis of the visual arts produced in the West from the last half of the 19th century to the middle of the 20th century.

370. Computer Graphics 1 (5) :

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 type faces. 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.

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.

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.

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. Black American History (5) :

A survey of black life in the United States through the eras of slavery, segregation, and civil rights, with stress on black-white relations and the internal black struggle between separatism and integration. The course covers 1619 to the present.

235. English History to 1603 (5) :

A survey primarily of political and constitutional developments in England from earliest times to 1603.

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.

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. American Colonial History (5) :

A study of political, economic, social, and intellectual developments in the British-American colonies.

302. The American Revolution (5) :

A study of the origins, events, and effects of the American Revolution from Bunker Hill to the drafting of the U.S. Constitution.

303. The New American Nation (5) :

A study of the major political, economic, social, and intellectual developments in the United States from the time of George Washington to that of Andrew Jackson.

305. The Civil War (5) :

A study of the sectional struggle leading to the hostilities at Ft. Sumter and the political, military, economic, and social aspects of the war.

307. America in the Industrial Age, 1877-1933 (5) :

A study of the political, economic, social, and intellectual developments in the United States from the end of Reconstruction to the coming of the New Deal.

308. Recent America, 1933-Present (5) :

A study of the political, economic, social, and intellectual developments in the United States from the New Deal to the present.

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.

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 (5) :

A survey of the social, economic, and political development of subSaharan Africa from the age of West African empires to the colonial era to the modern age of independence and nationalism.

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.

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. Historical Geography of the United States (5) :

Pr., Junior standing. 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 GY 360.) 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. The American Religious Experience (5) :

Pr., Junior standing. An exploration of religious diversity in America, including skepticism and nonbelief, from colonial times to the present. The emphasis will be on religious experience rather than institutions. 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. Critical Issues in American History (5) :

Pr., Junior standing. A study of the significant political, economic, and social controversies which have influenced the development of the United States since colonial times. Concurrent with HY 619.

429. Critical Issues in Non-U.S. History (5) :

Pr., Junior standing. A study of the significant political, economic, and foreign controversies which have influenced the development of areas outside of the United States. Concurrent with HY 629.

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 I-P/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 workplace. 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 I-P/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.

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.

493. Historical Methods (5) :

Pr., Junior standing. An analysis of the techniques used in the research and writing of history. Recommended for history majors. Concurrent with HY 693.

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.)

270. Survey of European Literature I (5) :

Pr., EH 102. European literature in translation from the 18th century to the present.

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-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. (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 Change (5) :

Pr. ANT 211 and junior or Senior standing. Contemporary primitive, traditional, and urban cultures, and recent research in cultural change. (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. Teaching Foreign Languages (5) :

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.

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 (5) :

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.

302. Introduction to French Literature (5) :

Pr., INF 223 or equivalent. Focus will be announced at each scheduling of the course. May be repeated once for credit as the topic changes.

312. Advanced French Conversation and Composition (5) :

Pr., INF 223 or equivalent. Emphasis on the development of correct colloquial expression in speech; discussions and writing will center around current events in the French-speaking world. All of the above towards the refinement of written and oral style.

322. 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.

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.

303. Introduction to Hispanic Literature (5) :

Pr., INS 233 or equivalent. Focus will be announced at each scheduling of the course. May be repeated once for credit as the topic changes.

313. Advanced Spanish Conversation and Composition (5) :

Pr., INS 233. Emphasis on the development of correct colloquial expression in speech; brief essays on contemporary topics; letter writing. All of the above towards the refinement of oral and written style.

323. Commercial Spanish (5) :

Pr. INS 233. The aim of this class is to provide students with a solid foundation in business vocabulary, basic business and cultural concepts, and situational practice necessary to be successful in today's Spanishspeaking 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.

304. Introduction to German Literature (5) :

Pr., ING 243 or equivalent. Focus will be announced at each scheduling of the course. May be repeated once for credit as the topic changes.

314. Advanced German Conversation and Composition (5) :

Pr. ING 243 or consent of instructor. Emphasis on the development of correct colloquial expression in speech; written work includes brief essays, creative writing, and personal correspondence. Selected grammatical topics are reviewed.

324. Commercial German (5) :

Pr., ING 243 or consent of instructor. 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

INA 151. Arabic 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 152. Arabic 2 (5) :

Pr., INA 151 or equivalent. A continuation of INA 151. Emphasis on the acquisition of vocabulary through reading and oral practice.

INA 153. Arabic 3 (5) :

Pr., INA 152 or equivalent. A continuation of INA 152. The emphasis shifts progressively to conversation and dialogue.

INH 155. Modern Hebrew 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.

INH 156. Modern Hebrew 2 (5) :

Pr., INH 155 or equivalent. A continuation of INH 155. Emphasis on the acquisition of vocabulary through reading and oral practice.

INH 157. Modern Hebrew 3 (5) :

Pr., INH 156 or equivalent. A continuation of INH 156. 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.

INT 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.

MUSIC (MU)

200. Fundamentals of Music (5) :

Introduction to the basic elements of music, including, scale, 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.

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.

298. Independent Study in Applied Music (1-2).

Pr., departmental approval. Private music instruction: instrumental, vocal, and music writing techniques may be studied privately by any student who can provide his or her own instrument and practice facilities. A supplement in addition to full- or part-time regular tuition will be charged as follows: \$100 per quarter for a half-hour lesson per week (1 credit); \$175 per quarter for an hour lesson per week (2 credits).

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.

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.

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.

450. Sociological Analysis of American Society (5) :

Pr., SY 201 and junior or Senior standing. An analysis of major American social institutions, including the family, religion, education, government, and economy. Social organization, value and normative systems, population, social stratification, and social change are also considered. This course may be taught concurrently with SY 650.

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.)

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 postWorld 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 wellmade 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 (5) :

Pr., Junior standing. History of the American stage and American dramatic literature from colonial times to 1911, including the works of Tyler, Dunlap, Stone, Bird, Mowatt, Aiken, Baker, Harriagan, Howells, Hoyt, Herne, Moody, Mitchell, and Fitch.

476. American Theatre and Drama II (5) :

Pr., Junior standing. A study of major developments in the history of American theatre from 1911 to the present, emphasizing the works of playwrights such as O'Neill, Williams, Wilder, Hellman, Miller, Inge, and Albee.

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. Kathryn Barnett, 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 degree in Nursing (B.S.N.). Upon successful completion of the program, the graduate is eligible to write 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 100 quarter hours of nursing courses. 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

Course	Hours
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 ¹	5
Literature ²	5
Literature/philosophy ²	5
Fine Arts ³	5
Computer Literacy	2
NUR 260/265 Introduction to Health Care/ Health Care Review for Registered Nurses	3
Total	100

¹ Political Science: PO 101 or PO 102.

² 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 the literature course.)

³ 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 15.

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.

In order to be considered for admission, the student must have a minimum of 2.5 (on a 4.0 scale) grade point average on the required lower division courses. From this pool of applicants, candidates will be ranked on the basis of their grade point average and the most qualified applicants will be offered admission.

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). Registered nurses should contact the School of Nursing for further details of the Prescriptive Plan.

Applications for admission of registered nurses to the following summer quarter must be submitted to the School of Nursing by February 15 of each 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

Effective fall quarter, 1993, assessment of competency in written English will be required prior to student progression from junior year to senior year in the School of Nursing.

Students who are found to have deficiencies in written English usage will be required to achieve a "C" or higher in EH 300 Competency in Writing prior to enrolling in senior year nursing courses. Any student who is unable to achieve a "C" or higher 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. Students who receive a grade of "D" or "F" may repeat the course one time. A satisfactory clinical grade is required to pass nursing courses with laboratory components. 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.

Course prerequisites must be completed as outlined in the Auburn University at Montgomery Undergraduate Catalog. BI 3 16 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.

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
Total	18

Second Quarter

NUR 362 Legal Aspects of Nursing	4
NUR 372 Health Throughout the Life Span	8
NUR 382 Wholistic Nursing I	4
Total	16

AUBURN UNIVERSITY AT MONTGOMERY

Third Quarter

NUR 363 Ethics in Nursing	4
NUR 373 Functional Abilities and Human Needs I	8
NUR 383 Wholistic Nursing II	4
Total	16

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
Total	16

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
Total	16

Third Quarter

NUR 463 Transition to Professional Nursing	4
NUR 473 Management of Health Care	8
NUR 483 Wholistic Nursing V	6
Total	18

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)

NURSING (NUR)

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 (4) :

Pr., NUR 361. Laws, legal principles, and judicial processes impacting on professional nursing practice are studied.

363. Ethics in Nursing (4) :

Pr., NUR 361. 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 372. 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 (4) :

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 (4) :

Pr. 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 362, NUR 363. 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. 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. 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 373. 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 471. 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 472. 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 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 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 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 Sciences
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

Course	Hours
EH 101 English Composition	5
MH 150 College Algebra or MH 160 Pre-Calc. and Trig	5
HY 101 World History	5
Total	15

Second Quarter

Course	Hours
EH 102 English Composition	5
HY 102 World History	5
Science Elective ¹	
Total	15

Third Quarter

Course	Hours
PO 101 Constitutional Foundations of American Democracy	5
PG 211 General Introductory Psychology	5
MH 267 Elementary Statistics	5
Science Elective ¹	5
Total	20

¹ 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 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 preoptometric 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 172), Mathematics (PMM - page 186), and Physical Science or Chemistry (PMP - page 188). 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	Hours
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
Total	115

Pre-Veterinary Medicine (PVM)

Students who plan to attend veterinary school at Auburn should check with the pre-veterinary advisor in the Biology Department at AUM. There are several pre-veterinary curricula and an early choice is advisable. In general, the following courses should be included in the program.

Course	Hours
General Chemistry (CH 101, CH 102, CH 103)	15
Organic Chemistry (CH 301, CH 302)	10
Physics (PS 210, PS 211, PS 207 or PS 212)	15
Biology (BI 101, BI 102, BI 103)	15
Microbiology (BI 201)	5
Genetics (BI 330)	5
Biomedical Vocabulary (BI 141)	3
Advanced Expository Writing (EH 305)	5
Mathematics (MH 160, MH 161) ¹	10
English Composition (EH 101, EH 102)	10
World History (HY 101, HY 102)	10
American Government (PO 102)	5

¹ Note that PS 301 has a prerequisite of MH 163.

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:

Course	Hours
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 (EC 201, 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 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. 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 in engineering studies at schools other than AU. Students who plan to continue their engineering 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 freshman year pre-engineering curriculum is uniform for students in most areas of engineering; the sophomore year engineering curriculum varies among the different fields of engineering. Courses taken in the sophomore year are to be selected in consultation with a PEN advisor. Students who plan to major in Chemical Engineering (CHE), Computer Engineering (CPE), or Computer Science (CS) may complete only about one year of their work at AUM. These curricula at AU differ considerably from the PEN curriculum given below; students interested in these curricula should discuss specific requirements with a PEN advisor.

Not all courses in the curriculum given below need to be taken in the order listed; however, there are numerous prerequisite and/or corequisite requirements that must be met. This 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.

Pre-Engineering Curriculum

First Quarter

Course	Hours
MH 161 Anal. Geom. & Calc. I	5
CH 101 General Chemistry I	5
EH 101 English Composition I	5
EN 102 Graph. Comm. & Design ⁴	5
Total	20

Second Quarter

Course	Hours
MH 162 Anal. Geom. & Calc. II	5
CH 102 General Chemistry II	5
EH 102 English Composition II	5
PS 210 General Physics I	5
Total	20

Third Quarter

Course	Hours
MH 163 Anal. Geom. & Calc. III	5
PS 211 General Physics IP	5
HY 101 World History	5
CS 120 Sci. Prog. ^{1,3}	5
Total	20

Engineering Sophomore Year**First Quarter**

Course	Hours
MH 264 Multivariable Calculus	5
PS 212 General Physics III	5
EN 205 App. Mech: Statics	5
HY 102 World History	5
Total	20

Second Quarter

Course	Hours
MH 269 Ordinary Diff. Eqns	5
EN 207 Mech. of Solids	5
EN 321 App. Mech: Dynamics ¹	5
EN 261 Lin. Circuit Anal. I	5
Total	20

Third Quarter

Course	Hours
EN 301 Thermodynamics I	5
EN 411 Engineering Stat. ²	5
EH 303 Technical Writing	5
PH 310 Ethics	5
Total	20

¹ The CHE curriculum at AU will not accept this course.

² The AN, CHE, and MTL curricula at AU will not accept this course; it is a technical elective for AE, ME, and TE.

³ CPE and CS students take CS 200 in addition to CS 120.

⁴ Technical elective for all curricula; required for IE.

In addition to the courses listed above, certain humanistic-social science courses are required for all curricula, and other courses are required or elective for specific curricula:

Humanistic-social science courses required in all curricula at AU:
EH 260, EH261, PG 211, PO 101

Courses required or elective in specific curricula at AU:
See your PEN advisor or contact:
Engineering Student Services
College of Engineering
Auburn University, AL 36849-5330
Telephone (205) 844-4310

BIOLOGY MAJOR (BI)

Students interested in Biology as a major have seven distinct options in planning their course work. The student who is likely to continue his studies in graduate school or in professional schools is advised to select the Biological Science option. The Microbiology option is for students planning careers in microbiology and preparing for graduate school. The Molecular Biology option is useful to those planning

careers in research, academics, and related science fields or in preparing for graduate school. Pre-Veterinary Medicine is for those students who plan to attend Veterinary School.

The Biology Department also offers two study plans that provide training in the environmental area. These plans allow students great latitude in selecting programs suitable for their particular interests within the rapidly diversifying and expanding areas of environmental science, technology, and management. Students interested primarily in jobs involving laboratory measurements and field work or in attending graduate school in ecology and related fields should select the more technical plan. The other plan is designed for students desiring basic understanding of environmental situations coupled with a wide choice of minor fields such as government, business, and sociology.

Students selecting the Environmental Science option may be eligible for the Cooperative Education Program. This program allows students to obtain work experience in their field while continuing their education. In a typical cooperative study program, a student alternates quarters of work and study. During working quarters, the student is paid by the employing agency. Environmental majors might work for agencies such as the Alabama Water Improvement Commission or the Alabama Environmental Health Laboratories. The experience gained in a cooperative study program is valuable as training and provides a competitive advantage in the job market after graduation. To be eligible for cooperative study, a student must have and maintain at least a 1.50 quality point average. Since employers want students to work for several quarters, the cooperative study program should be started by early in the junior year at the latest.

MEDICAL TECHNOLOGY (MTY)

This Biology option is designed for students who want a background in laboratory techniques and theory with an emphasis in the Medical Laboratory Sciences at the Clinical Laboratory level. The training and experience available in this option will develop entry level skills necessary to perform as a working laboratorian in various areas of clinical and non-clinical laboratory analysis. Due to the varied exposures to many fields of investigative work, the option is also beneficial to graduate school candidates.

The areas of training include chemistry, special chemistry, instrumentation, microbiology (bacteriology, parasitology, and mycology), hematology, immunohematology (blood banking), immunology and serology, toxicology, virology and tissue culture, laboratory management, and computer-based analysis. The program is nationally accredited by the College of Allied Health Education and Accreditation in conjunction with the National Accrediting Agency for Clinical Laboratory Sciences.

The goal of the program is to give the student hands-on experience with state-of-the-art laboratory equipment so that a graduate is able to compete in a demanding laboratorian job market.

The program is a "2 + 2" university-based type in which there are two years of academic preparation and two years of specific preparatory courses to include 12 consecutive months of technical preparation in the professional year. The professional year is divided into two segments: (1) six months of training in the university-based laboratory, and (2) six months of training in an affiliated hospital clinical laboratory. Clinical experience and rotation sites are available at Alabama Reference Laboratories, Montgomery, Alabama; Baptist Medical Center, Montgomery, Alabama; East Alabama Medical Center, Opelika, Alabama; Humana Hospital Montgomery, Montgomery, Alabama; Jackson Hospital, Montgomery, Alabama; Roche Diagnostics Laboratories, Birmingham, Alabama; Southeast Alabama Medical Center, Dothan, Alabama; and West Georgia Medical Center, LaGrange, Georgia.

The entrance into a clinical facility is competitive, being based on course background, grade point average, letters of recommendation, and a personal interview at the clinical facility. A 1.75 overall grade point average and a 2.00 in the physical and biological sciences is recommended. A minimum of 200 quarter credit hours is required for a B.S. degree. Electives should include courses that will benefit the student in the medical technology profession. The course schedule followed by a student in the Medical Technology option will be reviewed and modified if necessary by the program director in order to meet the essentials. Student eligibility for the program can be determined by a Medical Technology Review Committee set up 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 eligible for the appropriate certifying examination(s).

Further requirements: (1) AUM students transferring to the Medical Technology option must complete one year prior to the professional phase in the Medical Technology option; (2) transfer students from other institutions must complete 100 quarter hours in the Medical Technology option at AUM.

The following serve as clinical instructors in the AUM Medical Technology program:

Alabama Reference Laboratory, Montgomery, Alabama

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Adams, Dr. Robert, Instructor of Clinical Pathology
Hargrave, Brenda, Clinical Instructor of Chemistry
Messick, Rick, Clinical Instructor of Hematology and Immunohematology
Stokley, Susan, Clinical Instructor of Microbiology
Young, Kathy, Clinical Instructor/Program Director

Baptist Medical Center, Montgomery, Alabama

Goolsby, Brenda, Clinical Instructor of Immunohematology
Hodge, Sherri, Clinical Instructor of Chemistry
Jackson, Denise, Clinical Instructor/Program Director
Smith, Barbara, Clinical Instructor of Hematology
Smith, Diane, Clinical Instructor/Administrative Director
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
Racey, Sylvia, Clinical Instructor of Chemistry
Shaw, Linda, Clinical Instructor/Coordinator
Washington, Diane, Clinical Instructor of Microbiology

Humana Hospital Montgomery, Montgomery, Alabama

Crume, Gayle, Clinical Instructor/Laboratory Manager
Dispanett, Rena, Clinical Instructor of Microbiology
Gubin, Dr. N., Clinical Instructor of Pathology/Medical Director
Harris, Cindi, Clinical Instructor of Immunohematology
Odoware, Mary, Clinical Instructor of Hematology
Tarver, Rhonda, Clinical Instructor of Chemistry

Jackson Hospital, Montgomery, Alabama

Barker, Edna G., Clinical Instructor of Medical Microbiology
Harris, Patricia, Clinical Instructor of Immunohematology
Hattaway, Karen, Clinical Instructor of Chemistry
Helton, Rogers, Clinical Instructor of Immunohematology
Johnson, Wyvonne, SC, Clinical Instructor of Chemistry
Nichols, Ruth, Clinical Instructor of Hematology

Roche Diagnostics Laboratory, Birmingham, Alabama

Anderson, Debbie, Clinical Instructor/Coordinator
Cottrell, David, Clinical Instructor of Chemistry
Henderson, Margaret, Clinical Instructor of Microbiology
Schultz, Charlotte, Clinical Instructor of Hematology
Smith, Kathy, Clinical Instructor of Immunohematology

Southeast Alabama Medical Center, Dothan, Alabama

Cole, Kenneth, Clinical Instructor/Coordinator
Davis, Barbara, Clinical Instructor of Microbiology
Hundley, Diane, Clinical Instructor of Chemistry
Medley, Karen, Clinical Instructor of Hematology and Coagulation
Daniels, Wayne, Clinical Instructor of Immunohematology

West Georgia Medical Center, LaGrange, Georgia

Bachman, Linda, Clinical Instructor of Microbiology
Chumly, Carol, Clinical Instructor of Chemistry
Davidson, Joeline, Clinical Instructor/Laboratory Director
Friesen, Melinda, Clinical Instructor of Hematology

Biological Science Option in Biology (BBS)

Freshman Year

First Quarter

Course

CH 101 General Chemistry
MH 150 College Algebra or MH 160 Pre calc. & Trig
BI 101 Principles of Biology
Total

Hours

5
5
5
15

Second Quarter

Course	Hours
CH 102 General Chemistry	5
MH 161 Anal. Geo. & Calc	5
BI 103 Animal Biology	5
Total	15

Third Quarter

Course	Hours
CH 103 General Chemistry	5
EH 101 English Composition	5
BI 102 Plant Biology	5
Total	15

Sophomore Year**First Quarter**

Course	Hours
EH 102 English Composition	5
PS 210 General Physics I	5
Elective	5
Total	15

Second Quarter

Course	Hours
EH 253 or EH 257 or EH 260	5
PS 211 General Physics II	5
Elective	5
HY 101 World History	5
Total	20

Third Quarter

Course	Hours
EH 254 or EH 258 or EH 261	5
BI 201 General Microbiology	5
SY 201 Intro. to Sociology	5
HY 102 World History	5
Total	20

Junior Year**First Quarter**

Course	Hours
CH 301 Organic Chemistry I	5
EH 303 or EH 305 or EH 306	5
BI 420 Ecology	5
BI 141 Biomed. Vocabulary	5
Total	20

Second Quarter

Course	Hours
CH 302 Organic Chemistry II	5
PG 211 General Introductory Psychology	5
BI 330 Genetics	5
EH 305 Adv. Expos. Writ	5
Total	20

Third Quarter

Course	Hours
Communication Elective	5
BI 410/BI 475	5
MH 267 Elementary Statistics	5
Total	15

Senior Year¹**First Quarter**

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Course	Hours
Biology Elective	5
PO 101 or PO 102	5
Elective	5
Total	15

Second Quarter

Course	Hours
BI 495 Perspectives in Biology	5
BI 499 Senior Seminar in Biology	2
Electives	10
Total	16

Third Quarter

Course	Hours
BI 415 Vertebrate Physiology or BI 435 Cell Biology	5
Electives	10
Total	15

Total **200 quarter hours**

¹ Students considering graduate school or professional schools are urged to take PS 207 Electricity and Magnetism.

Environmental Option in Biology (BES)

For those interested in a general, non-technical approach to environmental principles and issues, the following sequence of courses is offered.

Freshman Year

First Quarter

Course	Hours
BI 101 Principles of Biology	5
EH 101 English Composition	5
HY 101 World History	5
Total	15

Second Quarter

Course	Hours
BI 103 Animal Biology	5
EH 102 English Composition	5
MH 150 College Algebra or MH 160 Pre calc. & Trig. or MH 161 Calculus I	5
Total	15

Third Quarter

Course	Hours
BI 102 Plant Biology	5
PS 211 General Physics II	5
HY 102 World History	5
Total	15

Sophomore Year

First Quarter

Course	Hours
CH 101 General Chemistry	5
BI 420 Ecology	5
PO 101 or PO 102	5
Total	15

Second Quarter

Course	Hours
CH 102 General Chemistry II	5
SY 201 Intro. to Sociology	5
EH Literature Elective	5
Total	15

Third Quarter

Course	Hours
BI 320 Field Biology	5
MH 267 Elementary Statistics	5
EH Literature Elective	5
COM Communication Elective	5
Total	20

Junior and Senior Years

A minimum of 35 additional hours in biology courses (200 level and above) is necessary. Required courses are BI 421, BI 490, either BI 450 or BI 422, and 20 additional hours to be selected from BI 201, BI 330, BI 402, BI 450, BI 406, BI 422, BI 445, and BI 451. Two minors or one double minor must be selected.

Suggested areas for minors are Information Systems, Chemistry, Mathematics, Business Management, Economics, Political Science, History, Psychology, and Sociology. Courses of particular application to environmental problems and changes that are suggested include BI 445, EC 200, PO 417, PG 211, PG 312, PG 418, SY 202, SY 401, IS 207, IS 330, GY 201, GY 221, PHS 110, PHS 120, MH 161, MH 162, MH 163, MH 264, and MH 266.

Total--200 quarter hours**Microbiology Option in Biology (BMB)****Freshman Year First Quarter**

Course	Hours
CH 101 General Chemistry	5
MH 150 College Algebra or MH 160 Pre calc. & Trig	5
HY 101 World History	5
Total	15

Second Quarter

Course	Hours
CH 102 General Chemistry	5
BI 101 Principles of Biology	5
MH 267 Elementary Statistics	5
Total	15

Third Quarter

Course Hours	
CH 103 General Chemistry	5
BI 102 Plant Biology	5
EH 101 English Composition	5
Total	15

Sophomore Year**First Quarter**

Course	Hours
BI 201 General Microbiology	5
EH 102 English Composition	5
CH 301 Organic Chemistry	5
Total	15

Second Quarter

Course	Hours
MH 161 Anal. Geo. & Calc	5
BI 103 Animal Biology	5
CH 302 Organic Chemistry	5
Total	15

Third Quarter

Course	Hours
BI 210 Human Anat. & Phys	5
EH 303 or EH 304 or EH 305	5
HY 102 World History	5
Elective	5
Total	20

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Junior Year

First Quarter

Course	Hours
BI 401 Medical Microbiology	5
BI 330 Genetics	5
PS 210 General Physics I	5
Elective	5
Total	20

Second Quarter

Course	Hours
BI 407/BI 460	5
BI 403 General Virology	5
PS 211 General Physics II	5
Total	15

Third Quarter

Course	Hours
BI 404 General Mycology	5
CH 420 Biochemistry	5
Communication Elective	5
Elective	5
Total	20

Senior Year

An additional 50 hours selected by the student in consultation with his or her advisor and including either BI 405 Microbial Physiology or BI 406 Microbial Ecology.

Total--200 quarter hours

Molecular Biology Option (MOB)

Freshman Year First Quarter

Course	Hours
EH 101 English Composition	5
BI 101 Principles of Biology	5
MH 150 College Algebra or MH 160 Pre calc. and Trig	5
Total	15

Second Quarter

Course	Hours
BI 102 Plant Biology	5
EH 102 English Composition	5
MH 161 Anal. Geo. & Calc. I	5
Total	15

Third Quarter

Course	Hours
BI 103 Animal Biology	5
CS 100 Survey of Computer Applications	5
PO 101 Const. Found. of American Democracy or	
PO 102 American State & National Government	5
Elective ¹	5
Total	20

Sophomore Year First Quarter

Course	Hours
CH 101 General Chemistry	5
MH 267 Elementary Statistics	5
SY 201 Intro. to Sociology	5
Total	15

Second Quarter

Course	Hours
CH 102 General Chemistry	5
EH 303 Tech. Writing or EH 305 Adv. Expos. Writing	5
BI 201 General Microbiology	5

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Total	15
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Third Quarter

Course	Hours
CH 103 General Chemistry	5
BI 330 Genetics	5
PG 211 Psychology ¹	5
Elective ¹	5
Total	20

Junior Year First Quarter

Course	Hours
CH 301 Organic Chemistry I	5
I-P/101 World History	5
BI 350 Bio. Instrumentation or BI 435 Cell Biology	5
Total	15

Second Quarter

Course	Hours
CH 302 Organic Chemistry II	5
HY 102 World History	5
BI 141 Biomed. Vocabulary	5
Total	15

Third Quarter

Course	Hours
CH 420 Biochemistry	5
COM 202 Intro. to Human Com. or COM 311 Public Speaking	5
Elective ¹	5
Elective ¹	5
Total	20

Senior Year First Quarter

Course	Hours
PS 210 General Physics	5
BI 407 Immunobiology	5
Elective ¹	5
Elective ¹	5
Total	20

Second Quarter

Course	Hours
PS 211 General Physics II	5
Elective ¹	5
Elective ¹	5
Total	15

Third Quarter

Course	Hours
BI 460 Molecular Genetics	5
BI 499 Senior Seminar	2
Elective ¹	5
Elective ¹	5
Total	17

¹ Electives should consist of at least one 400 level biology course and the remainder to be determined with the advisor from an approved list.

Medical Technology Option in Biology (MTY)

Course	Hours
Biology	25
Chemistry	25
English	10

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Computer Analysis	5
History	10
Mathematics	10
Approved Upper Science Courses ¹	10
Clinical Internship ²	70

¹ Credit toward a degree will not be allowed for introductory or survey courses.

² To obtain credit for the internship, the entire year must be completed in 12 consecutive months.

The following schedule should be followed by freshmen until a course schedule can be developed. Students should contact a medical technology advisor as soon as possible. Chemistry, biology, and medical technology courses are sequenced and timing is very important.

Freshman Year

First Quarter

CH 101 General Chemistry

MH 150 College Algebra

HY 101 World History

Second Quarter

CH 102 General Chemistry

BI 101 Principles of Biology

EH 101 English Composition

Third Quarter

CH 103 General Chemistry

BI 201 General Microbiology

EH 102 English Composition

For the sophomore, junior, and senior years a signed class schedule must be obtained from one of the medical technology faculty. This will ensure that program and national accreditation requirements are met and the professional rotation is scheduled as soon as possible. The professional phase begins one time a year in the spring. Medical technology should not be confused with laboratory technology since the goals are different.

ALABAMA MARINE ENVIRONMENTAL SCIENCES CONSORTIUM

The Dauphin Island Sea Lab represents Alabama's unique approach to education and research in the ocean. A group of 20 colleges and universities have pooled not only their financial resources but also their academic and intellectual resources to form one marine campus, where marine environmental sciences are taught and marine-oriented research is accomplished.

Specific facilities available to the Consortium include Dauphin Island Sea Lab, Point Aux Pins Marsh Lab, Hydrolab, and Bayou La Batre Vessel Facility, classrooms, over 1,300 square feet of research space, and 750 square feet of office space. The Sea Lab can accommodate 250 persons in residence; support facilities include an apartment building, two dormitories, a cafeteria, 13 three-bedroom family houses, and maintenance shops.

The academic schedule comprises the January inter-term, May inter-term, two summer sessions, September pre-term, and fall term.

AUM is a member of the Consortium. Interested students should contact Dr. John Aho in the Biology Department.

Marine Environmental Sciences (MES)

200. Ocean Science.

An introduction to the marine environment; lecture, laboratory, and field work are included. No prerequisites. Six quarter hours-undergraduate credit.¹

203. Coastal Climatology.

An introduction to the physical factors which result in climatic conditions of coastal regions, with emphasis on the northern Gulf of Mexico. No prerequisites. Three quarter hours--undergraduate credit.

204. Commercial Marine Fisheries of Alabama.

Exploitation and biology of commercial vertebrates and invertebrates of Alabama and the adjoining Gulf of Mexico, with emphasis on distribution, harvesting technology, processing, and economic values. Laboratory

exercises include visits to local processing plants and a trawling expedition aboard the PJV G.A. Rounsefell. Three quarter hours--undergraduate credit.

205. Marine Biology.

A general survey of the invertebrates, vertebrates, and marine plants as communities, with emphasis on local examples of these principal groups. Lectures, laboratory, and field work are included. Prerequisites: general biology and permission of instructor. Six quarter hours--undergraduate credit.

401. Marine Invertebrate Zoology I.

A survey from Protozoa through Mollusca, with emphasis on local forms. This study covers taxonomy, life cycles, ecology, and evolution. Lecture, laboratory, and field work are included. Six quarter hours--undergraduate and graduate credit.

402. Marine Invertebrate Zoology II.

A continuation of Marine Invertebrate Zoology I. Annelida through the Protochordata will be studied in lecture, laboratory, and field trips. Prerequisite: Marine Invertebrate Zoology I. Six quarter hours--advanced undergraduate and graduate credit.

405. Marine Botany.

A general survey of marine algae, vascular and nonvascular plants associated with marine environment. Prerequisites: general biology and permission of instructor. Six quarter hours--advanced undergraduate and graduate credit.

410. Marine Geology.

Sampling techniques, laboratory analysis of sediments, application of the research process to problems in identifying sedimentary environments, topography, sediments, and history of the world oceans. Lecture, laboratory, and field work are included. Prerequisites: physical geology and permission of instructor. Six quarter hours--advanced undergraduate and graduate credit.

415. Marine Environmental Science.

Designed for teachers, but open to upper-level undergraduate and graduate students. Basic principles of ecology, techniques of laboratory and field studies, sources and control measures of pollution included. No prerequisites. Four and one-half quarter hours--advanced undergraduate and graduate credit.

422. Marine Technical Methods II.

An introduction to the laboratory methodology associated with the usual chemical parameters of "nutrient analysis." Prerequisite: permission of instructor. Three quarter hours--advanced undergraduate and graduate credit.

430. Marine Ecology.

Bioenergetics, community structure, population dynamics, predation, competition, and speciation in marine ecosystems are studied. Students who have not previously had marine courses may enroll. Prerequisites: general biology, general chemistry, general physics, and permission of instructor. Six quarter hours--advanced undergraduate and graduate credit.

440. Marine Vertebrate Zoology.

A study of marine fishes, reptiles, and mammals, with an in-depth, comprehensive treatment of their systematics, zoogeography, and ecology. Prerequisites: general biology and permission of instructor. Six quarter hours--advanced undergraduate and graduate credit.

445. Coastal Ornithology.

Study of coastal and pelagic birds with emphasis on ecology, taxonomy, and distribution. Prerequisite: permission of instructor. Six quarter hours--advanced undergraduate and graduate credit.

450. Introduction to Oceanography.

An introduction to the physics, chemistry, biology, and geology of the oceans. Prerequisites: college algebra, general physics, and general chemistry. Six quarter hours--advanced undergraduate and graduate credit.

455. Recent Marine Sedimentation.

Includes properties of marine sediments, coastal sedimentary environments, continental margin sediments, reef and associated sediments, deep sea sediments, and marine geophysics. Emphasis in the field on the

erosional and depositional effects of waves and currents. Prerequisites: introductory marine geology, oceanography. Six quarter hours--advanced undergraduate and graduate credit.

490. Seminar.

Discussion of current research, scientific progress, and problems in the marine environment with equal participation by students, faculty, and visiting scientists. Students are not required to enroll in seminar, but must attend to qualify for credit in any other course. One and one-half quarter hours--undergraduate and graduate credit.

¹ Lab Fees

Research on Special Topics

Students may enroll by special arrangement in any of the subjects listed. Prerequisite: permission of instructor. Students should note which term they wish to take special topics in a particular subject. Only Marine Science Program resident faculty will be available for special topics both terms. Other instructors will be available only in the time period listed for their respective courses. Courses carry one to nine quarter hours of advanced undergraduate and graduate credit.

Master's Thesis and Doctoral Dissertation

Members of the University of Alabama Marine Science Program resident staff on Dauphin Island will be available year round to Consortium students to supervise resident graduate research projects and conduct special topic courses in many areas of Marine Science. Contact the Consortium Executive Director for information.

Graduate Courses

The graduate course titles are listed below. For additional information concerning content, credits, and scheduling, check with Dr. James White of the AUM Department of Biology.

Oceanology of the Gulf of Mexico, Fishery Economics, Benthic Community Structure, ¹ Physiology of Marine Animals, ¹ Scientific Data Management, Marine Zoogeography, ¹ Plankton, ¹ and Seminar.

¹ Lab fees.

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.

Students transferring from a community college associate degree program which articulates with the Department of Justice and Public Safety program at AUM may transfer up to the equivalent of 40 quarter hours of justice and public safety course work. General education courses completed at a community college may be substituted for those general education courses required in the AUM baccalaureate program.

The 40 quarter hours of lower division justice and public safety course work may be used as lower division electives with one exception. If a community college criminal justice or public safety program offers courses comparable to JP 201-202, Introduction to Justice and Public Safety, they may be substituted and counted toward the major course work requirement.

Students seeking the bachelor's degree in Justice and Public Safety must complete the following general studies courses.

Required General Studies Courses ¹

Course	Hours
EH 101, EH 102 English Composition ²	10
MH 150 College Algebra or MH 160 Pre-Calculus and Trigonometry	5
MH 267 Elementary Statistics	5
HY 101, HY 102 World History	10
PO 101 Constitutional Foundations of American Democracy	5
PO 102 Institutions of American State and National Government	5
Science Electives (Biological or Physical)	10
PG 211 General Introductory Psychology, plus one elective in Psychology	10
Total	60

¹ Must maintain 2.0 GPA (on a 4.0 scale).

² Must have "C" average.

Students majoring in Justice and Public Safety must take the following core requirements, regardless of their specific option:

Course	Hours
JP 201 Introduction to Justice and Public Safety I	5
JP 202 Introduction to Justice and Public Safety II	5
JP 304 Crime in Our Society	5
JP 362 Criminal Law	5
JP 470 Research Methodology	5
Total	25

Students majoring in Justice and Public Safety will be required to complete 50 hours in a specific option. The student has the choice of five options to satisfy this requirement: Corrections-Juvenile Justice, Jurisprudence, Law Enforcement Administration, Legal Assistant, and Security Administration.

In addition, the student has a choice of 65 hours of electives, which should be taken with the student advisor's concurrence. The Bachelor of Science degree, regardless of the option selected, requires a total of 200 quarter hours of work.

Corrections--Juvenile Justice Option

Courses Required

JP 216 Introduction to Security
 JP 351 Corrections: Theory and Practice
 JP 353 Community Corrections
 JP 354 The Juvenile Justice System
 JP 355 Family Law I
 JP 454 Juvenile Justice Law
 JP 455 Correctional Management
 JP 456 Legal Interviewing
 JP 457 Corrections: Rights and Responsibilities
 JP 467 Family Law Jurisprudence Option

Courses Required

AC 201 Introductory Accounting
 AC 202 Introductory Accounting
 PH 203 Logic
 EH 305 Advanced Expository Writing
 EH 306 Business and Professional Writing
 JP 363 Evidence
 JP 456 Legal Interviewing
 JP 460 Legal Research Seminar
 JP 464 Criminal Procedure
 JP 490 Legal Scholarship

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

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JP 451 Justice and Public Safety Planning
JP 456 Legal Interviewing
JP 464 Criminal Procedure

Legal Assistant Option

Courses Required (Choose 10 courses, five required and five electives)

JP 312 Investigative Methods
JP 362 Criminal Law¹
JP 363 Evidence¹
JP 355 Family Law I
JP 372 Probates, Wills, Estates and Trusts
JP 373 Real Property Law
JP 374 Law Office Management
JP 452 Civil Law I
JP 453 Civil Law II
JP 454 Juvenile Justice Law
JP 456 Legal Interviewing
JP 457 Corrections: Rights and Responsibilities¹
JP 460 Legal Research Seminar¹
JP 464 Criminal Procedure¹
JP 465 Civil Litigation¹
JP 466 Court and Judicial Administration
JP 467 Family Law II
JP 468 Torts
JP 480 Paralegalism/Legal Ethics¹
JP 491 Directed Research
JP 495 Internship¹ Required courses 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 10 Legal Assistant option courses will be awarded the Legal Assistant Technician Certificate. Students completing an additional 10 Legal Assistant courses, for a total of 20 courses, will be awarded the Legal Assistant Administrator Certificate.

Students earning the Legal Assistant Technician Certificate (LAT) must complete 10 courses (50 quarter hours) of legal specialty courses and 8 courses (40 quarter hours) of general education courses for a total of 90 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.

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.

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

Non-Degree (Certificate) Candidates

The non-degree (certificate) programs are for individuals who are working in justice and public safety agencies and wish to

- (1) improve their knowledge in their profession;
- (2) prepare for promotional exams and professional advancement;
- (3) cross-train in another criminal justice career field; and

- (4) prepare for postretirement employment and may not desire or need a college degree. Bachelor of Science degree students who have completed the requirements for a certificate in their option may be awarded the certificate prior to graduation.

Certificate students are required to complete 10 courses or 50 quarter hours in one option with an overall grade point average of 2.0 (on a 4.0 scale) to qualify for a certificate.

Certificate programs and requirements are as follows:

- A. Corrections-Juvenile Justice Technician--any 10 courses in this option, including Justice and Public Safety core courses.
- B. Law Enforcement Planning and Management Technician--any 10 courses in this option, including Justice and Public Safety core courses.
- C. Legal Assistant Technician--any 10 courses in this option, including JP 362, JP 460, JP 464, JP 465, and JP 480.
- D. Legal Assistant Administrator Certificate--10 Legal Assistant option courses in addition to the 10 required for the Legal Assistant Technician Certificate for a total of 20 courses.
- E. Security Administration Technician--any 10 courses in this option, including Justice and Public Safety core courses.

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 and Physics (MHE), and an option in Mathematical Sciences with an emphasis in Computing (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

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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 or German
Two minors of 15 hours each or one double minor of 30 hours
Electives to total 200 hours

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 and Physics 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 205, EN 207, EN 261, EN 301, and EN 321

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 Computing must complete the following requirements in addition to the core courses:

CS 200 and CS 300

MH 267, MH 367, MH 420, MH 440, and MH 460 IS 231,

IS 232, IS 350, and IS 355

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.

Course	Hours
Chemistry ¹ (excluding CH 498)	45
Physics	15
Mathematics (including MH 267)	25
Biology and/or Foreign Language ²	25
English	25
Psychology	15
History	10
Approved Electives ³	40
Total	200

¹ Students may not obtain credit for both CH 210 and CH 301.

² Students intending to proceed to graduate school will often require at least 10 hours of a foreign language. Biology could include MTY courses.

³ 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.

Course	Hours
General and Organic Chemistry (including CH 103 and CH 303)	30
Chemistry Electives (laboratory courses)	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	10
Behavioral Science Electives (PO, PG, or Business)	10
Approved Electives	30
Total	200

¹ 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.

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. For example, recent data from the American Association of Medical Colleges show a success rate of 70% for the Physical Science applicants as compared to an overall success rate of 64%.

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 degree 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:

	Hours
1 A Broad Core of Lower Division Courses:	
English (HY 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 201, JP 202, or JP 460; SY 201; plus 5 hours selected from these courses: COM 101, COM 210, COM 225, GY 211, 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, or EH 258	5
Any of the above literature courses or PH 200 or PH 201	5

Total Hours of Core Course---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 (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,	35

- (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

Course	Hours
English Composition (EH 101 and EH 102)	10
World History (HY 101 and I-P/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 201 or JP 202)	5
Fine Arts or Liberal Arts (any fine arts or liberal arts course)	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
Total	80

Required Core Courses

The student majoring in Psychology must take the following core as part of the minimum requirement for the major:

Course	Hours
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
Total	27-30

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

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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

Area	Hours
General Studies	80
Psychology Major	55
Core Courses	(27-30)
Elective Psychology Courses	(25-28)
Minor	30
Electives	35
Total	200

DESCRIPTION OF COURSES (SCIENCES)

BIOLOGY (BI)

Professors Adams, Cairns (Emeritus), Denton (Head), and Okia
Associate Professors Hebert, Thomson, and White
Assistant Professors Aho, Barksdale, Brumlow, and Owens
Instructors McKee and Morrow

101. Principles of Biology (5) :

Lee. 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) :

Lee. 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. A basic survey of the chordates, especially vertebrates, with emphasis on taxonomic relationships and their major adaptations. Study of vertebrate anatomical and physiological systems.

104. Biology in Human Affairs (5) :

Lee. 5, 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) :

Lee. 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) :

Lee. 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) :

Lee. 4, Lab. 2, Pt. 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) :

Lee. 4, Lab. 4, Pr., BI 101. a study of the human body in An elementary course revolving y 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) :

Lee. 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) :

Lee. 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. Introduction to Marine Biology (5) :

Lee. 4, Lab 2, Pr. BI 101. Discussion of the major concepts of contemporary marine biology. Emphasis will be placed on the ecological relationships of organisms to the physical marine environment. Lecture, laboratory, and field trip.

330. Genetics (5) :

Lee. 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) :

Lee. 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.

401. Medical Microbiology (5) :

Lee. 4, Lab. 3, Pr., BI 201. Etiology, epidemiology, vector controls, identification, and pathogenesis of microorganisms of medical importance to man.

403. General Virology (5) :

Lee. 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, Pr., 30 quarter hours of biology courses. Primarily for biology majors; will include a historical review of great works and concepts in biology and appraisal of current works and trends of major significance in biology. Also covered will be information retrieval sources and systems for personal research purposes.

498. Independent Study (1-5; may be repeated for a maximum of 10 hours).

Pr. junior standing and departmental approval. For the superior student studying in biology. Library and/or practical experience in approved topics to be completed with a term paper or report.

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 (MTY/BI)

Robert Adams, Medical Director
Associate Professor Hebert (Program Director)
Assistant Professors Barksdale (Education Coordinator) and Brumlow

301. Clinical Laboratory Orientation (5) :

Lee. 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) :

Lee. 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 Immunochemistry (5) :

Lee. 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) :

Lee. 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) :

Lee. 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) :

Lee. 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) :

Lee. 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) :

Lee. 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) :

Lee. 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) :

Lee. 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 microcomputer.

401. Clinical Chemistry III (4) :

Lee. 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 Immuno-hematology 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 Immuno-hematology 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 (2) :

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) :

Lee. 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 micro-organisms 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, or 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, Mahaffy, Rawlings, Richardson, and Teggin (Head)
Associate Professor Thomas
Assistant Professor Russell Instructor 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) :

Lee. 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 H (5) :

Lee. 4, Lab. 3, Pr., CH 101. A study of solution chemistry, acid-base theory, kinetics, and equilibria.

103. General Chemistry III (5) :

Lee. 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) :

Lee. 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) :

Lee. 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) :

Lee. 4, Lab. 3, Pr., CH 301. A detailed study of the major functional groups in organic chemistry.

303. Organic Chemistry III (5) :

Lee. 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 quarter.

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) :

Lee. 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 summer quarter.

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 minicomputers, 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 is offered each spring 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. Duplicate credit will not be allowed for CS 120 and CS 200. CS 120 usually is offered in the evening each fall quarter and during the day each spring and each summer quarter.

200. Fundamentals of Structured programming (5) :

Lee. 3, Lab 6. Pr., MH 151 or MH 161. Introduction to time-shared computer systems; numeric and string processing with procedures and functions using structured programming concepts; recursion; files; data structures; analysis of algorithms. The programming language Pascal will be used. Duplicate credit will not be allowed for CS 120 and CS 200. CS 200 usually is offered each winter quarter.

300. Structured Programming II (5) :

Pr., CS 120 or CS 200. 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 spring quarter.

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.

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) :

Lee. 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 and each winter quarter in the evening.

205. Applied Mechanics: Statics (5) :

Pr., PS 210, Coreq., MH 264. 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 each spring quarter in the evening.

261. Linear Circuit Analysis I (5) :

Pr., PS 212, Coreq. MH 269. Basic laws and concepts; resistive circuits; network topology; R-L, RC, and operational amplifier circuits; circuit simulation using SPICE. EN 261 usually is offered each spring quarter in the evening.

301. 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 301 usually is offered each fall quarter during the day.

321. 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 321 usually is offered each winter quarter in the evening.

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 Vocino (Coordinator)
Associate Professor Slattery
Assistant Professor Rankin-Ullock

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)

Professor Osterhoff

Associate Professors McClurg (Head) and Schlotterback

Assistant Professor Shook

201. Introduction to Justice and Public Safety I (5) :

Core course. Examines the philosophy and history of crime, criminal behavior, and law as they relate to the criminal justice system. Discusses the law enforcement subsystem and organizational components as they relate to the administration of police agencies at the local, state, and federal levels of government. Offered fall and spring quarters.

202. Introduction to Justice and Public Safety II (5) :

Core course. Examines the philosophy and history of prosecution and defense attorney, court system, corrections, and juvenile justice system. Offered winter and summer quarters. May be taken before JP 201.

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 201 and JP 202 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. Crime in Our Society (5) :

Pr., JP 201 and JP 202, SY 201, and PG 211 or permission of instructor. Core course. Examination of social, political, economic, religious, legal, and emotional characteristics relating to crime in our society. Historical and modern perspectives with a multidisciplinary approach. Offered winter quarter.

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 201 and JP 202. 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 201 and JP 202, **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 communitybased programs are examined as to policies, procedures, and feasibility. Relationship to community service organizations is examined.

354. The Juvenile Justice System (5) :

Pr., JP 201, JP 202, **and** JP 304 or permission of instructor. History and development of traditional and current methods for responding to the needs of the juvenile offender. Process oriented approaches to the roles of involved agencies, with emphasis upon formal and informal treatment methods.

355. Family Law I (5) :

Pr., JP 304 or permission of instructor. An issues approach. Law relating to children's torts, contracts, and constitutional rights. Problems of custody in a mobile society. State intervention to ensure adequate parenting; illegitimacy; abuse; medical care; foster parenting; termination of parental rights.

362. Criminal Law (5) :

Pr. JP 201, JP 202, **and** JP 304 or permission of instructor. 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.

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 316 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. Offered spring quarter.

452. Civil Law I (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, and personal property. May be taught concurrently with JP 652.

453. Civil Law II (5) :

Pr., junior or Senior standing. To provide the student with an understanding of specific civil law subjects, including areas such as legal ethics, insurance, bankruptcy, administrative law, and taxation. May be taught concurrently with JP 653.

454. Juvenile Justice Law (5) :

Pr., JP 354 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.

456. Legal Interviewing (5) :

Pr., JP 201 and 202 or permission of instructor (CED 419 recommended). A problem solving orientation to communication in highly authoritative relationships with persons involved in the legal process, both civil and criminal.

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' fights 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.

460. Legal Research Seminar (5) :

Pr., A minimum of 3 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 memos and a legal brief. Advanced students will be introduced to computer assisted legal research and undertake a major individual research project regarding a significant legal problem. May be offered concurrently with JP 660.

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 posttrial 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 II (5) :

Pr., JP 355 or permission of instructor. Examination of the various aspects of the law relating to family relationships such as marriage, annulment, divorce, adoption, child support and custody, child abuse, and 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. 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.

480. Paralegalism/Legal Ethics (5) :

Pr., junior or senior standing and Legal Assistant Option or Legal Assistant Technician non-degree candidate. Survey of the occupational field of the "legal assistant" concerning matters such as ethics, law office management, legal research, law libraries, office equipment, and career opportunities. May be offered concurrently with JP 680.

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 361 Legal Research) and permission of advisor. Independent research into criminal justice problems, issues, and theories. Credit may not exceed 5 for any single project.

495. Internship (1-10) :

Pr., junior or senior standing and permission of advisor. Supervised standing in an administrative setting which provides the opportunity to integrate theory and practice in criminal justice agencies. Credit may not exceed 5 for any single internship.

MATHEMATICS (MH)

Professors Chambless, J. Hill, and Palmer (Director of Freshman Mathematics)
Associate Professors C. Huang, Liddell, Marks, Nanney, Nowell, F. Smith, and Woods (Head)
Assistant Professors Albree, Christian, and Peele
Instructors Jetton and Nunnelley

090. Developmental Mathematics (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) and "U" (not completed) 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.) MH 090 usually is offered every quarter. Credit for this course is in addition to minimum degree requirements.

100. Mathematical Insights (5) :

For students in the arts or humanities. The purpose of the course is to give students insight into the nature of mathematics by engaging them in mathematical thought processes within a suitable elementary framework. This course is not designed to prepare students for MH 150 or any other mathematics course; no student who intends to take another mathematics course should enroll in MH 100. Prior credit for any college mathematics course precludes credit for MH 100. If a student receives credit for MH 100 and then for any other mathematics course, MH 100 may be counted only for elective credit and then only by

permission of the student's dean. MH 100 usually is offered each fall quarter during the day and each spring quarter in the evening.

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.

281. Mathematics for Elementary Education I (5) :

Pr., MH 090 or an appropriate score on the AUM Mathematics Placement Test. Covers the mathematical concepts that form the basis for the mathematics taught in elementary school. Emphasis on topics related to numeration. MH 281 usually is offered during the day each fall quarter, each spring quarter, and each summer quarter and in the evening each winter quarter.

282. Mathematics for Elementary Education II (5) :

Pr., MH 281. A continuation of MH 281. Emphasis on topics related to geometry and measurement. MH 282 usually is offered during the day each fall quarter, each winter quarter, and each summer quarter and in the evening each spring 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 374. MH 367 usually is offered each winter quarter during the day and each summer quarter in the evening.

368. Applied Nonparametric Statistics (5) :

Pr., MH 267. Applications of nonparametric tests and estimates, to include binomial applications, contingency analysis, rank methodology, distribution free techniques, goodness of fit, randomization tests, and efficiency of nonparametric procedures and robustness of comparable procedures. Includes statistical computing using one of the standard software packages. MH 368 usually is offered only in the fall quarter of odd years.

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 240 and MH 266. 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.

460-461. Numerical Analysis I, II (5-5).

Pr., MH 266 and knowledge of an elementary computer language. Number systems and error propagation, solution of nonlinear equations, polynomial and spline interpolation, least squares approximations, numerical differentiation and integration, numerical solution of systems of linear equations, triangular factorization, matrix norms and condition numbers, iterative methods, eigenvalue problems, initial and boundary value problems. This course may be taught concurrently with MH 660-661. MH 460 usually is offered only in the winter quarter of even years. 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 H (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 Hamilton, Mahaffy, Rawlings, Richardson, and Teggin (Head)

Associate Professor Thomas

Assistant Professor Russell Instructor 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.

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.

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.

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.

PHYSICS (PS)

207. Electricity and Magnetism (5) :

Lee. 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) :

Lee. 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) :

Lee. 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) :

Lee. 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.

POLITICAL SCIENCE (PO)

Distinguished Lecturer Douglass Cater

Professors Elliott, Grafton, Nathan (Eminent Scholar), Permaloff, and Vocino (Head)

Associate Professors B. Moody and Wells

Assistant Professor 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 political systems such as Great Britain, France, and the Soviet Union. 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), Katz, and Sadowski

Associate Professor Slattery

Assistant Professors Gulgoz, LoBello, and Long

Instructor Witherspoon

211. General Introductory Psychology (5) :

A survey of the scientific study of behavior and mental processes, and how they are influenced. 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. 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. 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. 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. 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. Offered winter and summer quarters.

318. Personality (5) :

Pr., PG 211. A content-oriented survey of the objective, phenomenological, and psychoanalytic approaches to the study of personality. 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. Offered spring quarter.

323. Psychopathology (5) :

Pr., PG 211. A survey of abnormal behavior, its classification, diagnosis, causes and treatment. Offered spring quarter.

324. Correctional Psychology (5) :

Pr., PG 211. Analysis of individual and organizational behavior in criminal justice settings. 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. 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. Offered spring 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. 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. Offered fall and winter 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. 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. 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. Offered summer and winter quarters.

418. Theories of Personality (5) :

Pr., PG 211 and PG 318. An examination of the theories and methods used to study personality. 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. 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. 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. Offered winter 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. 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. 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. Offered every quarter.

AUM SCHOLARS PROGRAM

The AUM Scholars Program offers challenging and interesting 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 honor of being a University Scholar is recorded on the Scholar's transcript for each quarter of Scholars course work completed.

ELIGIBILITY

To become a University Scholar, 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 Scholars Committee;
- or an incoming freshman with an ACT of 26 or greater.

Eligible students are invited to participate in the Scholars Program during the fall, winter, and spring quarters of each academic year when the Scholars Colloquium and Scholars Study Courses are offered. Scholars may enroll in the Directed Readings/Research and the Senior Thesis or take existing courses in their major for additional Scholars credit during any quarter. Eligible students who register for any of the Scholars offerings are considered University Scholars for that quarter.

University Scholars have a variety of courses available to them. The Scholars Colloquium (199S) meets frequently during fall, winter, and spring quarters and is designed broadly as an introduction to the world of scholarship and culture. Scholars Study Courses (299S) 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 Scholar's major or minor field of study. Those Scholars interested in developing an original expository work can complete the Senior Thesis (499S). Scholars also can arrange to receive one hour of Scholars credit while taking existing courses in their major by arranging with the instructor and the Preceptor of the Scholars Program for acceptable supplemental work.

PARTICIPATION IN THE SCHOLARS PROGRAM

An eligible student may participate in the Scholars 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 the first level will graduate with the designation "University Scholar" on a special certificate. A student who participates on the first level may choose to write a thesis or may substitute additional courses carrying supplemental Scholars credit for the thesis option. A student who participates at the second level simply adds occasional Scholars 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 Scholars Colloquia (199S)	3 hours
3 Scholars Study Courses (299S)	15 hours
1 hour of supplemental Scholars credit for each of five existing courses in the student's major	5 hours
2 additional existing courses within the student's major along with 1 hour of supplemental Scholars 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 Scholars credit.

Level Two

This level is designed for those students who qualify for admission to the Scholars Program but choose to forego being designated as University Scholars 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 Scholars Program as they wish.

To enroll in 399S and 499S or receive supplemental Scholars credit for existing courses in the major students must obtain the approval of the Preceptor of the Scholars Program, the course instructor, and the appropriate department head.

Credit hours for Scholars courses are counted as part of the total tuition cost. Part-time students pay for Scholars 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 and provide well educated junior officers for the Active Army as well as the Army National Guard and Army Reserve. The curriculum is divided into two courses: a General Military Course open to all freshmen and sophomores and an Officer Development 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 gaining a commission as a Second Lieutenant. Courses are available to both male and female students.

A student undecided about pursuing a commission may keep this option open by participation in the General Military Course together with his chosen curriculum. The course provides freshmen and sophomores the opportunity to make an educated decision on the advantages of gaining 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 responsible and challenging commissioned officer fields, thus facilitating early middle management career development and progression. The student will not always be restricted to the classroom. Students could find themselves at Cheaha State Park rappelling or mountain climbing; trying to find themselves on a land navigation course or on a live fire exercise with an M16A1 rifle at Fort Benning, Georgia; or practicing the social amenities of a military ball at a local Officer's Club. 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 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 University. Freshman level courses are one hour a week, while Sophomore level courses are two hours each week. Students enrolled in any of the Basic Courses do not incur any military obligation, wear uniforms, or participate in other military training.

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 \$600 in addition to travel expenses to and from the camp. Uniforms, housing, medical care, and meals are furnished by the government during the camp.

Deadlines for applications are throughout the spring quarter. Interested students should contact the Military Science Department, Room 150 University Center, no later than the start of spring quarter.

Officer Development Course (Advanced Program)

The Advanced Program 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. Six credit hours per quarter

are earned in each of the courses. Students receive a subsistence allowance of \$100 a month (tax free), not to exceed \$1,000 per academic year, while enrolled.

Service veterans, three or four year junior ROTC students, Basic Camp graduates, junior or military 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 an Army unit as student officers, thus affording them the opportunity for enhanced leadership development. Students in this program receive an additional \$120 per month.

Students enrolled in the Officer Development Course are required to successfully complete a six-week Advanced Camp at Fort Riley, Kansas, 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 experience 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 \$630 in addition to travel expenses to and from Fort Riley. Uniforms, housing, medical care, and meals are furnished by the government 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. Outstanding cadets may gain a Regular Army commission. Active duty is for a period of three to four years with the opportunity for quality 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 \$100 a month tax free allowance. Four-year scholarships are available for students interested in pursuing a nursing degree.

Army Nurse Corps Option

Students enrolled in the School of Nursing curriculum leading to the degree of Bachelor of Science in Nursing may simultaneously qualify for a commission as a Second Lieutenant in the Army Nurse Corps. Service may be on active duty or with the Army National Guard or Army Reserve.

Nursing students qualify for entry into the Officer Development Course through satisfactory completion of either the General Military Course, the Basic Camp option, or equivalent training.

Nursing students participate in the Army Nurse Summer Training Program. This training is a six-week program for nursing students at selected medical treatment facilities throughout the United States. It is structured to provide both tactical training and experience in the clinical setting. Primary focus is directed at providing nursing cadets with experience which integrates clinical knowledge and leadership skills. Emphasis is placed on practical experience under the direct supervision of an Army Nurse Corps officer who acts as the cadet's preceptor throughout the program.

ROTC Credit

The amount of ROTC credit awarded in the different schools and curricula varies considerably, with a maximum of 36 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. This education is a continuous process that begins at a 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 Communication Skills, Human Behavior, Military History, Math Reasoning, and Computer Literacy. Additionally, scholarship students will be required to take a foreign language course. Several courses offered at AUM satisfy each PME requirement. The ROTC department has a listing of courses that fill each requirement available upon student request.

BASIC COURSE

Military Science I

101. Preventive Medicine and First Aid (1).

This course provides the student with a basic knowledge of first aid tasks and procedures important for all. Topics include evaluating a casualty and treating shock, bleeding, fractures, burns, frostbite, and heat injuries. This course does not lead to Red Cross certification.

103. Military Customs and Courtesy (1).

An overview of past and present military customs and a review of the principles of war. Provides an introduction to the Military Code of Conduct.

104. 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.

106. 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; role of the U.S. Army, the U.S. Army Reserve, and the National Guard; organization and Branches of the Army.

107. Contemporary Military Issues (1).

An overview of current events that affect the military. Small group discussions focus on events that shape our current military situation.

Military Science II

201. Military Power and National Security (2) :

This course provides the student with an insight into the security of Western society. Topics include communist propaganda, the Soviet soldier and Army, the national security structure, defense organizations, the role of the U.S. Army, and terrorism.

202. 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.

203. Pistol Marksmanship (2) :

(Air Pellet). An orientation on the safe use of handguns to include marksmanship practice. Firing to be conducted at AUM gymnasium.

204. Ranger Operations and Tactics (2) :

This course will teach the student the training and operations of the personnel assigned to a U.S. Army Ranger battalion. Topics include mountaineering techniques, air mobile and pathfinder operations, and patrolling techniques. Classroom instruction will be supplemented with overnight field exercises.

207. Basic Map Reading (2) :

This course provides the student with a basic knowledge of map reading. Topics include compass use, maps and marginal information, resection, and intersection.

208. Leadership and Management (2) :

This course provides the student with a basic knowledge of the leadership, professional, and ethical values as well as the duties, responsibilities, and counseling abilities required of those seeking a commission in the U.S. Army.

ADVANCED COURSE

Military Science III

301. Advanced Map Theory and Land Navigation (5) :

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 (5) :

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 instruction 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 (5) :

This course centers around 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).

Military Science IV

401. Military Justice and Ethics (5) :

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. The course will also look at professionalism in the military and closely examine the ethical decision-making process of the professional.

402. Advanced Leadership and Management I (5) :

This course examines the Army leader as a professional and develops those skills required of the professional. Instruction includes duties and relationships of a lieutenant. Additionally, counseling skills are developed. The course examines the Army Training System. Specific topics include providing input concerning the status of training, preparing to conduct training, conducting training, and evaluating the conduct of training.

403. Advanced Leadership and Management II (5).

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 commissioning and staff functioning, personnel management systems, evaluations, logistics, and post and installation support.

404. Leadership Laboratory (1).

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 26 1/2. Scholarship recipients must fulfill commissioning requirements before reaching age 25 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 \$100 a month nontaxable allowance, up to a maximum of \$1,000 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-December, 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 in writing or by a personal visit to the Professor of Aerospace Studies.

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 \$100 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
Total	8

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
Total	16

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 (205) 293-4305 or visit the detachment in Room 113 of Paterson Hall 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. Seniors' University is open to those of retirement age who are interested in continuing their intellectual activity. Programs are planned with the assistance of an advisory board made up of seniors and people who work with seniors.

The Day Care Certification program for current day care coordinators or directors and those who aspire to the field is administered in Personal Development, as is the Interior Decorating Certificate program.

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, government, and university members 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. Certificate programs in management and secretarial skills afford the opportunity for veteran and aspiring professionals to progress in their career fields by upgrading their skills and credentials. 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, called a wraparound, 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.

AUBURN UNIVERSITY AT MONTGOMERY

Additionally, the AUM and AU campuses are directly linked via a microwave satellite. 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. AUM, with Auburn's assistance, can also broadcast programs to Auburn. The microwave links directly to Auburn's uplink satellite, which provides AUM with access to any receive satellites in the United States and some international sites.

WEEKEND COLLEGE Weekend College provides the option to take classes when there are fewer demands on your schedule. As an alternative to evening classes, weekend college offers possibilities to start or complete a degree and the opportunity to take the college course you always wanted to take. Courses are scheduled on Friday evenings, Saturday mornings, or Sunday evenings.

Admission Requirements for the Weekend College Courses

You must be admitted to AUM by calling the Admissions Office.

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. 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. , Professor of Biology B.A., Drew University; M.A., Ph.D., Southern Illinois University	1974
Aho, John M. , Assistant Professor of Biology B.A., M.A., Wake Forest University; Ph.D., University of Exeter, England	1992
Albree, Anson B. , Assistant Professor of Mathematics and Pre-Engineering B.E., Vanderbilt University; M.A., University of Tennessee	1976
Alexander, Jeri Jo , Assistant Professor of Education B.A., Fort Lewis College; M.A., Northern Arizona University; Ph.D., University of New Mexico	1988
Anderson, Nancy , Associate Professor of English and Director, English Composition B.A., Millsaps College; M.A., University of Virginia	1973
Andreades, Jenny M. , Instructor of Accounting B.S.B.A., M.B.A., Auburn University	1992
Ang, David S. , Assistant Professor of Information Systems and Decision Science B.S., Ohio University; M.S., Ph.D., University of Alabama at Huntsville	1992
Arnold, Amy E. , Librarian II and Coordinator, Collection Development B.A., Huntingdon College; M.S.M., Wittenberg University; M.L.S., University of Alabama	1988
Arnold, Edwin , Assistant Professor of Management B.B.A., University of Wisconsin-Whitewater; M.B.A., University of Arkansas; Ph.D., University of Alabama	1989
Baggett, Jannett , Instructor of Education B.S., Valdosta State College; M.Ed., Ed.S., Auburn University at Montgomery	1977
Barfoot, James , Associate Professor of Philosophy and English B.A., University of South Alabama; M.A., Ph.D., Auburn University	1976
Barksdale, Jeffrey M. , Assistant Professor of Medical Technology and Biology B.S., M.T.(ASCP), University of Alabama in Birmingham; M.S., Auburn University	1982
Barnett, Kathryn , Dean, School of Nursing, and Professor of Nursing R.N., Parkland Memorial Hospital; B.S., George Peabody College; M.S., University of Colorado; Ph.D., North Texas State University	1979
Benson, Mark , Assistant Professor of Music B.Mus., M.Mus., Miami University; Ph.D., University of California at Los Angeles	1988
Best, Rickey D. , Librarian II, Archive and Special Collections B.A., M.A., University of California, Riverside; M.L.I.S., University of California, Berkeley	1986
Billingslea, Oliver L.F. , Associate Professor of English B.A., University of Mississippi; M.A., Johns Hopkins University; Ph.D., University of Wisconsin	1970
Blackwell, Martha , Associate Professor of Psychology B.A., Samford University; M.A., Ph.D., University of Alabama	1973
Bliss, Sara , Instructor of Finance B.S.B.A., M.B.A., Auburn University at Montgomery	1992
Bogie, Donald W. , Director, Center for Demographic and Cultural Research, and Professor of Sociology B.A., Georgetown College; M.A., Ph.D., University of Kentucky	1971
Bradley, Patricia J. , Assistant Professor of History B.A., University of Georgia; M.A., West Georgia College; Ph.D., Emory University	1982
Brassil, Maresa G. , Instructor of Communication	1989

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B.A., M.A., University of West Florida	
Braswell, Ray , Assistant Professor of Education	1988
B.M., M.A., Appalachian State University; Ed.D., Virginia Polytechnic Institute and State University	
Brown, Jennifer , Associate 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. , Dean, School of Business, and Professor of Marketing	1988
B.S., Louisiana State University; M.B.A., Southeastern Louisiana University; Ph.D., University of Arkansas	
Cairns, Eldon J. , Emeritus Head, Department of Biology, and Emeritus Professor of Biology	1970
B.A., M.A., University of California at Los Angeles; Ph.D., University of Maryland	
Calvasina, Eugene J. , Head, Department of Management, and Professor of Management	1985
B.A., M.B.A., Ph.D., University of Mississippi	
Campbell, Donald W. , Head, Department of Physical Education, and Professor of Education	1983
B.S., State University of New York-Cortland; M.S., D.P.E., Springfield College	
Campbell, Ken C. , Head, Department of Curriculum, Instruction, and Administration, and Professor of Education	1970
B.S., Florida State University; M.A., Florida Atlantic University; Ed.D., University of Georgia	
Carson, Norma , Assistant Professor of Sociology	1981
B.S., M.S., Tuskegee Institute; M.A., Auburn University; Ph.D., Northwestern 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. , Assistant 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	
Chudy, Chris M. , Librarian II, Reference and Instructional Services	1983
B.A., Mundelein College; M.A.L.S., Northern Illinois University	
Clark, Joy , Assistant Professor of Economics	1988
B.S., M.S., Auburn University; Ph.D., Texas A&M University	
Clark, Kathryn L. , Assistant Professor of Decision Science and Coordinator, Undergraduate Advising	1991
B.S.B.A., M.B.A., Auburn University at Montgomery	
Coleman, Claudette T. , Assistant Professor of Nursing	1979
B.S.N., M.S.N., University of Alabama in Birmingham; Ed.D., Auburn University	
Coley, Phillip , Professor of Fine Arts	1972
B.F.A., M.F.A., University of Georgia	
Collins-Morton, Rhonda , Assistant Professor of Education	1991
B.S., M.Ed., College of Charleston; Ph.D., Florida State University	
Conely, James H. , Assistant Professor of English	1990
B.A.E., M.Ed., University of Florida; Ed.D., Columbia University Teachers College	

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Cornell, Richard A. , Head, Department of Communication, and Associate Professor of Communication B.F.A., Ohio University; M.S., Vanderbilt University; Ph.D., Northwestern University	1976
Cravey, Paula D. , Instructor of Education B.S., Auburn University; M.Ed., Auburn University at Montgomery	1992
Crippen, Donald , Assistant Professor of Education B.S., Auburn University; M.S., Troy State University	1974
Crowley, Joseph P. , Assistant Professor of English B.A., University of Toronto; Ph.D., University of North Carolina	1979
Culverhouse, Renee D. , Assistant Vice Chancellor for Academic Affairs and Professor of Management B.A., Auburn University; J.D., Samford University	1981
Daniell, Steven , Assistant Professor of French B.A., Texas Tech University; M.A., Ph.D., University of Illinois-Urbana	1991
Davis, Jody R. , CPT, FA, Assistant Professor of Military Science B.S., Arizona State University	1993
Deaton, William L. , Dean, School of Education, and Professor of Education B.S., Albany State College; M.S.Ed., Ph.D., University of Kansas	1992
Dekle, Barbara , Librarian III and Head, Reference and Instructional Services B.A., Huntingdon College; M.L.S., University of Alabama	1971
Denton, Thomas E. , Head, Department of Biology, and Professor of Biology B.A., Huntingdon College; M.S., Ph.D., University of Alabama	1987
Depas-Orange, Ann , Instructor of English B.A., M.Ed., Tuskegee University	1990
Deravi, M. Keivan , Associate Professor of Economics B.A., University of Teheran; M.B.A., Tarlton State University; Ph.D., Oklahoma State University	1985
Dodd, Donald B. , Professor of History B.S., Florence State University; M.A., Auburn University; Ph.D., University of Georgia	1969
Duarte, Neville , Assistant Professor of Management B.A., M.A., University of Bombay; Ph.D., University of Florida	1989
Dudle, Janice M. , Instructor of English B.S., M.S., University of Wisconsin	1990
Duncan, Marvin J. , MAJ, FA, Assistant Professor of Military Science B.S., University of Florida; B.B.A., University of North Florida	1984
Dunn, Elizabeth , Assistant Professor of History B.A., M.A., Purdue University; Ph.D., University of Illinois at Urbana-Champaign	1990
Elliott, Robert H. , Associate Dean, School of Sciences, and Professor of Political Science and Public Administration B.A., M.A., Mississippi State University; Ph.D., University of Houston	1976
Evans, Robert C. , Associate Professor of English B.A., University of Pittsburgh; Ph.D., Princeton University	1982
Fain, Sheryl , Instructor of Nursing B.S.N., M.S.N., Troy State University in Montgomery; M.Ed., Auburn University at Montgomery	1991
Fair, John D. , Head, Department of History, and Professor of History B.A., Juniata College; M.A., Wake Forest University; Ph.D., Duke University	1971
Farley, Sharon S. , Associate Professor of Nursing R.N., St. Lukes Hospital, Cleveland, Ohio; B.S.N., Ohio State University; M.S., University of Colorado; Ph.D., University of Texas	1985
Fitzsimmons, Michael P. , Associate Professor of History B.A., Belmont Abbey College; M.A., Ph.D., University of	1985

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North Carolina	
Flynt, Samuel W. , Associate Professor of Education B.S., M.S., University of South Alabama; Ed.D., Auburn University	1987
Gagnon, Anne , Assistant Professor, Nursing B.S.N., Seton Hall University, M.P.H., University of Pittsburgh	1992
Gaines, Elizabeth Blair , Associate Professor of Communication B.A., College of William and Mary; M.A., Indiana University	1978
Gaines, Robert A. , Director, Theatre AUM, and Professor of Theatre B.A., College of William and Mary; M.A., University of Maryland; Ph.D., Indiana University	1977
Gargurevich, Eduardo , Assistant Professor of Spanish and International Studies B.A., Catholic University of Peru; M.A., Ph.D., University of Maryland-College Park	1990
Garrison, Buckner L. , MAJ, IN, Assistant Professor of Military Science, Officer in Charge B.S., U.S. Military Academy at West Point; M.A., Webster College	1989
Gerogiannis, Nicholas C. , Head, Department of International Studies, and Associate Professor of English and International Studies B.A., M.A., San Francisco State University	1976
Gibbons, Charlie , Assistant Professor of Education and Director, Intramurals B.A., M.Ed., Georgia Southern College	1977
Gilchrist, Michael R. , Instructor of Secondary Education B.S., Texas Christian University; M.Ed., Auburn University at Montgomery	1991
Golden, Charles W. , Professor of Information Systems and Decision Science B.S., D.B.A., Mississippi State University; M.B.A., Memphis State University	1973
Golden, Mary E. , Professor of Accounting B.B.A., M.B.A., Memphis State University; D.B.A., Mississippi State University; CPA	1973
Goodson, Jane R. , Director, Graduate Studies in Business, and Associate Professor of Management B.S., M.S., Ph.D., University of Alabama	1986
Gordon, Bruce , Associate Professor of Education B.S., M.S., State College of New York at Buffalo; Ed.D., University of Georgia	1971
Grafton, Carl , Professor of Political Science and Public Administration B.S., University of Toledo; M.A., Ph.D., Purdue University	1975
Gregorowicz, Jeanne L. , Instructor of Information Systems and Decision Science B.S., M.S., Northern Illinois University	1989
Gregorowicz, Phillip , Professor of Economics B.A., M.A., Ph.D., Northern Illinois University	1980
Gribben, Alan, Head , Department of English and Philosophy, and Professor of English B.A., University of Kansas; M.A., University of Oregon; Ph.D., University of California-Berkeley	1991
Griffin, Tom F., III , Lowder-Weil Eminent Scholar in Business and Professor of Information Systems and Decision Science B.S., M.B.A., Ph.D., University of Alabama	1992
Griswold, Dianne , Professor of Education B.S., M.Ed., Auburn University; Ph.D., Arizona State University	1979
Gulgoz, Sami , Assistant Professor of Psychology B.S., Bosphorus University; M.S., Ph.D., University of Georgia	1989
Hall, Claudia A. , Assistant Professor of Sociology	1990

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B.A., University of Houston (Central); M.A., Southern University; Ph.D., Mississippi State University	
Hall, Marc A. , Assistant Professor of Management	1987
B.S., University of Montevallo; J.D., Cumberland School of Law	
Hamilton, John B., Jr. , Professor of Physical Sciences	1972
B.A., Bellarmine College; Ph.D., Case Western Reserve 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. , Associate Professor of Economics	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	
Hess, Allen K. , Head, Department of Psychology, and Professor of Psychology	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	
Holland, Steve A. , CPT, FA, Assistant Professor of Military Science	1992
B.A., Francis Marion 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. , Assistant Professor of Management	1985
B.A., University of the South; J.D., Washington University	
Huang, Cheng-Chi , Associate Professor of Mathematics	1984
B.S., Taiwan Normal University; M.S., Auburn University; Ph.D., Iowa State University	
Ingram, Jerry J. , Professor of Marketing	1970
B.S., M.A., University of Alabama; Ph.D., University of Arkansas	
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.A.F., Indiana State University; M.F.A., Tulane University	
Jetton, Richard E. , Instructor of Mathematics	1992
A.S., Northeastern Oklahoma A & M Junior College; B.S., M.S., The University of Central Oklahoma	
Johnson, Raymond M. , Associate Professor of Finance	1970
B.S., M.B.A., University of Southern Mississippi; M.S., Ph.D., Oklahoma State University	
Johnson, Susie P. , Associate Professor of English	1985
B.A., University of Southern Mississippi; M.A., University of Mississippi; Ph.D., University of South Carolina	

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Jones, Michael A. , Associate Professor of Marketing B.A., M.S., Louisiana State University; Ph.D., University of Missouri	1987
Judd, Vaughan C. , Assistant Professor of Marketing B.S., Rochester Institute of Technology; M.S., University of Rochester; Ph.D., University of North Texas	1986
Kamnikar, Judith , Professor of Accounting B.S., M.S.B.A., Northern Illinois University; Ph.D., University of Denver; CPA	1985
Katz, Judd A. , Associate Director of Graduate Studies and Professor of Psychology B.A., M.A., Arizona State University; Ed.D., University of Georgia	1973
Kent, Martha , Instructor of Accounting B.S.B.A., M.B.A., Auburn University; CPA	1984
Kirkpatrick, Jane , Assistant Professor of Physical Education B.A., Judson College; M.S., Southern Illinois University at Carbondale; Ed.D., University of Alabama	1990
Lacy, Allen Wayne , Head, Department of Economics, and Professor of Economics B.S., M.S., Auburn University; Ph.D., Iowa State University	1976
Lake, Robert C. , Associate Dean, School of Business, and Professor of Accounting B.S., M.B.A., University of New Orleans; D.B.A., Louisiana Tech University; CPA; CDP; CIA; CMA	1971
Lange, David R. , Associate Professor of Finance B.S., Northern Kentucky University; M.A., Ph.D., University of Kentucky	1990
Lazenby, Ramona B. , Instructor of Nursing B.S.N., University of Alabama at Birmingham; M.S.N., Troy State University	1989
Lett, Samuel L. , Associate Professor of Accounting B.S., Huntingdon College; M.A., University of Alabama; Ph.D., University of South Carolina; CPA	1976
Lewis, Christine W. , Assistant Professor of Management B.A., J.D., University of Alabama	1988
Liddell, Will L., Jr. , Associate Professor of Mathematics and Pre-Engineering and Coordinator, Engineering B.M.E., M.S., Auburn University; Ph.D., North Carolina State University	1976
Little, Anne C. , Assistant Professor of English B.A., University of South Carolina; M.A., Auburn University; Ph.D., University of South Carolina	1989
LoBello, Steven G. , Assistant Professor of Psychology B.A., Christian Brothers College; M.S., Mississippi State University; Ph.D., University of Southern Mississippi	1989
Long, Carolyn K. , Assistant Professor of Psychology B.S., Auburn University; B.A., Auburn University at Montgomery; M.S., University of Georgia	1974
Lucy-Bouler, Thomas , Assistant Professor of Information Systems and Decision Science B.S., Ph.D., University of Alabama	1990
Maertens, Norbert , Professor of Education B.S., Mankato State University; M.A., Ph.D., University of Minnesota	1978
Mahaffy, Christopher A.L. , Professor of Physical Sciences B.Sc., The Northern Ireland Polytechnic; Ph.D., University of Strathclyde	1981
Marcus, Martha Ann , Assistant Professor of Social Work B.S., Florence State University; M.S.W., Louisiana State University	1974
Marks, Daniel G. , Associate Professor of Mathematics B.S., M.S., California Institute of Technology; Ed.D., Auburn University	1980

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Martin, David P. , Instructor of Physical Sciences B.A., Covenant College; M.S., Eastern Michigan University	1991
Martin, Larry , Assistant Dean, School of Education, and Professor of Education B.P.E., M.S., Ph.D., Purdue University	1976
Mason, Tamarah H. , Instructor of Nursing B.S.N., Auburn University at Montgomery; M.S.N., Troy State University at Montgomery	1989
McClurg, Verne H. , Head, Department of Justice and Public Safety, and Associate Professor of Justice and Public Safety B.S., Northern Arizona University; M.A., Washington State University; Ph.D., University of Nebraska	1982
McDevitt, Carl D. , Associate Professor of Information Systems and Decision Science B.A.A., M.S., Auburn University; Ph.D., University of Georgia	1975
McDonald, Nancy , Assistant Professor of Nursing B.S.N., University of North Alabama; M.S.N., University of Alabama in Birmingham; Ed.S., Troy State University	1987
McElroy, Derwyn , Associate Professor of Education B.S., Florida State University; M.Ed., Ed.D., Auburn University	1976
McKee, Dorothy Webb , Instructor of Biology B.A., Agnes Scott College; M.S., University of Tennessee	1974
McNutt, Eileen M. , Instructor of Communication B.A., M.A., University of Connecticut	1991
McQuaid, Patricia A. , Instructor of Information Systems B.S., Case-Western Reserve University; M.B.A., Eastern Michigan University; M.S., Auburn University	1992
Meadows, Lois , Assistant Professor of Nursing B.S.N., Troy State University; M.S.N., University of Alabama in Birmingham; Ed.S., Troy State University in Montgomery; CS	1991
Medley, Jerry Morgan , Assistant Professor of Communication B.A., University of Alabama; M.A., Pennsylvania State University	1981
Michael, Marion C. , Dean, School of Liberal Arts, and Professor of English B.A., University of Georgia; M.A., University of Virginia; Ph.D., University of Georgia	1982
Mills, Lynne , Assistant Professor of Education B.S., M.S., Ph.D., Auburn University	1990
Mills, Richard , Professor of Fine Arts B.F.A., M.F.A., University of Tennessee	1979
Moberly, H. Dean , Professor of Economics B.S., Abilene Christian College; M.S., Texas Tech University; Ph.D., Texas A & M University	1970
Moody, Bradley , Associate Professor of Political Science and Public Administration B.A., Southwest Texas State College; Ph.D., University of Texas	1972
Moody, Margaret V. , Instructor of Political Science and Public Administration TB.A., Trinity University; M.A., University of Texas	1975
Morrow, Angela C. , Instructor of Biology B.S., Birmingham Southern; M.S., University of Alabama	1989
Morton, Gerald , Associate Professor of English B.A., Emory and Henry College; M.A., Georgia Southern College; Ph.D., University of Tennessee in Knoxville	1982
Nance, Guinevera A. , Vice Chancellor for Academic Affairs, Director, Graduate Studies, and Professor of English B.A., Texas Christian University; M.A., Ph.D., University of Virginia	1971
Nanney, Jimmy R. , Associate Professor of Mathematics A.A., Itawamba Junior College; B.S., M.S., Ph.D., University of Mississippi	1970
Nathan, James A. , Khaled bin Sultan Eminent Scholar in Political Science and International Policy	1991

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A.B., Indiana University; M.A., Ph.D., Johns Hopkins University	
Nobles, Donald G. , Instructor of Communication	1989
B.A., 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	
Nunnelley, Joan G. , Instructor of Mathematics	1986
B.S., University of North Alabama; M.A., University of Alabama in Huntsville	
O'Brien, Wini M. , Instructor of Nursing	1989
B.S.N., Auburn University at Montgomery; M.S.N., Troy State University at Montgomery	
Okia, Nathan O. , Professor of Biology	1979
Dip.Ed., Makerere University College; A.B., M.A., Ph.D., Indiana 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, Birmingham	
Painter, Patricia A. , Librarian II and Cataloging/Reference Librarian	1992
B.S.Ed., Western Carolina University; M.L.S., University of North Carolina	
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	
Peele, Howell Rhodes, Jr. , Assistant 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. , Dean, Library, and Librarian IV	1989
B.A., University of Buffalo (SUNY); M.L.S., Rutgers University; Ph.D., University of California, Berkeley	
Portis, Sarah C. , Associate Professor of Education	1973
B.S., M.Ed., Mississippi State University; Ed.D., Auburn University	
Prater, Norma Jean , Assistant Professor of Education	1975
B.S., University of Alabama; M.S., Florida State University	
Ramirez, Gilberto , Assistant Professor of History	1986
B.A., M.A., Ph.D., University of Texas	
Rankin-Ullock, 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; Ph.D., California Tech.	
Richardson, William S. , Professor of Physical Sciences	1977
B.A., Huntingdon College; Ph.D., University of Alabama	
Rogow, Robert B. , Head, Department of Accounting and Finance, and 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 and International Studies	1981
B.A., Honours, Presidency College, Madras; M.A., University	

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of Madras, India; M.A., Ph.D., Duke University

Sadowski, Cyril J. , Professor of Psychology B.A., University of Illinois; M.S., Ph.D., University of Georgia	1983
Sayers, David L. , Assistant Professor of Accounting B.S., Auburn University; M.B.A., Georgia State University; Ph.D., University of Nebraska-Lincoln; CPA	1985
Schlotterback, Darrell L. , Associate Professor of Justice and Public Safety B.S.C., University of Iowa; M.S., Florida State University; J.D., University of Alabama Law School	1975
Schwarz, Joseph E. , Head, Department of Fine Arts, and Professor of Fine Arts B.F.A., Ohio Wesleyan University; M.F.A., University of Illinois; Ph.D., Ohio State University	1977
Self, Donald R. , Professor of Marketing B.A., Pan American University; M.B.A., Texas A & I University; D.B.A., Louisiana Tech University	1985
Sharkey, Carol , Assistant Professor of Nursing B.S.N., Loretto Heights College; M.S.N., University of Nebraska Medical Center	1992
Sharp, Paul M. , Associate Professor of Sociology B.S., Northeastern State University; M.S., Ph.D., Oklahoma State University	1983
Sheldon, Craig T., Jr. , Associate Dean, School of Liberal Arts, Acting Head, Department of Sociology, and Associate Professor of Anthropology and International Studies B.A., University of Alabama; M.A., Ph.D., University of Oregon	1977
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