

AUBURN UNIVERSITY AT MONTGOMERY
Montgomery, Alabama
1988-1989

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.

Fully accredited by the Southern Association of Colleges and Schools.

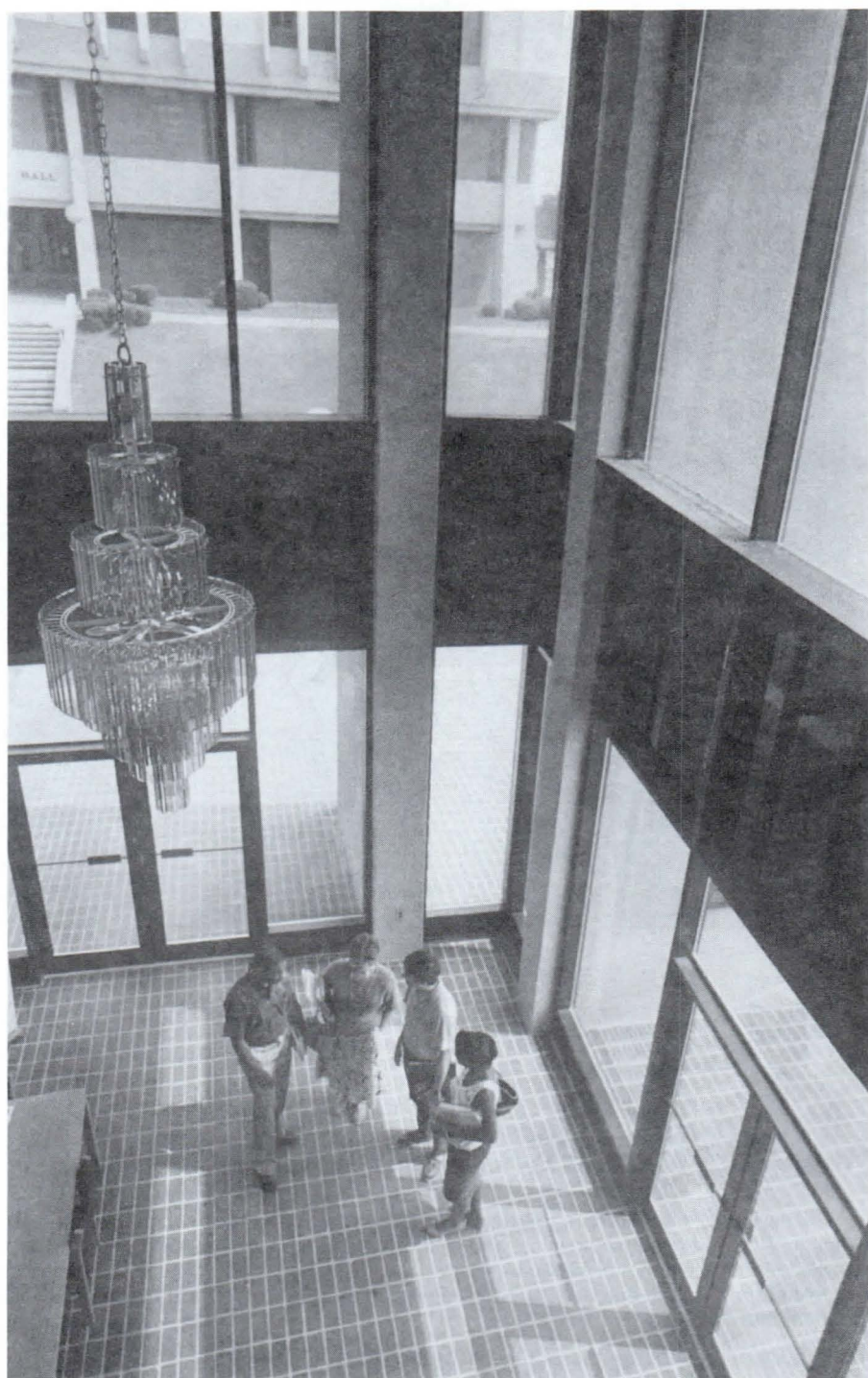


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CALENDAR 1988-1989

SUMMER QUARTER 1988

1. Student Housing Fee (Summer Quarter) Due.....Fri., May 15
2. Pre-Registration for Summer Quarter (8 A.M.-7 P.M.)
(Current & Previous AUM Students Only).....Fri., May 20
3. Extended Pre-Registration (8 A.M.-5 P.M.,
Monday through Friday).....Mon., May 23 - Fri., June 3
4. Last Day to Pay for Pre-Registration (By 5 P.M.).....Fri., June 3
5. New Undergraduate Student Orientation.....Wed., June 8
6. Final Registration (8 A.M.-7 P.M.).....Fri., June 10
7. Late Registration Begins.....Mon., June 13
8. Regular Classwork Begins:
 - Saturday Classes Sat., June 11
 - Monday/Wednesday Classes.....Mon., June 13
 - Tuesday/Thursday ClassesTue., June 14
9. Last Day to Register/Add Classes.....Thu., 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 course is offered is
required to register or add a course(s).
10. Schedule Adjustment Fee BeginsFri., June 17
11. Last Day for RefundsFri., June 24
12. Independence Day Holiday.....Mon., July 4
13. Last Day to Apply for Summer Quarter Graduation.....Fri., July 8
14. MONDAY/WEDNESDAY CLASSES ALSO MEET AT
REGULAR CLASS PERIODS.....Fri., July 8
15. TUESDAY/THURSDAY CLASSES ALSO MEET AT
REGULAR CLASS PERIODS.....Fri., July 15
16. Last Day to Drop/Resign Summer Quarter Classes
(Drop/Resignation Forms Due in Records Office by 5 P.M.).....Fri., July 15
17. Summer Quarter Graduation Worksheets Due in Records
OfficeFri., July 29
18. Student Housing Fee (Fall Quarter) Due.....Sat., Aug. 1
19. Pre-Registration for Fall Quarter (8 A.M.-7 P.M.).....Fri., Aug. 5
20. Last Day of Classes:
 - Monday/Wednesday Classes.....Wed., Aug. 10
 - Tuesday/Thursday ClassesThu., Aug. 11
 - Saturday ClassesSat., Aug. 13
21. Final Examinations:
 - Weekday Classes.....Mon.-Thu., Aug. 15-18
 - Saturday ClassesSat., Aug. 20
22. All Grades Due in Records Office No Later Than 5 P.M.....Mon., Aug. 22
23. Graduation Effective This Date (All Requirements
for Graduation Must be Completed by 5 P.M.).....Tue., Aug. 23
24. Last Day of the Summer QuarterTue., Aug. 23
(NOTE: Formal Graduation Ceremony Will Be
December 13, 1988)

SUMMER QUARTER 1988
ADDENDUM FOR HALF QUARTER CLASSES

First Half

1. Schedule Adjustment Fee Wed., Jun. 15
2. Last Day for Refunds Fri., Jun. 17
3. Last Day to Drop Tue., Jun. 28
4. Final Examinations Wed. & Thu., Jul. 13 & 14

Second Half

1. Schedule Adjustment Fee Wed., Jul. 20
2. Last Day for Refunds Fri., Jul. 22
3. Last Day to Drop Tue., Aug. 2
4. Final Examinations Wed. & Thu., Aug. 17 & 18



FALL QUARTER 1988

1. Student Housing Fee (Fall Quarter) Due..... Sat., Aug. 1
2. Pre-Registration For Fall Quarter (8 A.M.-7 P.M.)
(Current & Previous AUM Students Only) Fri., Aug. 5
3. Extended Pre-Registration (8 A.M.-5 P.M.,
Monday through Friday)..... Mon., Aug. 8 - Fri., Sep. 9
4. Last Day to Pay for Pre-Registration (By 5 P.M.)..... Fri., Sep. 9
5. New Undergraduate Student Orientation..... Mon., Sep. 19
6. Final Registration (8 A.M.-7 P.M.) Tue., Sep. 20
7. Late Registration Begins.....Wed., Sep. 21
8. Regular Classwork Begins:
 Monday/Wednesday Classes.....Wed., Sep. 21
 Tuesday/Thursday Classes Thu., Sep. 22
 Saturday Classes Sat., Sep. 24
9. Last Day to Register/Add Classes..... Tue., Sep. 27
 (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 course(s).
10. Schedule Adjustment Fee BeginsWed., Sep. 28
11. Last Day For Refunds..... Tue., Oct. 4
12. Last Day to Apply for Fall Quarter Graduation..... Fri., Oct. 21
13. Last Day to Drop/Resign Fall Quarter Classes
 (Drop/Resignation Forms Due in Records Office by 5 P.M.).....Fri., Oct. 28
14. Fall Quarter Graduation Worksheets Due in Records Office Fri., Nov. 11
15. Pre-Registration for Winter Quarter..... Fri., Nov. 18
16. Thanksgiving Holidays..... Wed. - Sat., Nov. 23-26
17. Student Housing Fee (Winter Quarter) Due..... Thu., Dec. 1
18. Last Day of Classes:
 Monday/Wednesday Classes.....Wed., Nov. 30
 Tuesday/Thursday Classes Thu., Dec. 1
 Saturday Classes Sat., Dec. 3
19. Final Examinations:
 Weekday Classes..... Mon. - Thu., Dec. 5-8
 Saturday Classes Sat., Dec. 10
20. All Grades Due in Records Office No Later Than 5 P.M..... Mon., Dec. 12
21. Graduation Effective This Date (All Requirements
 for Graduation Must Be Completed By 5 P.M.).....Tue., Dec. 13
22. Last Day of the Fall Quarter Tue., Dec. 13
 (NOTE: Formal Graduation Ceremony Will Be
 December 13, 1988)

WINTER QUARTER 1989

1. Pre-Registration for Winter Quarter (8 A.M.-7 P.M.)
(Current & Previous AUM Students Only) Fri., Nov. 18
2. Student Housing Fee (Winter Quarter) Due Thu., Dec. 1
3. Extended Pre-Registration (8 A.M.-5 P.M.,
Monday through Friday) Mon., Nov. 21 - Tue., Dec. 13
4. Last Day to Pay for Pre-Registration (By 5 P.M.) Tue., Dec. 13
5. New Undergraduate Student Orientation Mon., Jan. 2
6. Final Registration (8 A.M.-7 P.M.) Tue., Jan. 3
7. Late Registration Fee Begins Wed., Jan. 4
8. Regular Classwork Begins:
 Monday/Wednesday Classes Wed., Jan. 4
 Tuesday/Thursday Classes Thu., Jan. 5
 Saturday Classes Sat., Jan. 7
9. Last Day to Register/Add Classes Tue., Jan. 10
(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 course(s).
10. Schedule Adjustment Fee Begins Wed., Jan. 11
11. Last Day for Refunds Tue., Jan. 17
12. Last Day to Apply for Winter Quarter Graduation Fri., Feb. 3
13. Last Day to Drop/Resign Fall Quarter Classes
(Drop/Resignation Forms Due in Records Office by 5 P.M.) Fri., Feb. 10
14. Winter Quarter Graduation Worksheets Due in Records
Office Fri., Feb. 24
15. Student Housing Fee (Spring Quarter) Due Wed., Mar. 1
16. Pre-Registration for Spring Quarter Fri., Mar. 3
17. Last Day of Classes:
 Monday/Wednesday Classes Wed., Mar. 8
 Tuesday/Thursday Classes Thu., Mar. 9
 Saturday Classes Sat., Mar. 11
18. Final Examinations:
 Weekday Classes Mon. - Thu., Mar. 13-16
 Saturday Classes Sat., Mar. 18
19. All Grades Due in Records Office No Later Than 5 P.M. Mon., Mar. 20
20. Graduation Effective This Date (All Requirements
for Graduation Must Be Completed By 5 P.M.) Tue., Mar. 21
21. Last Day of Winter Quarter Tue., Mar. 21
(NOTE: Formal Graduation Ceremony Will Be June 3,
1989)

SPRING QUARTER 1989

1. Student Housing Fee (Spring Quarter) Due..... Wed., Mar. 1
2. Pre-Registration for Spring Quarter (8 A.M.-7 P.M.)
(Current & Previous AUM Students Only)Fri., Mar. 3
3. Extended Pre-Registration (8 A.M.-5 P.M.,
Monday through Friday)..... Mon. Mar. 6 - Fri., Mar. 17
4. Last Day to Pay for Pre-Registration (By 5 P.M.)..... Fri., Mar. 17
5. New Undergraduate Student Orientation..... Wed., Mar. 22
6. Final Registration (8 A.M.-7 P.M.) Fri., Mar. 24
7. Late Registration Fee Begins..... Mon., Mar. 27
8. Regular Classwork Begins:
 - Saturday Classes Sat., Mar. 25
 - Monday/Wednesday Classes..... Mon., Mar. 27
 - Tuesday/Thursday Classes Tue., Mar. 28
9. Last Day to Register/Add Classes..... Thu., Mar. 30
(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 course(s).
10. Schedule Adjustment Fee Begins Fri., Mar. 31
11. Last Day for Refunds Fri., Apr. 7
12. Last Day to Apply for Spring Quarter Graduation Fri., Apr. 21
13. MONDAY/WEDNESDAY CLASSES ALSO MEET AT
REGULAR CLASS PERIODS..... Fri., Apr. 21
14. TUESDAY/THURSDAY CLASSES ALSO MEET AT
REGULAR CLASS PERIODS..... Fri., Apr. 28
15. Last Day to Drop/Resign Spring Quarter Classes
(Drop/Resignation Forms Due in Records Office by 5 P.M.)..... Fri., Apr. 28
16. Spring Quarter Graduation Worksheets Due in Records
Office Fri., May 12
17. Student Housing Fee (Summer Quarter) Due..... Mon., May 15
18. Pre-Registration for Summer Quarter..... Fri., May 19
19. Last Day of Classes:
 - Saturday Classes Sat., May 20
 - Monday/Wednesday Classes..... Wed., May 24
 - Tuesday/Thursday Classes Thu., May 25
20. Final Examinations:
 - Saturday Classes Sat., May 27
 - Weekday Classes..... Mon. May 29 - Thu., Jun. 1
21. Graduation Candidates Grades Due (By 12 Noon)..... Thu., Jun. 1
22. All Grades Due in Records Office No Later Than 5 P.M..... Fri., Jun. 2
23. Graduation Effective This Date (All Requirements
for Graduation Must Be Completed By 12 Noon)..... Sat., Jun. 3
24. Last Day of Spring Quarter Sat., Jun. 3
(NOTE: Formal Graduation Ceremony Will Be June 3,
1989)

**AUM
FINAL EXAM SCHEDULE**

Summer 1988					
	Mon. Aug. 15	Tue. Aug. 16	Wed. Aug. 17	Thu. Aug. 18	
8 - 11 A.M.	2nd Period M - W	2nd Period T - Th	1st Period M - W	1st Period T - Th	8 - 11 A.M.
1 - 4 P.M.	4th Period M - W	4th Period T - Th	3rd Period M - W	3rd Period T - Th	1 - 4 P.M.
6 - 9 P.M.	6th Period M - W	6th Period T - Th	5th Period M - W	5th 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**

Fall 1988					
	Mon. Dec. 5	Tue. Dec. 6	Wed. Dec. 7	Thu. Dec. 8	
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 1989					
	Mon. Mar. 13	Tue. Mar. 14	Wed. Mar. 15	Thu. Mar 16	
8 - 11 A.M.	2nd Period M - W	2nd Period T - Th	1st Period M - W	1st Period T - Th	8 - 11 A.M.
1 - 4 P.M.	4th Period M - W	4th Period T - Th	3rd Period M - W	3rd Period T - Th	1 - 4 P.M.
6 - 9 P.M.	6th Period M - W	6th Period T - Th	5th Period M - W	5th 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

Spring 1989					
	Mon. May 29	Tue. May 30	Wed. May 31	Thu. Jun. 1	
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.

BACCALAUREATE DEGREES

SCHOOL OF BUSINESS

Degree	Curriculum Identifier
BSBA	Accounting..... AC
	Economics..... EC
	Finance..... FI
	General Business..... GB
	Information Systems..... IS
	Management..... MN
	Marketing..... MT
	Personnel Management..... PRN
	Quantitative Methods..... QM

(Any of the above identifiers except PRM followed by an "L" indicates Pre-Law.)

SCHOOL OF EDUCATION

Degree	Curriculum Identifier
BS/ED	Early Childhood..... ECE
	Elementary..... EED
	Physical Education..... HPE
	Art Education (N-12)..... ATE
	Speech/Theatre (N-12)..... SCE
	Secondary
	Biology..... SBI
	Chemistry..... SCH
	English..... SEH
	History..... SHY
	Language Arts..... SLA
	Mathematics..... SMH
	Political Science..... SGV
	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
BA/SY	Anthropology..... ANT
BA/FA	Art..... FA
	Theatre..... FAT
BGS	Bachelor of General Studies..... BGS
BA/EH	English..... EH

	Pre-Law	EHL
	General Curriculum Arts	GCA
BA/HY	History	HY
	Pre-Law	HYL
	International Studies	HYI
BA/COM	Communication	COM
	Audiology/Pathology	SPA
	Mass Communication	MC
BA/SW	Social Work	SW
BA/SY	Sociology	SY

SCHOOL OF NURSING

Degree	Curriculum Identifier	
	Pre-Nursing	PNU
BSN	Nursing	NUR

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

SCHOOL OF SCIENCES

Degree	Curriculum Identifier
BS/BI	Biology.....BI
	Biological Science.....BBS
	Environmental Studies.....BES
	Laboratory TechnologyBLT
	Marine Environmental Sciences.....MES
	Microbiology.....BMB
	Pre-Medicine.....PMB
	General Curriculum Sciences.....GCS
BS/GV	Government.....GV
	Pre-LawGVL
BS/JP	Justice and Public SafetyJP
	Pre-LawJPL
BS/MH	MathematicsMH
	Engineering OptionMHE
	Computing OptionMHC
	Pre-Medicine.....PMM
BS/BI	Medical TechnologyMTY
BS/PHS	Physical Science.....PHS
	Chemistry OptionCH
	Pre-Medicine.....PMP
	Pre-Engineering.....PEN
	Pre-Medicine.....PM
	Pre-PharmacyPPH
	Pre-Veterinary Medicine.....PVM
BS/PG	Psychology.....PG
BS/US	Urban Studies.....US

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 twelve 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

His Excellency, Guy Hunt, Governor, President (ex officio) Montgomery
 Dr. Wayne Teague, State Superintendent of Education (ex
 officio) Montgomery

Name	District Term Expires 1999	Home
Bessie Mae Holloway	First	Mobile
William James Samford	Third	Opelika
John Denson	Third	Opelika
Emory Cunningham	Ninth	Birmingham

Term Expires 1991

William Nichols	Fourth	Sylacauga
Michael McCartney	Fifth	Gadsden
Morris Savage	Seventh	Jasper

Term Expires 1995

Robert E. Lowder	Second	Montgomery
R. C. Bamberg	Sixth	Uniontown
James T. Tatum, Jr.	Eighth	Huntsville

ADVISORY BOARD

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Newton J. Bell, III
Vice Chairman
M. Taylor Dawson, Jr.
James M. Folmar, Chairman
James L. "Soup" Goyer, Jr.
Robert B. Ingram, Jr.
Mrs. John G. Kimbrough
Jack J. Kirschenfeld
E. Kyle Kyser
James L. Loeb

D. Joseph McInnes
William H. McLemore
Mrs. Jerome T. Moore
Will Hill Tankersley
W. Robbins Taylor
Mrs. George E. von Gal, Jr.
Charles A. Whitehurst
John H. Winston, Jr.
Emory Folmar, ex officio
William Joseph, ex officio
Robert E. Lowder, ex officio

Advisory Board Members Emeriti

Mrs. Eunice Davis-McNeill
James G. Pruett
Charles Smith, III

C. E. Weldon, Jr.
Milton A. Wendland

ADMINISTRATIVE COUNCIL

Martin, James E., **President**..... 1984
B.S., Auburn University; M.S., North Carolina State; Ph.D., Iowa State
University

Williams, James O., **Chancellor**..... 1969
B.S., M.Ed., Ed.D., Auburn University

Barnett, Kathryn, **Dean, School of Nursing**..... 1979
R.N., Parkland Memorial Hospital; B.S., George Peabody; M.S.,
University of Colorado; Ph.D., North Texas State University

Budden, Michael C., **Dean, School of Business**..... 1988
B.S., Louisiana State University; M.B.A., Southeastern Louisiana
University; Ph.D., University of Arkansas

Chapman, Larry F., **Director, Athletics**..... 1977
B.S., M.Ed., Auburn University

Clark, William D., **Vice Chancellor for Finance** 1969
B.S., M.B.A., Ph.D., University of Arkansas

Cook, Jerry T., **Director of the Physical Plant**..... 1986
B.S., Auburn University

Deutsch, Alleen, **Dean of Continuing Education** 1987
B.A., Bowling Green University; M.S., Ph.D., Miami University

Dunlavy, Darold, **Vice Chancellor for Student Affairs**..... 1971
B.A., M.Ed., University of Montevallo

Hill, Joseph B., **Dean, School of Sciences**..... 1969
B.A., M.A., Washington State University; Ph.D., Auburn University

Kenny, James T., **Vice Chancellor for Research and Development** 1985
B.A., Ricker College; M.A., Kent State; Ph.D., University of Denver

Maertens, Norbert, Dean, School of Education	1978
B.S., Mankato State University; M.A., Ph.D., University of Minnesota	
McClurg, Verne H., Faculty Council President	1982
B.S., Northern Arizona University; M.A., Washington State University; Ph.D., University of Nebraska	
Meriwether, Sherri G., Director of University Relations	1983
B.S., Troy State University	
Michael, Marion C., Dean, School of Liberal Arts	1982
B.A., University of Georgia; M.A., University of Virginia; Ph.D., University of Georgia	
Nance, Guinevera A., Vice Chancellor for Academic Affairs	1971
B.A., Texas Christian University; M.A., Ph.D., University of Virginia	
Pollard, Dempsey, Assistant Vice Chancellor for Finance	1973
B.S., Huntingdon College	

Dean, Library

MISSION OF THE UNIVERSITY

As the urban 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. Its mission is to foster and exemplify excellence in teaching and learning through the avenues of instruction, research, and service. As a community of scholars mutually attracted to the examination of ideas and values influencing civilization, AUM is dedicated to:

1. Providing its students with an understanding of the fundamental issues, ideas, and values that have had a significant impact on the development of civilized society;
2. Creating in its students the ability to apply this understanding to contemporary society and its problems;
3. Developing in its students the methodological skills essential to the purposes listed above;
4. Preparing students for the learned professions;
5. Conducting research that contributes to the instructional program and to the advancement of knowledge;
6. Extending its knowledge, skills, resources, and values to the community;
7. Providing opportunities for life-long learning.

By its very nature, therefore, AUM encourages open and free inquiry. The education it provides is intended to instill in students ways of thinking, communicating, and learning that will be of enduring value.

GOALS OF THE UNIVERSITY

Inherent in the goals of a University education is what Derek C. Bok has called audacity of aspirations for the personal and intellectual development of students. It is audacious to assume, as the AUM Mission Statement does, that "knowledge is valuable in itself"; yet this assumption underlies the primary aspiration of AUM: to create in students an impulse toward the fullest possible realization of their potential as responsible, ethical human beings. Therefore, AUM adopts the following goals:

I. INSTRUCTION

A. Academic Programs

The university will:

1. Ensure that all academic programs have goals that are consistent with the mission of the university and with those purposes to which the university is dedicated;
2. Give priority to allocation of resources to existing programs while remaining sensitive to needs for program modification and for additional programs, especially in graduate studies;
3. Require periodic internal evaluation to ensure that all academic programs are operating in a manner consistent with the university mission;
4. Seek appropriate accreditation for all academic programs;
5. Encourage the development of interdisciplinary programs and courses, recognizing that knowledge transcends the boundaries of traditional university disciplines;
6. Expand programs to attract and challenge the academically superior student;
7. Consider establishing thesis options, where feasible, in new and existing graduate programs to provide expanded opportunities for graduate student research;
8. Expand library resources, including professional staff, print and non-print material, equipment, and space for the collection;
9. Develop cooperative programs with the other campus of Auburn University, with other colleges and universities, and with community groups in a manner consistent with the mission of the university and the needs of the community;
10. Maintain a physical plant appropriate for the support of academic programs.

B. Students

The university will:

1. Produce graduates who are distinguished by certain abilities and attitudes characteristic of a well-educated person, including:
 - a. A knowledge and understanding of the arts and humanities, and of the principles of mathematics, science, and technology, and their impact on society;
 - b. An understanding of the relationship between specialized information and other fields of study;
 - c. An ability to locate, comprehend, analyze, evaluate, synthesize, and organize information;
 - d. An understanding of and willingness to use the scientific method;

- e. A critical as well as creative thinking ability;
 - f. An ability to apply abstract concepts and ideas to specific situations;
 - g. An intellectual curiosity and discipline that result in lifelong learning;
 - h. The ability to make decisions based on a clear set of individual values;
 - i. The skills necessary for communication with others;
 - j. 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. Placement programs;
 - c. Developmental and accelerated courses;
 - d. Counseling services;
 - e. Career placement services, to include internship and cooperative education opportunities.
 - 3. Develop additional means of evaluating student proficiency in both written and oral communication and sanction the reinforcement of written and oral skills throughout the curricula;
 - 4. Pursue funds to provide scholarships for meritorious students with appropriate methods of awarding and publicizing the scholarships.
- C. Faculty
- The university will:
- 1. Recruit and retain excellently trained, talented, and dedicated faculty;
 - 2. Reduce use of adjunct faculty;
 - 3. Support increased opportunities for faculty and staff development;
 - 4. Encourage expanded faculty participation in university policy-making;
 - 5. Implement reasonable methods to assess teaching quality and reward teaching excellence.

II. RESEARCH

The university will:

- A. Increase opportunities for graduate and undergraduate students to develop research skills;
- B. Increase faculty participation in research and grant activity to contribute to the general advancement of knowledge through published works; presentations at professional meetings, and other means appropriate to the respective disciplines;
- C. Expand significantly support for faculty and student research;
- D. Implement reasonable methods to assess and reward excellence in research.

III. SERVICE

The university will:

- A. Provide cultural activities and professional expertise and services of faculty and students to the university, the community, and the region;
- B. Provide services to professional societies and associations;

- C. Provide for the lifelong learning needs of the community, state, and region by offering a comprehensive program of adult education, including those programs that assist women, minorities, and the handicapped;
- D. Provide for effective operation of the university by encouraging faculty participation on university committees and councils;
- E. Provide faculty leadership for student honor societies, service organizations, and other special groups;
- F. Implement reasonable methods to assess and reward excellence in service.

HISTORY

Auburn University at Montgomery was established in 1967 by Act 403 of the Alabama Legislature. This action resulted from the request of the citizens of the Montgomery area to establish a degree-granting institution to serve Montgomery and the surrounding counties. In March 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 accreditation was reaffirmed by the Southern Association.

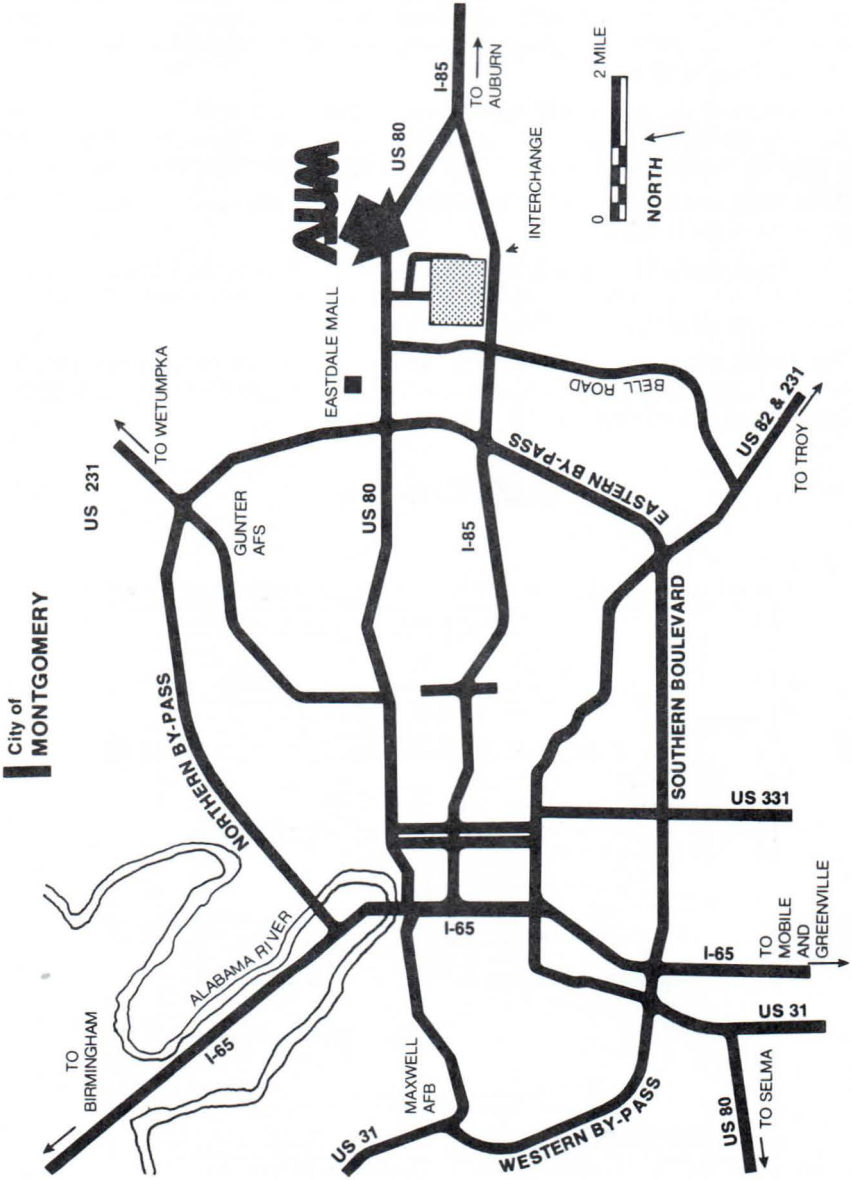
A broad-based academic institution, AUM is organized into five academic schools and one extension division. The academic schools are Liberal Arts, Sciences, Education, Nursing, and Business. All schools, with the exception of Nursing, offer graduate level courses. The extension division is the Division 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. 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, 1987, was 5,491. In addition to the students enrolled in credit courses, over 15,000 persons were enrolled in Continuing Education activities.

LOCATION

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.



CAMPUS AND BUILDINGS

At present, the campus comprises four classroom buildings, the library, the university center, a physical education and athletic complex, a student housing area, and various support facilities.

Goodwyn Hall, containing over 100,000 square feet of space, houses the School of Sciences, the Art 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.

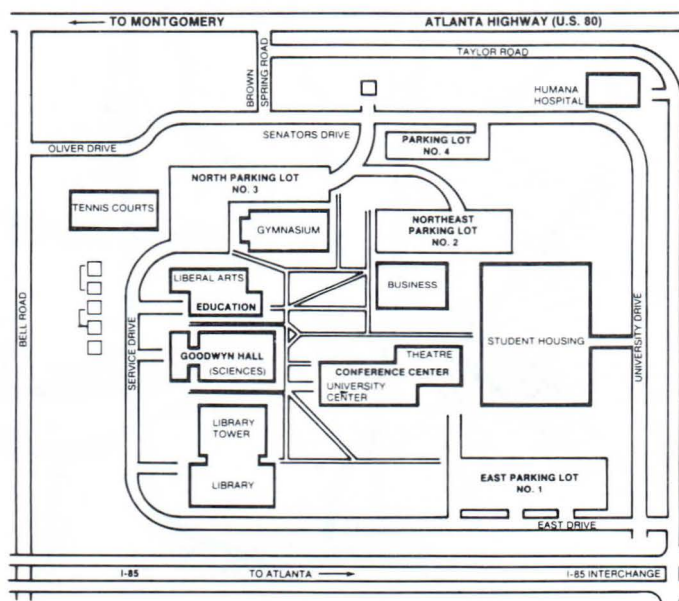
The School of Business and the Computer Center are housed in a 57,000 square foot complex on the east side of the campus. The Computer Center is equipped with both stand-alone equipment and terminals to the larger Computer Center at Auburn.

The 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, Continuing Education, and the university theatre.

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

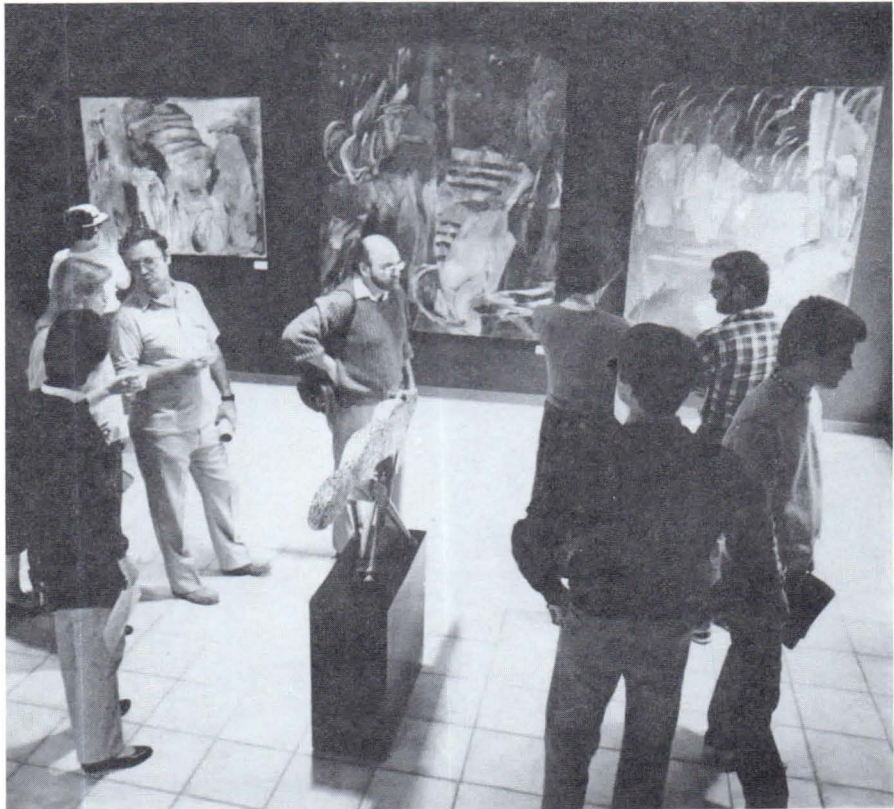
AUM Campus



AUM LIBRARY AND RESOURCE CENTER

The AUM Library and Resource Center is situated in a two-phase building complex, the last (1984) of which is the library tower. It provides open seating for 615 students plus 226 consultation seats and study carrels for students and faculty. The library holds 1,414,527 bibliographic units, including 1,864 periodical subscriptions and a book collection of 176,744 titles as part of a multi-media, varied formal collection of 654,810 cataloged volumes. AUM is a regional federal government documentary repository, with 1,084,392 government publications going back to the mid-nineteenth century and encompassing all current production. The library supplements such resources by inter-library loan services, on-line search services, and participation in state, regional, and national information networks. AUM is a member of OCLC (Online Catalog Library Consortium) and SOLINET (Southeastern Library Network), MAHIC (Montgomery Area Health Information Consortium), and the Southeast Alabama Multi-type library network.

The library is staffed by 29 professional library faculty, paraprofessionals and clerks, and employs more than 30 student assistants annually. It is open nearly 80 hours each week, with extended hours during the last two weeks of each quarter to accommodate project completion and examination schedules. The LRC operation provides graphic and media production support, quick-copy service, and reader/printer services, in addition to the audio-visual support from the library's public service units.



STUDENT HOUSING

AUM's on-campus housing consists of seven two-story efficiency apartment units, each housing 48 students, for a total occupancy of 336 students. The housing units are located just east of the School of Business building and are adjacent to the University Center.

Six of the seven units contain apartments which house two students. The remaining building accommodates four students in each apartment. Rooms specifically designed for the physically handicapped are located in two of the units. For further information contact the Housing Office.

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



SCHOLARSHIPS

AUM merit scholarships were awarded for 1987-1988 year with funds available from the following donors:

AUM Alumni Association
AUM Army R.O.T.C.
AUM Bookstore
AUM Campus Club
AUM Department of Communication
AUM Scholarship Endowment Fund
AUM Student Government Association
AUM Vending Operations
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 Society of Women Accountants
American Sterilizer Company
BAMA Supply, Inc.
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
Bradley Personnel Consultants
Clara B. Brewer Memorial Scholarship
Charles M. Brightwell Memorial Scholarships
Central Alabama Purchasing Management Association (William C. Cleghorn Memorial Scholarship)
Central Bank of the South
Community Hospital of Tallassee (Ocie C. Haynie Memorial Scholarship)
William S. and Judith Dinerman Memorial Scholarship
Durr Fillauer Medical Foundation
Mrs. Betty Fitz-Gerald
Flav-o-Rich, Inc.
James M. Folmar
Greater Montgomery Homebuilders Association Auxiliary
Mr. and Mrs. Emil Hess
INFORMS, Inc.
J. J. Kirschenfeld
Litton von Gal Palletizers
Edward L. Lowder Memorial Scholarship
Nelle and Roy Michael Memorial Scholarship
Montgomery Area Personnel Association
Montgomery-Autauga Medical Auxiliary (Clyde Grant Endowed Scholarship and School of Nursing Endowed Scholarship)
Montgomery Electrical Contractors' Association (Frank Edward Mosley Memorial Scholarship)
Irma Bentley Moore
National Society of Colonial Dames (Lillie Parker Langham Nursing Scholarship)
Parisians, Inc.

Pike Road Civic Club
Betty Hood Poorman Scholarship in Art
Jimmy and Emma Lou Rouse
St. Margaret's Hospital
Mr. and Mrs. Charles M. Smith, III
SouthTrust Bank
Storer Cable Communications
Allie Harper Strickland
Lee Story Memorial Scholarship
Mrs. George E. von Gal, Jr.
Winn-Dixie Montgomery, Inc.
Lloyd and Nancy Woodman
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 academic quarters.

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 1987-1988 academic year were awarded from the following:

Alabama Indian Affairs Commission
Alabama Junior Miss Scholarships
Alabama State Association of Emblem Clubs

Allied Products Corporation
Alpha Kappa Alpha Sorority
American Business Women's Association,
 Bama Chapter
 Montala Chapter
 Yellowhammer Chapter
Andalusia Health Services, Inc.
Avondale Mills
Charles Ballard McInnis School Fund
Baptist Foundation of Alabama
B.P.O. Elks-Montgomery Lodge
Business and Professional Women's Clubs, Inc.
 Alabama Federation
 Millbrook Club
Chick-Fil-A, Inc.
Edward T. Comer Trust Fund
Container Corporation of America
Daniel Foundation of South Carolina
Distributive Education Clubs of America (DECA)
Evangel Temple, Montgomery, Alabama
First Baptist Church, Cincinnati, Ohio
Foreign Mission Board, Southern Baptist Convention
Frazer Memorial United Methodist Church
Gamma Phi Delta Sorority, Alpha Alpha Chapter
Georgia-Pacific Foundation, Inc.
Gorgas Scholarship Foundation
Gunter Noncommissioned Officers' Wives Club
Gunter Officers' Wives Club
Linly Heflin Unit
Keep Montgomery Beautiful
Killgore Trust
"Miss Elizabeth" D. Leckie Scholarship Fund
Maxwell Noncommissioned Officers' Wives Club
Montgomery City Panhellenic
Montgomery County High School
Mount Vernon Mills Foundation
Monte L. Moorer Trust
North Highland Baptist Church
OPTi-Mrs. Club of Montgomery
Order of the Eastern Star of Alabama
Order of the Mason, John L. Webb Grant High Court
Opp-Micolas Mills Educational Foundation
Pilot Club of Prattville, Inc.
Pintala Baptist Church
Professional Secretaries International,
 Confederate Capital Chapter
Quarry Heights Officers' Wives Club
Restaurant Systems, Inc.
Retired Officers Association-Ft. Rucker Chapter
Benjamin and Roberta Russell Foundation
Scottish Rite Foundation of Alabama, Inc.
South Carolina Foundation of Independent Colleges,
 Peace Fund Scholarship
Southern Baptist Foundation of Independent Colleges

Wal-Mart Foundation
Winn-Dixie Stores, Inc.
Winn-Dixie Montgomery, Inc.
Woodlands High School Scholarship Fund, Inc.
Zeta Phi Beta Sorority, Inc.
 Alpha Rho Zeta Chapter

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 meet promptly 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. Where 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 \$5.00 or \$10.00, whichever is applicable, and if payment is not cleared promptly the student's registration may be cancelled.

VETERANS

Veterans enrolled under the Federal G. I. 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 time of registration.

Full-time Students (12-20 hours or more).....	\$365.00
Additional Fee (per hour over 20 hours)	\$15.00
Full-time Non-Resident Fee (12-20 hours).....	\$1,095.00
Additional Fee (per hour over 20 hours)	\$45.00
Part-time Students (not exceeding 11 hours per quarter)	
Course Fee (per credit hour).....	\$29.00

Registration Fee.....\$10.00
 (The \$10.00 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).....\$90.00
 Registration Fee.....\$10.00

STUDENT HOUSING FEES

One bedroom apartment for two students.....\$400/qtr./person
 Two bedroom apartment for four students.....\$370/qtr./person
 One bedroom apartment used as private room or for married
 couple.....\$600/qtr.

OTHER FEES

Clearing for Graduation Fee.....\$10.00

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.

Graduation Fee.....\$10.00

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.....\$10.00

Audit Fee (per course).....\$35.00

Any student who pays less than full fees must pay this fee
 for auditing a course.

Schedule Adjustment Fee.....\$10.00

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.....\$ 3.00

REGISTRATION FEE CANCELLATION OR REFUNDS

Students resigning by the last day of refunds calendar are eligible for a refund
 of all fees paid, except \$10.00 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 \$10.00 which is retained by AUM.

Students suspended for disciplinary reasons are neither eligible for refunds nor
 cancellation of amounts due.

Students processing schedule adjustment forms after the refund date are re-
 quired to clear all financial obligations with the Finance 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. **Pell Grants (formerly Basic Educational Opportunity Grants):** These are direct grants to students. An undergraduate student may apply if she or he is enrolled on at least a half-time (6 hours) basis.

Application is made to ACT Student Financial Aid Services. To apply, the student must complete a form called a "Family Financial Statement (FFS) Packet."

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 notification of eligibility.

The university Finance Office actually makes the grant disbursements.

2. **Supplemental Education Opportunity Grants (SEOG):** These 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. The amount cannot be less than \$100 or more than \$4,000 a year.

3. **College Work-Study (CWS) Program:** This 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. **Perkins Loan (formerly National Direct Student Loan - NDSL):** 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 mili-

tary service or Peace Corps. The repayment period may extend over a period of ten years at 5% non-cumulative 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 Perkins Loan is for both UNDERGRADUATE and GRADUATE students.

5. **Guaranteed Student Loans:** This program enables a student to borrow directly from a bank, credit union, savings and loan association, or other participating lender who is willing to make the loan.

Application can be made by students enrolled at least half-time (6 hours). The maximum amount allowed per year is \$2,625 for Freshmen and Sophomores and \$4,000 for Junior and Senior status. The interest rate is 8%. The total allowed for undergraduate school is \$17,250.

The Guaranteed Student Loan is for both UNDERGRADUATE and GRADUATE students.

6. **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.

7. **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.

EDUCATIONAL BENEFITS FOR VETERANS

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

Veterans Education 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 the benefits are available to the student enrolled in six or seven hours.

Graduate students receive full benefits if enrolled for eight or more hours each quarter, three-quarter benefits for six or seven hours, and one-half benefits for four or five 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, Montgomery, Alabama 36193-0401.

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 in order for them to receive the appropriate remuneration. Those attending while on Active Duty and those attending less than 1/2 time (5 hours or less Undergraduate, 3 or less Graduate) must be certified each quarter. Those (other than Active Duty) attending 1/2 time rate 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 re-certified 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 Office of Veterans Affairs (Admissions Office) to be sure their status is correct. It is the student's responsibility to renew and report their 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 Office of Veterans Affairs.

Where 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, Montgomery, Alabama 36193-0401. 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 ten dollar (\$10.00) 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.

NON-RESIDENT STUDENTS

Preference is given to the admission of residents of Alabama; however, applications from out-of-state residents will be accepted. The number of out-of-state students who are accepted will be determined by the availability of facilities and faculty.

For the purpose of assessing fees, applicants shall be classified as Alabama or non-Alabama students. Non-Alabama students (except graduate students) are required to pay a non-resident tuition fee. An Alabama student is a person who shall be a citizen of the United States or a resident alien and who shall have resided and maintained habitation, home, and permanent abode in the State of Alabama for at least twelve (12) months immediately preceding current registration. In applying this regulation, "applicant" shall mean a person applying for admission to the institution who is married or 19 years of age; or otherwise, it shall mean parents, parent, or legal guardian of the person. If the parents are divorced, residence will be determined by the residency of the parent to whom the court has granted custody.

In the determining of in-state residency, the burden of proof is on the applicant. An applicant can change residency status from non-Alabama to Alabama student only by residing in the state for the required period.

A non-Alabama student may apply in writing for reclassification prior to any subsequent registration. To qualify for reclassification as an Alabama student, the applicant (1) shall present evidence of having resided in Alabama for twelve (12) consecutive months preceding the request for reclassification; (2) shall submit evidence that the usual and expected obligations of an Alabama citizen are met; and (3) shall file a declaration of intent to reside in Alabama. An alien shall have resided in Alabama for twelve (12) months and must present U. S. Immigration and Naturalization resident alien certification. If the application is supported by evidence satisfactory to the University that a student qualifies as an in-state resident, then classification may be changed for future registrations.

Members of the armed services and their dependents stationed in Alabama, unless specifically for civilian educational purposes, will be granted resident status. Dependents of members of the armed services stationed outside Alabama will be granted resident status if the parent or guardian in the armed services has an Alabama Home of Record. Furthermore, members of the armed services with an Alabama Home of Record who enroll in the university while on active duty or within a one year period after leaving active duty will be granted resident status. Documentation is required and the Alabama Home of Record must be attested to by military authority for a minimum period of one year before the entry of the student.

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 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, Montgomery, Alabama 36193-0401.

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 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 which indicates potential for college success.

Applicants from non-accredited 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.

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 \$10.00 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 in 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/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.

An AUM undergraduate who is within ten quarter hours of graduation may register for graduate courses during his/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, handicap or disabled veteran/Vietnam era veteran status.

MEDICAL EMERGENCY ON CAMPUS—In case of a medical emergency contact the campus police at 271-9424. Arrangements have been made with Humana Hospital to receive calls for medical attention for those students who do not have a private physician in Montgomery or are unable to furnish their physician's name. Transportation to Humana Hospital will be provided by contacting the AUM campus police.

AUM will pay for any emergency first-aid type treatment rendered at Humana Hospital to the student. Cost for any additional treatment or medication (other than emergency treatment) will be the responsibility of the student.

Students are encouraged to participate in the "low-cost" student health insurance program sponsored through the SGA.

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 handicapped in Section 504 of the Rehabilitation Act of 1973. Specifically, the Center for Rehabilitation Resources provides evaluation of individual needs and appropriate support for academic programs of persons identified as handicapped.

Anyone who desires information about accessibility or services should contact the Center for Rehabilitation Resources, sixth floor of the Library Tower, or call 271-9468.

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 (FERPA) 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 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, 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** which is the official student handbook or by contacting the SGA office in 130 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:

- A. 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;
- B. 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/she desires to pursue (either those of the initial catalog of concern or those of the new program);
- C. 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 pre-register, register, receive quarterly grade reports, use University facilities, or to 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, Book Store, Finance, Financial Aid, Housing, Library, Records, Security, etc.

DISCIPLINE

1. Each student, by act of registration, obligates himself/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 (plagiarism), 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.
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/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 is divided into a "foundation year" of coursework 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 backgrounds, and will come to perceive the vital issues of our common life as citizens in a complex and changing world.

The minimum University requirements for all students are listed 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.

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
Elective	Minimum of 20*	

*A minimum of 20 hours of liberal education studies are to be taken by each student; these will consist of coursework 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.

1. If the transfer student has fewer than three quarter hours of credit in freshman English composition, no credit is allowed. If three, four or five quarter hours 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 eight 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 insure 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. No grades or credits are received. 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 10 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 over.

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 co-requisite requirements of courses are listed with the course descriptions in this bulletin. 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 Finance 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 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/she is registered. If a student resigns prior to the day identified as the "Last Day For Refunds," the courses will be deleted from the record.

The deadline for withdrawing from a course is 5 p.m. on the Friday that is the mid-point of the quarter. This date is specified in the quarter calendar. In order to withdraw before the deadline, 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, who will assign a "W," or by the head of the department in those unusual circumstances of an instructor's unavailability. A schedule adjustment is officially recognized when the completed form is returned to the Finance/Records Office. 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/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/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 point 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 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

CONTINUED RESIDENCE—AUM may place a student on probation or suspension at any time if he/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 numbers of hours attempted at Auburn University at Montgomery, multiplied by two, exceed 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 re-admitted on academic probation following the expiration of the academic suspension.

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, exceed 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 re-admitted only by special approval of the Admissions Committee on the basis of adequate evidence of the student's ability, maturity, and motivation.

A student re-admitted on academic probation after a suspension will not be placed on academic or indefinite suspension again if he/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 dis-enrolled 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 insure that degree program/course requirements are met.

Application may be made in the Records Office on any weekday during the quarter between 8 a.m. and 6 p.m., Monday through Thursday, and 8 a.m. and 5 p.m., Fridays. Between quarters a student may apply between 8 a.m. and 5 p.m., Monday through Friday. A fee of \$10 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 re-apply at the Records Office to graduate in a subsequent quarter. (The graduation fee will not be assessed for re-applications.)

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 and a 2.0 grade point average for those hours and 36 weeks of residence is required for a second baccalaureate degree. Additionally, the student must satisfy all course requirements for the degree.

DOUBLE MAJORS—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 clearing graduation requirements with exceptionally high scholastic records, who have completed in residence at AUM not less than six quarters of work (90 quarter hours) required in their curricula, are graduated with distinction. The distinction attained will be recorded on the student's diploma and on the official transcript.

A transfer student who has completed at least six quarters of work (90 quarter hours in residence) at AUM is eligible for graduation honors if both the following requirements are met: (1) the grade point average on all work taken in residence at AUM meets the minimum requirements for the honor and (2) overall grade point average on all work taken in residence at AUM and elsewhere meets the minimum requirements for the honor.

A transfer student may not be graduated with a degree of distinction higher than that based on the AUM record, and where the overall average is lower than the AUM record, the degree of distinction earned will be determined by his/her overall grade point quotient.

A student whose record at AUM fails to meet the requirements established for one of the degrees of distinction may not be graduated with honors regardless of the record attained elsewhere.

A student who graduates with a second degree will have **all** undergraduate work, wherever taken, considered in the determination of eligibility for honors.

In determining graduation honors, all work attempted in residence, except remedial subjects and subjects cleared with the "S" (satisfactory) grade, will be used in the calculations. Where transfer credits are considered, calculations will be based on the grade point values in use at AUM.

The grade point averages required for graduation with distinction are: With Honor, a grade point average of at least 3.4; With High Honor, a grade point average of at least 3.6; and With Highest Honor, a grade point average of at least 3.8.

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. No examinations may be repeated in an attempt to receive credit.

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 Dean of the school in which the student is majoring, and the head of the department in which the course is offered.

A student may receive no more than 90 quarter hours credit on the basis of non-classroom 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 (excluding Air Force 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 non-academic 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.

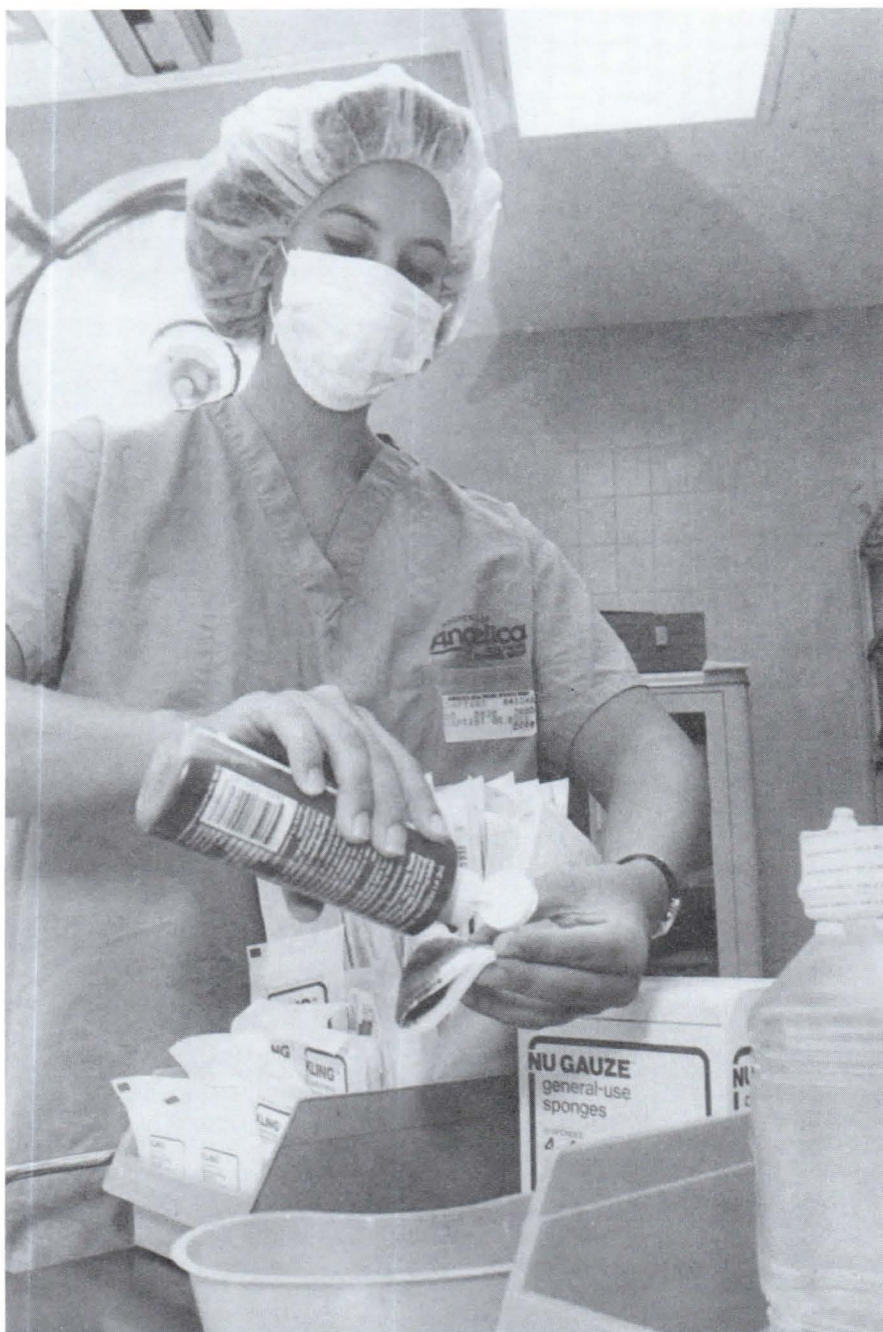
The Dean must certify a student for participation in the SOC program and approve, in advance, all course work that will be acceptable as transfer credit.

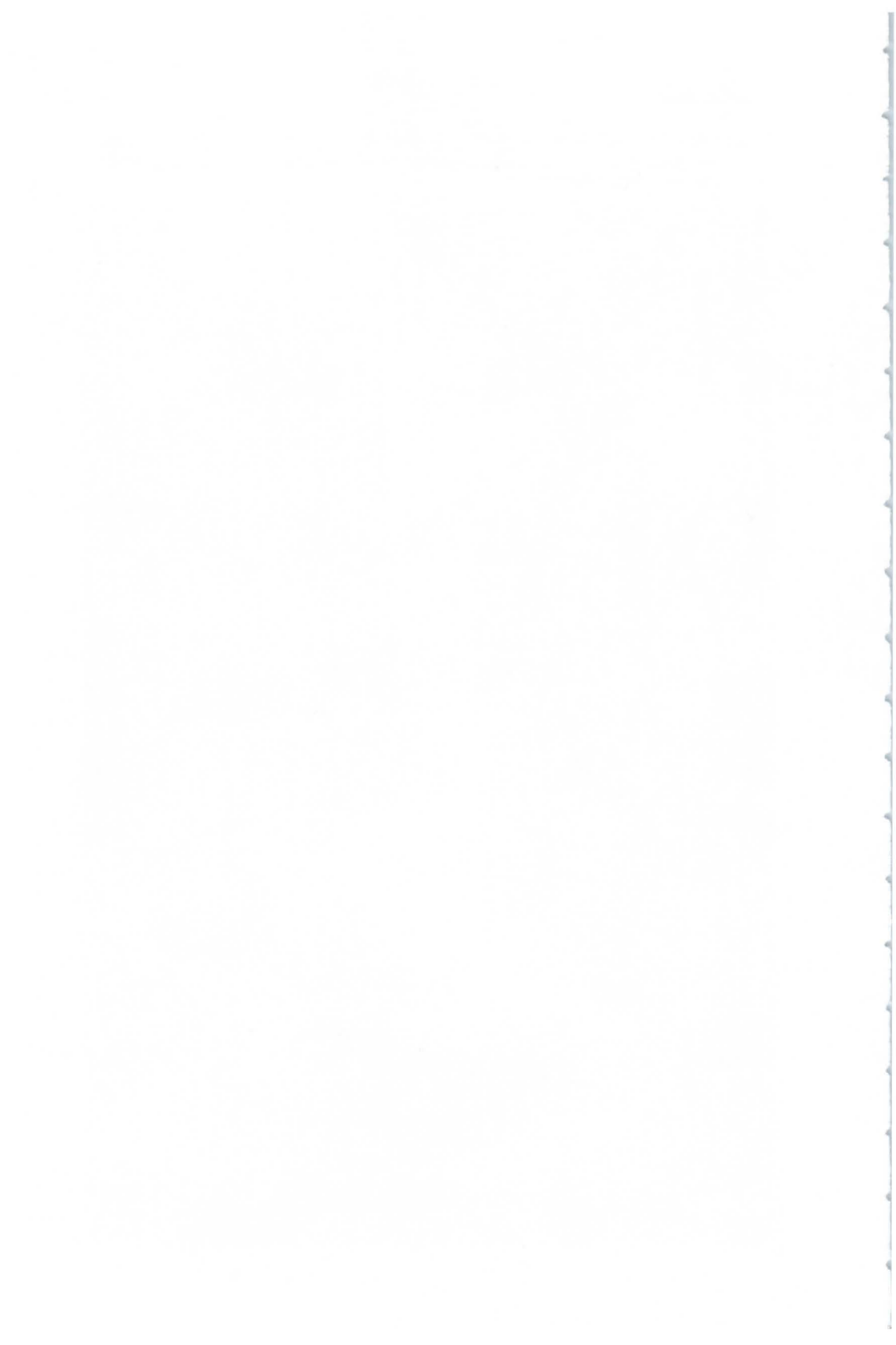
AUM-HUNTINGDON CROSS-ENROLLMENT

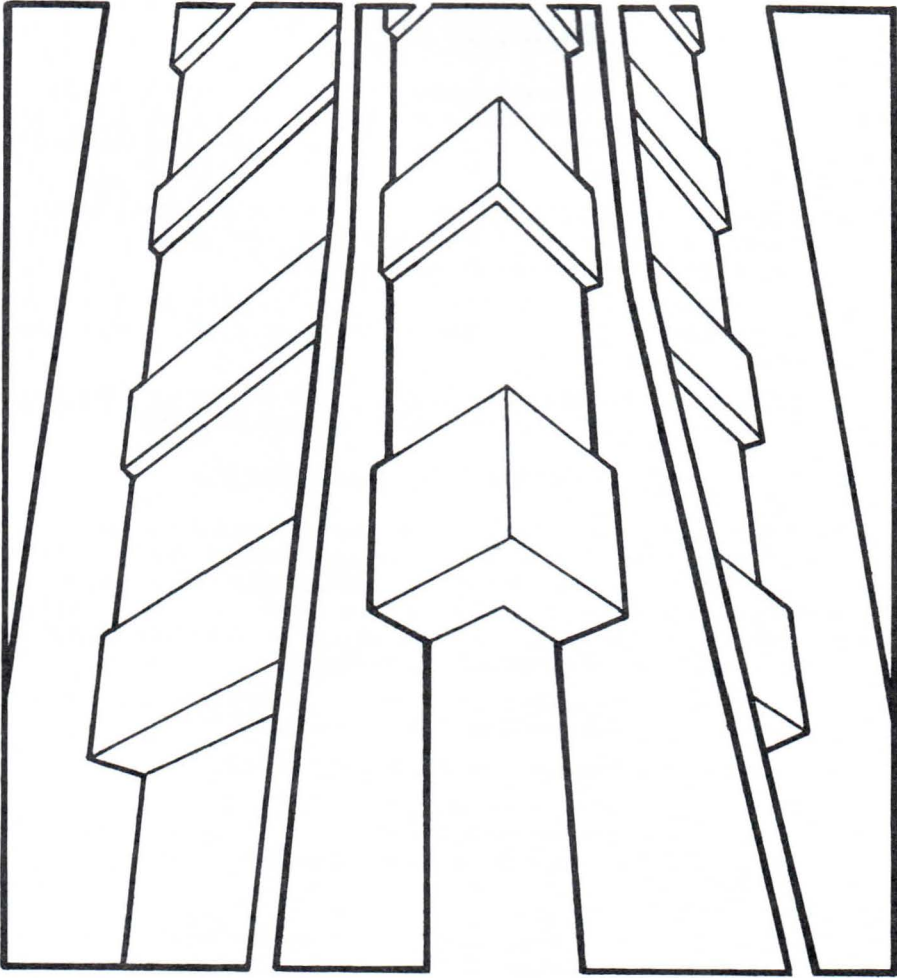
In keeping with the desire to provide a complete and flexible educational opportunity for students in the Montgomery area, AUM and Huntingdon College have agreed to a cross-enrollment arrangement. Under this agreement it is possible for a student enrolled at AUM or Huntingdon to have access to courses offered on either campus. 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 three-hour semester course or a five-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/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.







THE SCHOOL OF BUSINESS
DR. MICHAEL C. BUDDEN, DEAN

Accounting
Decision Science
Economics
Finance
General Business
Information Systems
Management
Marketing
Personnel Management

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, service to industry, community, government, and research. Specifically stated, the purpose of the School of Business is:

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 non-credit activities.
3. Insofar as possible, to engage in research by encouraging and supporting faculty research and supervising contract research programs.

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 Personnel 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 bulletin.

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:

FI 361 Financial Management I
MN 310 Principles of Management
MN 340 Business & Society
MN 346 Organizational Theory & 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 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 stu-

dents may not use more than 50 hours of Business courses for graduation purposes.

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

Courses considered remedial 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	Qtr. Hrs.	Course	Qtr. Hrs.
EH 101 English Composition I.....	5	AC 201 Intro. Accounting I.....	4
EH 102 English Composition II.....	5	AC 202 Intro. Accounting II.....	4
HY 101 World History I.....	5	AC 203 ³ Essentials of Management Accounting.....	5
HY 102 World History II.....	5	EC 201 Economics I.....	5
MH 150 ¹ College Algebra.....	5	EC 202 Economics II.....	5
MH 151 Survey of Calculus & Linear Algebra.....	5	IS 207 Intro. to MIS.....	5
PG 211 General Psychology.....	5	MN 241 Business Law.....	4
PH 201 Intro. to Philosophy.....	5	QM 274 Business Stat I.....	4
COM202 Intro. to Human Communication.....	5	Art/Science Elective ^{2,4}	5
Natural Science.....	5	Art/Science Elective ⁴	5
Natural Science.....	5	Art/Science Elective.....	4

¹ Decision Science majors take MH 160-161
² Accounting and Marketing majors take SY 201
³ Accounting majors take AC 301
⁴ Information Systems majors take 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 eight accounting courses beyond Introductory Accounting. Students preparing themselves for a specific career in accounting, such as CPA, will need to take additional courses beyond those prescribed.

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

Course	Qtr. Hrs.	Course	Qtr. Hrs.
AC 301 Intermediate Acct. I.....	5	MN 310 Prin. of Management.....	4
AC 302 Intermediate Acct. II.....	5	MN 340 Business & Society	4
AC 303 Intermediate Acct. III.....	5	MN 346 Org. Theory & Behavior.....	4
AC 304 Income Tax Accounting.....	5	MN 480 Business Policy.....	5
AC 401 Cost Accounting.....	5	MT 331 Prin. of Marketing.....	4
AC 402 Managerial Accounting.....	5	QM 374 Business Statistics II.....	5
AC 406 Auditing.....	5	QM 385 Production Management	4
AC 407 Advanced Accounting.....	5	*Business Elective.....	5
EC 360 Money & Banking.....	5	*Business Elective.....	5
EH 306 Bus. & Prof. Writing	5	*Business Elective.....	5
FI 361 Financial Management I.....	5		

* Must be 300-400 level courses.

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 others.

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

Course	Qtr. Hrs.	Course	Qtr. Hrs.
EC 360 Money & Banking.....	5	FI 465 Public Finance.....	5
EH 306 Bus. & Prof. Writing	5	MN 310 Prin. of Management.....	4
FI 321 Prin. of Insurance.....	5	MN 340 Business & Society	4
FI 323 Prin. of Real Estate	5	MN 346 Org. Theory & Behavior.....	4
FI 361 Financial Mgt. I.....	5	MN 480 Business Policy.....	5
FI 362 Financial Mgt. II.....	5	MT 331 Prin. of Marketing.....	4
FI 365 Fin. Inst. & Mkts.....	5	QM 374 Business Statistics II.....	5
FI 460 Commercial Banking.....	5	QM 385 Production Management	4
FI 462 Monetary Theory&Policy.....	5	*Business Elective.....	5
FI 464 Intro. to Investments.....	5	*Business Elective.....	5

* 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 courses.

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

Course	Qtr. Hrs.	Course	Qtr. Hrs.
EC 301 Contem. Econ. Prob.....	5	FI 361 Financial Mgt. I.....	5
EC 330 Inter. Microeconomics.....	5	MN 310 Prin. of Management.....	4
EC 340 Inter. Macroeconomics.....	5	MN 340 Business & Society.....	4
EC 350 Labor Economics.....	5	MN 346 Org. Theory & Behavior.....	4
EC 360 Money & Banking.....	5	MN 480 Business Policy.....	5
EC 452 Comparative Econ. Sys.....	5	MT 331 Prin. of Marketing.....	4
EC 454 Hist. of Econ. Thought.....	5	QM 374 Business Statistics II.....	5
EC 465 Public Finance.....	5	QM 385 Production Management.....	4
EC 480 Energy Economics.....	5	*Business Elective.....	5
EH 306 Bus. & Prof. Writing.....	5	*Business Elective.....	5

* Must be 300-400 level courses.

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

* Must be 300-400 level courses.

DEPARTMENT OF MANAGEMENT JUNIOR AND SENIOR

Management Curriculum (MN)

The program of study in Management is designed to provide professional training for careers in the management and administration of business and economic affairs. The curriculum is concerned with providing the student with (1) 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	Qtr. Hrs.	Course	Qtr. Hrs.
EC 350 Labor Economics.....	5	MN 473 Logistics Management.....	5
EH 306 Bus. & Prof. Writing	5	MN 480 Business Policy.....	5
FI 361 Financial Mgt. I.....	5	MT 331 Prin. of Marketing.....	4
MN 310 Prin. of Management.....	4	QM 374 Business Statistics II.....	5
MN 315 Personnel Management.....	5	QM 385 Production Management	4
MN 340 Business & Society	4	QM 475 Quan. Meths. of Mgt.....	5
MN 346 Org. Theory & Behavior.....	4	*Business Elective.....	5
MN 444 Collective Bargaining	5	*Business Elective.....	5
MN 450 Issues in Management.....	5	*Business Elective.....	5
MN 470 International Bus.....	5	*Business Elective.....	5

* Must be 300-400 level courses.

JUNIOR AND SENIOR

Personnel Management Curriculum (PRM)

The curriculum in Personnel Management is designed to prepare students for managing personnel and industrial relations activities in business and governmental organizations. It provides an academic background for work with employees and unions as well as providing a broad knowledge of management concepts.

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

Course	Qtr. Hrs.	Course	Qtr. Hrs.
EC 350 Labor Economics.....	5	MN 470 International Business.....	5
EH 306 Bus. & Prof. Writing	5	MN 473 Logistics Management.....	5
FI 361 Financial Mgt. I.....	5	MN 480 Business Policy.....	5
MN 310 Prin. of Management.....	4	MT 331 Prin. of Marketing.....	4
MN 315 Personnel Management.....	5	QM 374 Business Statistics II.....	5
MN 340 Business & Society	4	QM 385 Production Management	4
MN 346 Org. Theory & Behavior.....	4	QM 475 Quan. Meths. of Mgt.....	5
MN 355 Human Resource Mgt.....	5	*Business Elective.....	5
MN 444 Collective Bargaining	5	*Business Elective.....	5
MN 450 Issues in Management.....	5	*Business Elective.....	5

* Must be 300-400 level courses.

DEPARTMENT OF MARKETING JUNIOR AND SENIOR

Marketing Curriculum (MT)

The curriculum in Marketing is designed to prepare the student for jobs 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 training required by business firms which employ college graduates for executive training programs in sales, merchandising, and marketing administration.

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

Course	Qtr. Hrs.	Course	Qtr. Hrs.
EH 306 Bus. & Prof. Writing	5	*MT Elective.....	5
FI 361 Financial Mgt. I.....	5	*MT Elective.....	5
MN 310 Prin. of Management.....	4	*MT Elective.....	5
MN 340 Business & Society	4	*MT Elective.....	5
MN 346 Org. Theory & Behavior.....	4	*MT Elective.....	5
MN 480 Business Policy.....	5	QM 374 Business Statistics II.....	5
MT 331 Prin. of Marketing.....	4	QM 385 Production Management ...	4
MT 436 Marketing Res. Meths	5	*Business Elective.....	5
MT 441 Con. & Mkt. Behavior	5	*Business Elective.....	5
MT 478 Marketing Problems.....	5	*Business Elective.....	5

* Must be 300-400 level courses.

For those students seeking a career in Sales and Sales Management, the following Marketing Electives are recommended:

- MT 340 Professional Selling¹
- MT 437 Sales Management¹
- MT 410 Industrial/Organizational Marketing
- 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

¹ Strongly recommended.

For those students seeking a career in Advertising and Promotional Management, the following electives are recommended:

- MT 432 Promotional Strategy¹
- MT 431 Advertising Management¹
- MT 340 Professional Selling
- MT 437 Sales Management
- MT 450 Direct Marketing
- MT 474 Print Media Advertising
- MT 490 Special Problems
- AT 323 Commercial Art²
- AT 324 Graphic Layout and Design²
- COM 330 Public Relations I²
- COM 340 Writing for Public Relations²
- COM 375 Advertising Media
- COM 385 Advertising Copywriting
- COM 481 Creative Strategy in Advertising

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. In addition, the student can acquire sufficient managerial knowledge so that he or she will be able to assume supervisory responsibilities in a short time.

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	Qtr. Hrs.	Course	Qtr. Hrs.
EH 306 Bus. & Prof. Writing	5	MN 310 Prin. of Management.....	4
FI 361 Financial Mgt. I.....	5	MN 340 Business & Society	4
IS 350 Svy. of Computer Lang.	5	MN 346 Org. Theory & Behavior.....	4
IS 355 Data Structures	5	MN 480 Business Policy.....	5
IS 356 Database Systems.....	5	MT 331 Prin. of Marketing.....	4
IS 460 Systems Analysis.....	5	QM 374 Business Statistics II.....	5
IS 470 Sys. Design & Imple.....	5	QM 385 Production Management	4
IS 480 Management Info. Sys.	5	QM 475 Quan. Mths. of Mgt.....	5
Art/Science Elective.....	5	Info. Sys. Elective.....	5
Art/Science Elective.....	5	*Business Elective.....	5

* Must be 300-400 level courses.

JUNIOR AND SENIOR

Decision Science Curriculum (QM)

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 a minimum of time.

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

Course	Qtr. Hrs.	Course	Qtr. Hrs.
EH 306 Bus. & Prof. Writing	5	QM 380 Decision Theory.....	5
FI 361 Financial Mgt. I.....	5	QM 385 Production Management	4
IS 330 FORTRAN Programming.....	5	QM 410 Intro. to Linear Models	5
MN 310 Prin. of Management.....	4	QM 475 Quan. Mths. of Mgt.....	5
MN 340 Business & Society	4	QM 476 Forecasting.....	5
MN 346 Org. Theory & Behavior.....	4	QM 478 Inven. & Prod. Sys.	5
MN 480 Business Policy.....	5	QM 480 Prob. in Dec. Science.....	5
MT 331 Prin. of Marketing.....	4	*Business Elective.....	5
QM 374 Business Statistics II.....	5	*Business Elective.....	5
QM 376 Stat. Quality Control.....	5	*Business Elective.....	5

* Must be 300-400 level courses.

DESCRIPTION OF COURSES

ACCOUNTING (AC)

Professors M. Golden, Lake, and Rogow
Associate Professors Kamnikar (Head) and Lett
Assistant Professors Guttikonda, Heier, and Sayers
Instructors Hollon and Kent

- 201. Introductory Accounting (4). Pr., Sophomore standing or special permission.**
Structure of accounting, elementary accounting principles, accounting methods for service and trading enterprises.
- 202. Introductory Accounting (4). Pr., AC 201, Sophomore standing or special permission.**
Continuation of AC 201.
- 203. Essentials of Management Accounting (5). Pr., AC 202, Sophomore standing or special permission.**
The use of accounting data in the management functions of planning and controlling. Cost-volume-profit analysis, budgeting, control, and performance evaluation, and product costing. For non-accounting majors only. Duplicate credit will not be allowed for AC 203 and AC 402.
- 301. Intermediate Accounting, Part I (5). Pr., AC 202, Junior standing.**
The advanced principles of accounting, and financial reporting.
- 302. Intermediate Accounting, Part II (5). Pr., AC 301, Junior standing.**
Continuation of AC 301.
- 303. Intermediate Accounting, Part III (5). Pr., AC 302, Junior standing**
A continuation of AC 301 and AC 302.
- 304. Income Tax Accounting (5). Pr., AC 202, Junior standing.**
Preparation of income tax returns and accounting records for income tax purposes.
- 401. Cost Accounting (5). Pr., AC 202, 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. Duplicate credit will be not allowed for AC 203 and AC 402.
- 404. Advanced Income Tax Accounting (5). Pr., AC 304, Junior standing.**
Specialized tax determination problems of individuals, corporations, estates, and trusts; information return.
- 406. Auditing (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, Junior standing.**
Advanced accounting theories and methods, consolidation of financial statements and other special problems.
409. **Fund Accounting (5). Pr., AC 202, Junior standing.**
Principles of accounting practices and financial reporting for non-profit entities and governmental units.
410. **Financial Management of Nonprofit Organizations (5).**
Principles of accounting and finance applied to nonprofit organizations. Fund accounting, budget systems, working capital management, financing alternatives, forecasting and financial analysis. For non-accounting majors only. Duplicate credit will not be allowed for AC 409 and AC 410.
416. **Advanced Auditing (5). Pr., AC 406.**
Advanced application of auditing procedures to practical problems with an emphasis on audit sampling. Includes research and presentation of cases.
419. **Accounting Systems and Internal Control (5). Pr., AC 301 and IS 207.**
Construction and use of accounting systems in collection and summarization of data for internal management and external reporting purposes. Internal control techniques and considerations. Subject matter will address both manual and EDP systems.
490. **Special Problems (1-5). Pr., Junior standing.**
Variable content in the accounting area.

DECISION SCIENCE (QM)

Professor C. Golden
Associate Professor McDevitt (Head)
Assistant Professors Eiland, Honan, Huang, Maier, and Tsai

274. **Business Statistics I (4). Pr., MH 150.**
The introduction and application of elementary statistics to decision making in Business and Economics to include 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, and 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. Included: 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, SAS, and BIOMED.
490. **Special Problems (1-5). Pr., Junior standing.**
Variable content in the Decision Science area.

ECONOMICS (EC)

Professors Lacy (Head) and Moberly
Associate Professor Gregorowicz
Assistant Professors Dayhoff, Deravi, Engle,
Hegji, and Murdoch
Instructor Walcott

201. **Economics I (5).**
Economic principles with emphasis upon the macro-economic aspects of the national economy. Introduction to the national income, price levels, employment and beginning demand and supply theory.
202. **Economics II (5).**
A continuation of economic principles with emphasis upon micro-economic 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 current importance.
330. **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.

- 340. Intermediate Macroeconomics (5). Pr., EC 201, EC 202, Junior standing.**
The study of the aggregate forces of supply and demand in an economy that seek the goals of full production, full employment, price stability and growth.
- 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 MH 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 cost-benefit analysis.
- 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., 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, fiscal policy in the American economy. (Same as FI 465.)
- 470. International Economics (5). Pr., EC 201, 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. Energy Economics (5). Pr., EC 201, EC 202, Junior standing.**
This course presents a broad overview of the problems faced by the United States and the world economy in the energy areas. Economic theory and analysis will be drawn upon to explain market and non-market phenomena that have a bearing on energy supply and demand conditions. Various energy sources and the economic considerations for their use and development will be examined. In addition, political and social factors will be analyzed. Current developments in the news relating to energy will be discussed. The impact of regulatory activity will also be covered.

490. **Special Problems (1-5). Pr. Junior standing.**
Variable content in the economics area.

FINANCE (FI)

Associate Professor Johnson
Assistant Professors Heier and Wilbourn

321. **Principles of Insurance (5). Pr., AC 202, 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 202, 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.
325. **Real Estate Appraisal (5). Pr., FI 323 or permission of instructor, Junior standing.**
A study of the source of real estate value, the techniques for estimating property value, and the effective use of appraisal information.
361. **Financial Management I (5). Pr., AC 202, 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 to the economy in general.
421. **Risk Management (5). Pr., FI 321, 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.
427. **Real Estate Financing (5). Pr., FI 323 or permission of instructor, 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.
428. **Real Estate Investments (5). Pr., FI 427.**
An advanced study of analytical techniques and methods used in real estate investment decision making. Includes traditional rules, discounted cash flow analysis, net present value, and internal rate of return. Reinvestment rates, creative financing and exchanging are studied from the viewpoint of the individual investor as to yield and tax position.
437. **Personal Financial Planning (5). Pr., AC 201, 202, Junior standing or permission of instructor.**
Integration of the concepts of financial planning, income taxation, investments, estate planning and planning for business owners and professionals.

460. **Commercial Banking (5). Pr., 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., 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., 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, fiscal policy in the American economy. (Same as EC 465.)
475. **International Finance (5). Pr., EC 201, EC 202, 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.
490. **Special Problems (1-5). Pr., Junior standing.**
Variable content in the Finance area.

INFORMATION SYSTEMS (IS)

Professor C. Golden
Associate Professors Ho and McDevitt (Head)
Assistant Professors Eiland, Honan, Huang,
Maier, and Tsai

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. **FORTTRAN 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 the 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). Pr., IS 232, Senior standing.**
Analysis and initial design of information flow systems for management control and decision making to include 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, performance measurement and control.
- 480. Management Information Systems (5). Pr., All IS Core Courses, Senior standing.**
Study of the multi dimensional 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 Clark and Sauser (Head)
Associate Professors Calvasina, Culverhouse,
Houser, and White
Assistant Professors Hall, Hollis, Goodson, and Honey
Instructor Burke

200. **Concepts of Business (4).**
An introduction to the basic principles which underlie business behavior with an emphasis on current business activities.
241. **Business Law I (4).**
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).**
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. For non-business majors only.
310. **Principles of Management (4). Pr., EC 202, AC 203, Junior standing.**
Management functions and the application of management principles in organization. Includes: evolution of management theory, planning and decision-making, organization theory, structuring coordination, authority and group relations, direction, leadership, motivation and communication, staffing, and managerial control.
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 union-management relations.
340. **Business & Society (4). Pr., Junior standing.**
The economic and environmental approach to the study of law as it relates to business, including the diverse ways in which government and various social groups influence business. The ethical and legal considerations pertaining to profit and non-profit organizations are treated.
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 & 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.

355. Human Resource Management (5). Pr., MN 310, MN 315, Junior standing.

A study of the functions of employee needs assessment, job analysis, recruiting and selection, impact of legal and regulatory considerations, the problems of compensation management and employee benefits, and other elements of human resource development, such as career planning, development and placement, organization development, retirement and workforce reduction.

367. Organizational 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.

405. Labor Law and Legislation (5). Pr., MN 315, Junior standing.

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

434. Purchasing (5). Pr., MT 331, Junior standing.

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

444. Labor Relations (5). Pr., Junior standing or permission of instructor.

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. Administration of the labor contract including on the job representation, grievance procedures, and arbitration.

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, 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.)

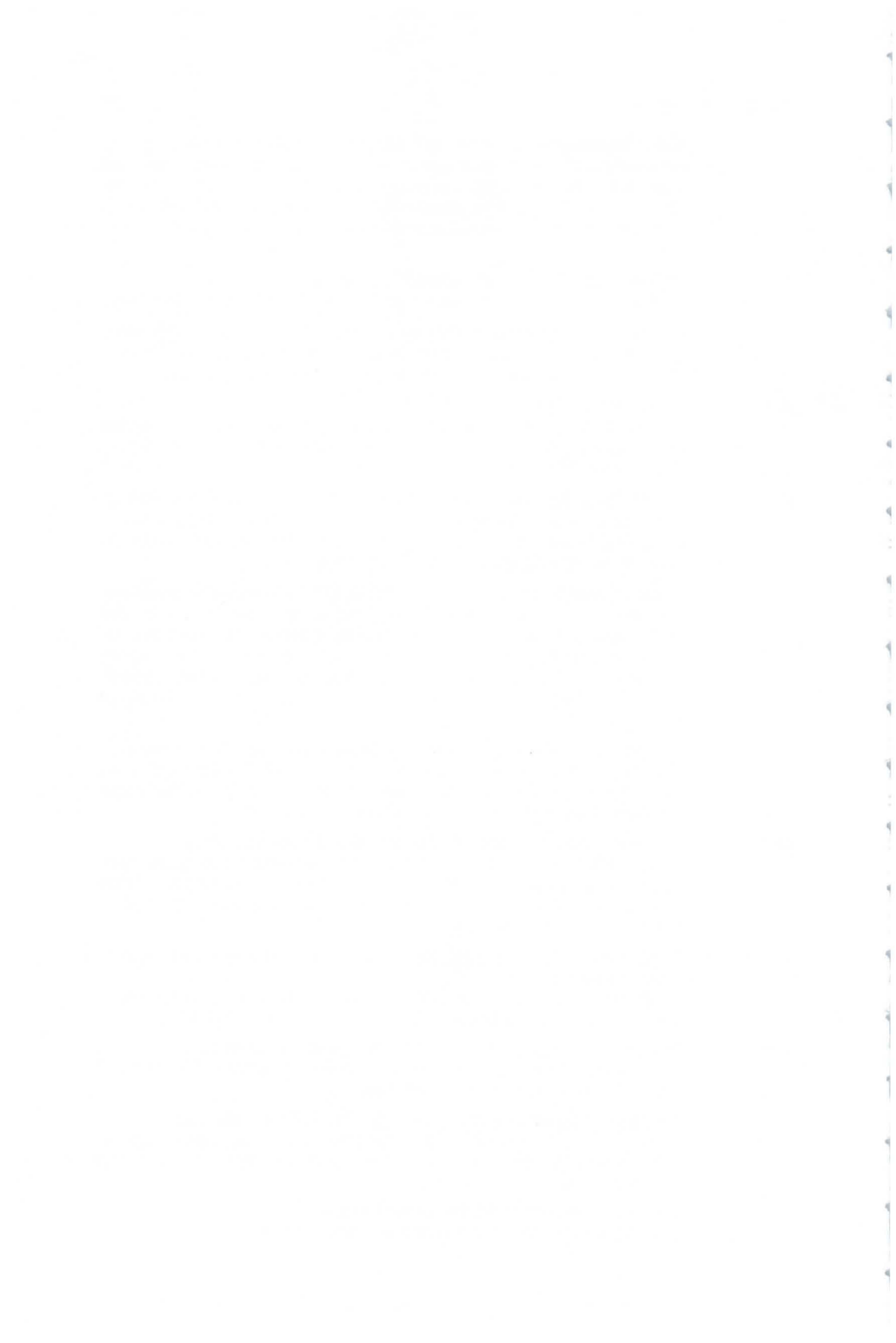
- 473. Logistics Management (5). Pr., MT 472 or permission of instructor, Junior standing.**
Fundamentals of supply and distribution management in business concerns. Includes plant location, inventory control, warehousing and office management. Total movement control from raw material to ultimate consumer is emphasized. (Same as MT 473.)
- 480. Business Policy (5). Pr., All Business core courses 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.

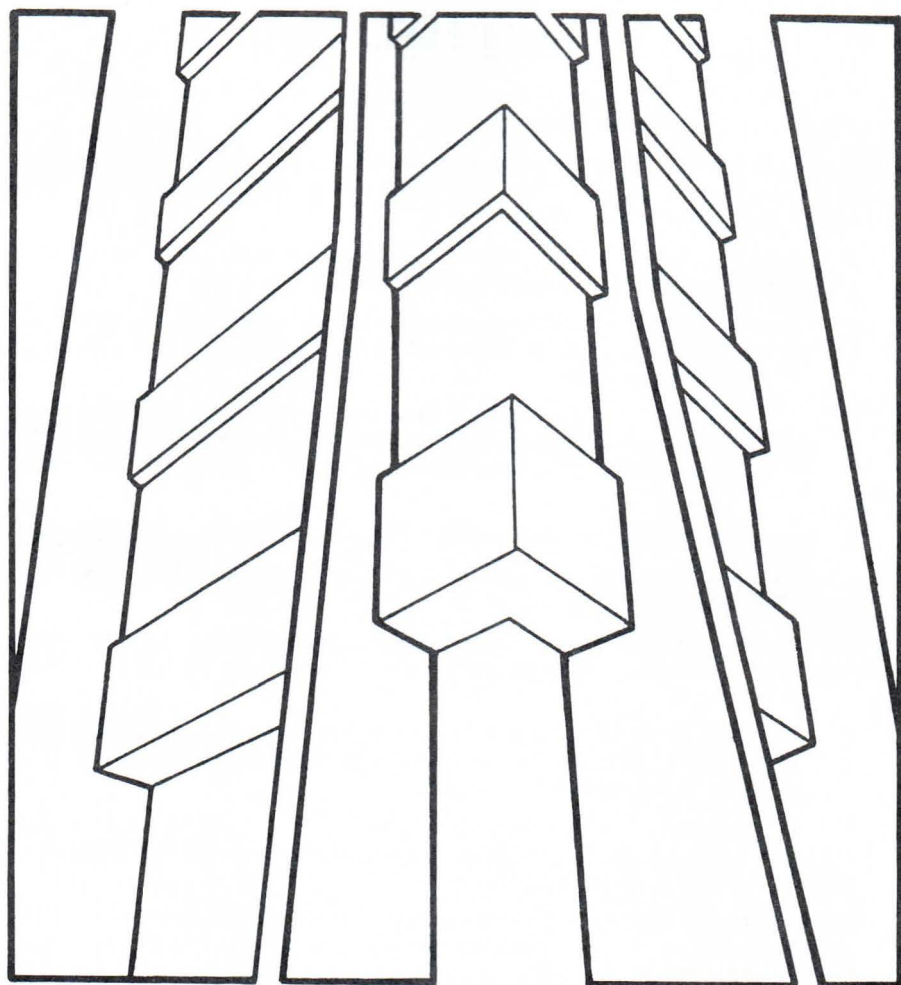
MARKETING (MT)

Associate Professors Ingram and Self (Head)
Assistant Professors Judd and Jones
Instructors Clark and Kline

- 231. Essentials of Marketing (5). Pr., None.**
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 (4). 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.**
Principal emphasis on the psychology of personal selling, sales planning and presentation, successful sales techniques and alternative sales strategies.
- 410. Industrial/Organizational Marketing (5). Pr., MT 331, Junior standing.**
Fundamentals of industrial/organizational marketing. Organizational buyer behavior, market segmentation techniques, new product development and pricing, promotion, and distribution decisions will be studied.
- 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 organization. Includes consideration of sales department organization, selecting, training, compensating, and supervising salesmen, sales planning, setting up sales territories and quotas and related problems.
- 438. Retailing (5). Pr., MT 331, Junior standing.**
A survey of the nature, procedure, and results of trade at the retail level.
- 441. Consumer and Market Behavior (5). Pr., MT 331, Junior standing.**
A comprehensive analysis of the influence of cultural, social and psychological factors upon the motivation and behavior of buyers.
- 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, telephone, television, and new T.V. technologies.
- 451. Advertising Management (5). Pr., MT 331, MT 432, Junior standing.**
A survey course in advertising management for clients and agencies. Budgeting, research, media selection, and the economic and social effects of advertising will be covered in this course.
- 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, 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. Economics of Transportation (5). Pr., EC 202, Junior standing.**
The development of systems of transportation. Rates are studied as they affect agriculture, commerce and industry. Attention is also given to government regulation of transportation agencies.
- 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 Problems (5). Pr., MT 331, Junior standing.**
Marketing problems, policies, costs, channels of distribution, terminal markets, trade barriers and legislation.
- 483. Strategic Advertising Campaign (5). Pr., ME 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 COM 483.)
- 490. Special Problems (1-5). Pr., Junior standing.**
Variable content in the marketing or transportation area.





SCHOOL OF EDUCATION
DR. NORBERT MAERTENS, 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 coursework 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, life-long 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 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) through the Alabama State Department of Education and the National Association of State Directors of Teacher Education Certification.

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 practicing.

BACHELOR OF SCIENCE IN EDUCATION

The School of Education offers courses leading to the BS 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. Coursework in areas of specialization providing depth of understanding required of the teacher.
4. Professional laboratory experiences include 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) Pre-professional Laboratory Program, (2) Professional Laboratory Program, (3) Professional Internship, and (4) Professional Practicum Experience.

The Pre-professional Laboratory Program is designed to provide freshman and sophomore education students initial field experiences in school or community settings. As an integral part of 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 spe-

cialization. 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 Coursework

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

FED 104

FED 210, or 211

FED 214

EH 101, 102

COM 202

B. Health Requirement

The student is required to submit evidence of a physical examination 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 per 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 2.0 (on a 4.0 scale) or better in EH 101, 102, or their equivalents.
3. The student must demonstrate English oral and written proficiency.
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 by his or her advisor. 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/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.
4. The student must have a minimum score of 16 on the ACT or 745 on the SAT examination. The score should be submitted when the student enters AUM or before the student completes 90 quarter hours. The ACT or SAT score cannot be more than five years old when submitted for admission to Professional Education.

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/her advisor to the Director of Laboratory Programs. The final dates for submission of the internship application are the following:

Fall Quarter Internship.....	May 30
Winter Quarter Internship.....	September 30
Spring Quarter Internship.....	January 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 and 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 Coursework

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/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 with 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 exclusion from this course 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. 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, 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

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 thirty quarter hours beyond the general curriculum requirements in Social Science, Mathematics, Science, Art, Psychology, Physical Education, Language Arts, Foreign Languages, Special Education, Early Childhood or other approved area.

Early Childhood (ECE)

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

Special Education (SPE)

Special Education with Endorsement in Mental Retardation
Early Childhood for the Handicapped,
or in 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.

Physical Education (PE)

The Comprehensive Physical Education Program (N-12):

- A. Each student is required to take the professional core.
- B. Each student is required to take both elementary and secondary methods courses and intern in both elementary and secondary schools.
- C. 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, Athletic Coaching.

Art Education (ATE)

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

Speech Communication Education (SCE)

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

Secondary Education (SED)

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

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

biology
chemistry
English
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.

STUDENT AFFAIRS COMMITTEE

The student who is concerned about student evaluation, advising, recruitment, retention, student welfare and other similar concerns, should contact the current

chairperson of the Student Affairs Committee of the School of Education as the initial step toward solution of problems related to the School of Education.

DESCRIPTION OF COURSES

FOUNDATIONS, SECONDARY, AND COUNSELOR EDUCATION

Professor Nivens (Head)

Associate Professors McElroy, Simpson, Thomas and Wieseman

Assistant Professors Afolayan, Crippen, and Portis

Educational Foundations (FED)

- 104. Introduction to Professional Education (5). Lec. 4, Lab 1.**
Required of all students completing the teacher education program and essential for those who have not yet decided upon a career in education. Specific attention is given to the organization, financing and administration of public and private education. The professional and legal aspects of teaching include civil liability, current trends and issues. Career opportunities are also addressed. Students are introduced to the teacher education program through a supervised exploratory field experience within a school setting. 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 pre-requisite to Admission to Professional Education.
- 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). 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 during adolescence. Various sociological, philosophical and psychological theories assist in this analysis. Field experiences are provided.
- 214. Psychological Foundations of Education (5). Lec. 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., Department 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.
- 350. Relationship Skills in the Classroom (3). Pr., Admission to Professional Education.**
Required of all students completing the teacher education program. Coursework emphasizes effective relationships within classrooms at both elementary and 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 351.
- 351. Foundations of Multi-Cultural Education (2). Pr., Admission to Professional Education.**
Required of all students completing the teacher education program. Introduces concepts of multi-cultural 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 FED 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.
- 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., None.**
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)

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.
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.
425. **Professional Internship in Secondary Education (5-15). Pr., Admission to Internship.**
Students are placed in schools for supervised teaching experiences. Student must submit an application for internship approved by his/her advisor to the Coordinator of Laboratory Experiences Program. Deadlines for submission of applications are the following: Fall Quarter-May 30; Winter Quarter-September 30; Spring Quarter-January 30.

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.
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 the student's advisor to the Coordinator of the Laboratory Experience Programs. Deadlines for the submission are: Fall Quarter-May 30; Winter Quarter-September 30; Spring Quarter-January 30.

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 the student's advisor to the Coordinator of Lab Experience Programs. Deadlines for submission are the following: Fall Quarter-May 30; Winter Quarter-September 30; Spring Quarter-January 30.

CURRICULUM, INSTRUCTION AND ADMINISTRATION (CIA)

Professors Maertens, Martin, and Walden
Associate Professors K. Campbell (Head), Gordon,
Griswold, Martin, Warren, Willard, and Wolfinger
Assistant Professors Graham, Prater, and Stockard
Instructors Arnold, Baggett, and Flynt

Early Childhood Education (ECE)

407. Guidance of Young Children (5). Pr., FED 210 and FED 214, Junior standing and Department 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 and Junior standing and Department 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 Department 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.

422. Creative Activities in Early Childhood Education (5). Pr., FED 210 and FED 214 and Department 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 Department 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.

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.

- 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., Department Approval.**

Students are placed in schools for supervised teaching experiences. Student must submit to the Director of Laboratory Experiences Program an application for internship approved by his/her advisor. Deadlines for submission of applications are the following: Fall Quarter-May 30; Winter Quarter-September 30; Spring Quarter-January 30.

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 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.

- 425. H,R,S(H) Early Childhood for the Handicapped, (R) Mental Retardation, (S) Speech Pathology Professional Internship in Special Education (5-15). Pr., Department Approval.**
Students are placed in schools for supervised teaching experiences. Student must submit to the Coordinator of Laboratory Experiences Program an application for internship approved by his advisor. Deadlines for submission of applications are the following: Fall Quarter-May 30; Winter Quarter-September 30; Spring Quarter-January 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 Department Approval.**
Supervised field experiences of exceptionality.

PHYSICAL EDUCATION

Professor D. Campbell (Head)
Associate Professor Brown
Assistant Professor Williford
Instructor Gibbons

Physical Education (PE)

Professional Theory Courses

- 115. Foundations of Health and Physical Education (5).**
An introductory course to further 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.
- 203. Theory and Techniques of Teaching Football, Soccer, and Bowling (3). Pr., Sophomore or Department approval.**
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., Sophomore or Department approval.**
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., Sophomore or Department approval.

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 and admission to Professional Education.

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 designing and development of offensive and defensive patterns of play suited to the specific talents and abilities of available personnel is 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 or Department 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, audio-visual aids, insurance programs, public relations, crowd control, care and prevention of athletic injuries and psychology of squad management. The designing and development of offensive and defensive patterns of play suited to the specific talents and abilities of available personnel is 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 or Department 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, audio-visual aids, insurance programs, public relations, crowd control, care and prevention of athletic injuries, and psychology of squad management. The designing and development of offensive and defensive patterns of play suited to the specific talents and abilities of available personnel is 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 or Department 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, audio-visual aids, insurance programs, public relations, crowd control, care and prevention of athletic

ic injuries and psychology of squad management. The designing and development of offensive and defensive patterns of play suited to the specific talents and abilities of available personnel is included. The student is encouraged to develop a philosophy of coaching and 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 and admission to Professional Education.

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, audio-visual aids, insurance programs, public relations, crowd control, care and prevention of athletic injuries, and psychology of squad management. The designing and development of offensive and defensive patterns of play suited to the specific talents and abilities of available personnel is 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.

212. Teaching Physical Education in the Elementary School (5). Pr., Sophomore or Department approval.

A study of games of low organization and play activities suitable to teach each grade in the elementary school. The presentation of skills and devices necessary for competent instruction for elementary grades. Emphasis is placed on physical and psychological factors as a base for determining appropriate activities. Methods of evaluation are included.

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.

303. Theory and Techniques of Teaching Track and Field, Softball, and Swimming (3). Pr., Sophomore or Department approval.

A course designed to develop professional expertise in the organization and teaching of track and field, softball, and swimming. 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.

304. Theory and Techniques of Teaching Tennis, Golf, and Archery (3). Pr., Sophomore or Department approval.

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 or Department 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 planning and the 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 310 and PE 315.

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 cardio-respiratory system, and the various means of physiological testing will also be included.

403. Methods of Teaching Physical Education (N-12)(5). Pr., Professional Education and Department approval.

This course is required for all physical education majors. Attention is given to the school curriculum, instructional methods, the learning process, and evaluation. Laboratory experiences are provided.

404. Kinesiology (5). Pr., BI 310 and PHS 100.

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 body efficiency, athletics, and health.

405. Perceptual Efficiency and Motor Development in Children (5). Pr., PE 212.

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 or Department approval.

A course designed to offer opportunities for such training protocols as peer-teaching, micro-teaching, team teaching, teaching observation, and participation. The student utilizes 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 prevention of hypokinetic disease.

416. Adapted Programs in Physical Education (5). Pr., Junior or Department 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 is also included.

418. Tests and Measurements in Physical Education (5). Pr., Junior or Department 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 or Department approval.

A course designed to present the various organizational and administrative structures, principles, and philosophies in the field of health and physical education. The planning and construction of physical facilities is included.

422. Problems and Issues in Physical Education (5). Pr., Department approval.

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 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 or Department approval.

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, physical therapy. Attention is also given to fitting and maintenance of professional equipment, taping, conditioning, and first aid.

Professional Activity Courses**104. American Folk and Square Dance (2).**

A course designed to present vigorous and challenging rhythmic activities in a co-educational situation emphasizing traditional and cultural relationships. Emphasis is placed on fundamental skills, knowledge, and appreciations.

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 co-educational situation emphasizing traditional and cultural relationships. Emphasis is placed on fundamental skills, knowledge, and appreciations.

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. Senior Life Saving (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 usage.

112. Water Safety Instruction (2). Pr., Senior Life Saving.

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 usage.

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 is included. Emphasis is placed on the development of fundamental skills, knowledge, and appreciations.

126. Touch Football (2).

A course designed to introduce the student to the basic elements in the game of touch football. Included is a basic history of the sport, rules of the game, 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 is included. Emphasis is placed on the development of fundamental skills, knowledge, and appreciations.
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 is included. Emphasis is placed on the development of fundamental skills, knowledge, and appreciations.
132. **Softball (2).**
A course designed to introduce the student to the basic elements of softball. Included is the basic history of the game, rules, offensive, and defensive patterns of play. Emphasis is also placed on the fundamental skills, knowledge, and appreciations.
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 appreciations.
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 is included. Emphasis is placed on the development of fundamental skills, knowledge, and appreciations.
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 is 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 appreciations. A nominal fee is charged for facility usage.
159. **Golf (2).**
A course designed to introduce the student to the basic elements in the game of golf. Included is 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 appreciations.

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 appreciations.

164. Intermediate Tennis (2).

A course designed to aid the student in continuing the development of a lifetime sport skill. The course includes instruction on the forehand and backhand strokes, the service net play, special shots, patterns of play, strategies, and tournament play. A student should have considerable play experience or have taken a beginning tennis course before registering for this course.

165. Self Defense (2).

A course designed to develop the skill and the knowledge of self defense activities so that students will have confidence in their ability to defend themselves in all situations.

168. Racquetball (2).

A course designed to introduce the student to the basic elements of racquetball. The course will include a basic history of the sport along with the fundamental rules governing it. Safety precautions along with the proper use, selection and care of equipment is included. Emphasis is placed on the development of fundamental skills, knowledge, and appreciations. A nominal fee is charged for facility usage.

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 usage.

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 is included. Emphasis is

placed on the development of fundamental skills, 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 is included. Emphasis is placed on the development of fundamental skills, knowledge, and appreciations in 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 usage.

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., Department approval.

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

192. Varsity Tennis (2). Pr., Department 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 or Department approval.

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, the school, and the community. Also the areas of health problem analysis, school health program development, and community services usage will be stressed.

335. 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.

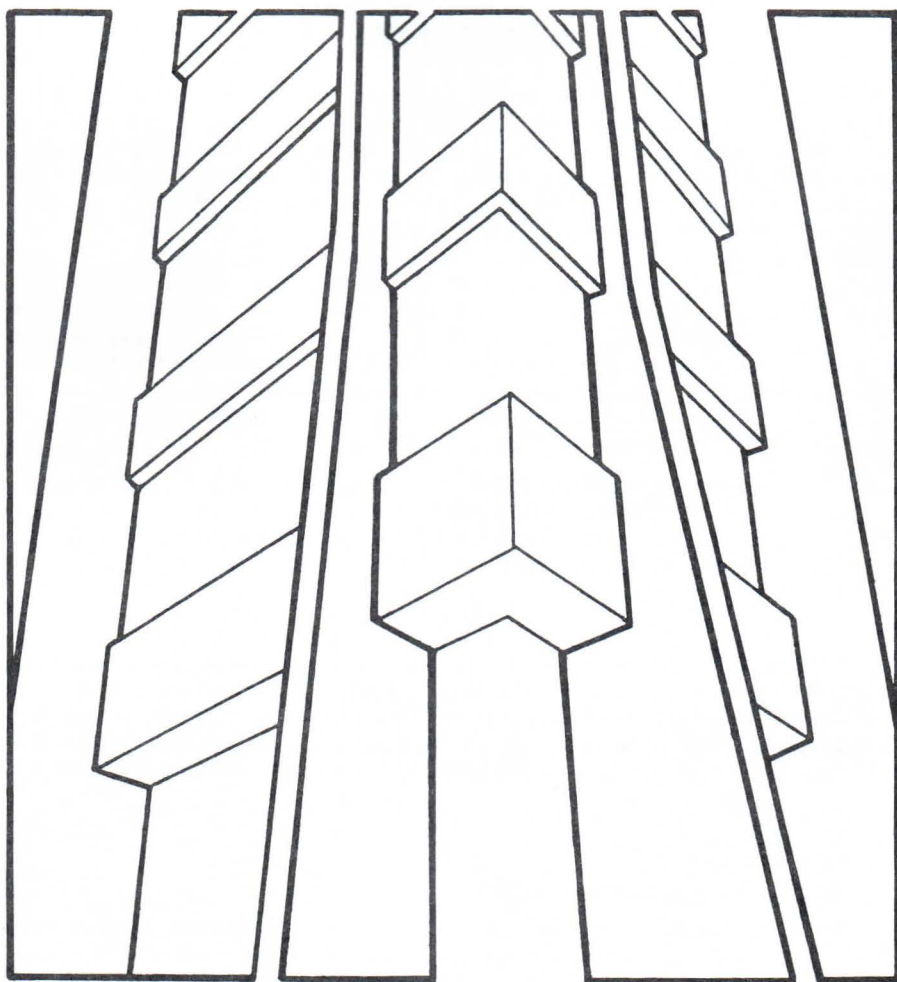
395. Emergency Medical Care (3).

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 ways and means of promoting safety consciousness for accident prevention. An indepth knowledge of emergency first aid procedures with special emphasis on practical applications and CPR techniques are included. Each student will be issued his/her CPR certification by completing the course.

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.





THE SCHOOL OF LIBERAL ARTS
DR. MARION MICHAEL, DEAN

Anthropology
English
Fine Arts
Foreign Language
Geography
Gerontology
History
International Studies

Mass Communication
Music
Philosophy
Social Work
Sociology
Speech Communication
Speech-Language Pathology & Audiology
Theatre

SCHOOL OF LIBERAL ARTS

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

The Liberal Arts requirements at AUM reflect these assumptions about the fundamentals of education and are designed to offer a plan of study which will insure 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 departmental symbol:

FA	Visual Arts	COM	Communication
EH	English	SY	Sociology
HY	History	SW	Social Work
BGS	Bachelor of General Studies		

In all curricula within the School of Liberal Arts, the major consists of a minimum of 35 hours (see departmental requirements), a minor of 20 hours, and, in addition to the requirements of the University Liberal Education Program, sufficient electives to insure 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"). 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 insure 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 strongly encouraged to select their minor from a school other than Liberal Arts.

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

THE FOREIGN LANGUAGE MINOR (FL). A minor will consist of 20 hours in one language beyond any other foreign language requirements.

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. Four hours' credit in performing ensembles 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 1865; (3) HY 402, The American South Since 1865; (4) HY 405, The History of Alabama; (5) ANT 212, Introduction to Archaeology; (6) EH 477, Southern Literature; (7) GY 361, Geography of the South; (8) SY 411, Regional Sociology; (9) SY 430, Minority Groups; and (10) GV 450, Southern Politics.

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. Only under extraordinary circumstances are these tests given on an individual basis.

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. 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 15 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 English, consult the Head of the Department of English or Director of Composition. 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 Grice (Head)

Associate Professors Cornell (Director of Speech and Hearing Clinic;
Director of Speech-Language Pathology and Audiology), and Wolfe
Assistant Professors Brown (Director of Speech Communication),
B. Gaines, McGukin, and Medley (Director of Mass Communication)

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.

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 202)	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).....	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 I: 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 311	Public Speaking	5
COM 312	Interpersonal Communication	5
COM 313	Group Discussion and Decision Making.....	5
COM 403	Communication Theory	5
COM 413	Empirical Research Methods.....	5
COM 414	Survey of Rhetorical Theory	5
COM 415	Seminar in Communication	5
Communication Electives (chosen in consultation with advisor).....		20
Total		60

OPTION II: 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
COM 365 Clinical Procedures in Audiology.....	1-3
COM 441 Phonetics	5
COM 451 Speech Correction I	5
COM 452 Speech Correction II	5
COM 453 Speech Correction III	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 III: 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 372 Feature Writing, or COM 374 Reporting II, or COM 384 Writing for Public Relations.....	5

COM 471 Mass Communication Theory	5
COM 482 Media Law & Ethics	5
Mass Communication Electives	30
Total	60

IV. Minor Requirements

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

Speech Communication	20
Speech-Language Pathology and Audiology	10
Mass Communication	20

VI. TOTAL REQUIREMENTS.....200**SPEECH AND HEARING CLINIC**

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

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

MASS COMMUNICATION LABORATORY

The Mass Communication laboratory is 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. A radio broadcasting control room and studio permit students to gain skills necessary for a career in broadcasting and broadcast journalism. Advertising, public relations, and journalism students use the print media studio to sharpen their skills in writing, advertising, print design, and layout. The print media studio contains electric typewriters, electronic photocomposition equipment, light tables, and related equipment. In addition to organized classroom activities, the laboratory is open to mass communication students for individual and group projects.

DEPARTMENT OF ENGLISH, FOREIGN LANGUAGE, AND PHILOSOPHY

Professors Michael, Nance, Williams
 Associate Professors Hill (Head), Billingslea,
 Evans, Gerogiannis, D. Walker, R. Walker, and Willis
 Assistant Professors Anderson (Director of Composition),
 Barfoot, Crowley, Johnson, Morton, Saur, and Stewart
 Instructors Buchanan, Simpson, and Troynaski

The Department includes the disciplines of English, Foreign Language, and Philosophy.

The English program, leading to a Bachelor of Arts degree in English, is designed to meet the needs of the following students: those who want to develop essential critical skills in reading, writing, and thinking as well as 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; those who value education as intellectual and aesthetic enrichment.

Although the Department does not offer degree programs in foreign language or philosophy, students may fulfill their minor requirements in either of those areas.

The requirements for a degree in English are as follows:

I. University Requirements	Hours
English Composition I and II.....	10
World History I and II	10
Natural Sciences (includes 5 hours in a lab science).....	10
Mathematics.....	5
Total	35

II. Departmental Liberal Education Requirements

Communication: COM 202.....	5
Fine Arts (Art History or Music History).....	5
A 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 (GV, 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 254.....	10
EH 257 and 258.....	10
EH 260	5
EH 328	5
EH 405, 406, or 407.....	5
EH 408	5
EH Electives	25
Total	65

(The EH electives must include: (a) one course in American and three courses in British or world literature; (b) one course in each of the four following literary periods: Medieval-Renaissance; 17th-18th centuries; 19th century; 20th century; (c) a course in each of the 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 FL 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 the appropriate literature in translation course.)

V. Free Electives	20
VI. Total Requirements	200

DEPARTMENT OF FINE ARTS

Professor Schwarz (Head)
Associate Professors Coley and Mills
Assistant Professors Fowler, Jensen, and Thompson

The Department, combining the disciplines of visual arts, music, and theatre, currently offers a major in visual arts, an emphasis in theatre, and minors in all of the above areas. The visual arts major requires at least sixty hours in this concentration. A theatre emphasis requires at least fifty-five hours in that concentration. A minor is constituted by a twenty-hour concentration in a particular discipline (other than that of the major).

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 six courses in Commercial Art (FA 225, 325, 410, 425, 426, 427, 430) which will provide the fundamental technical experience necessary to enter the field. In addition, courses in communication, photography, and business are available which the student may elect providing further reinforcement for a career in this area.

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.

ART EDUCATION

Students wishing to teach art in elementary or secondary school may take a program which 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, 111, 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) 826-4524.

NON-MATRICULATING STUDENTS

The Department of Fine Arts welcomes prospective students from the area who may wish to take coursework 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.

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 insuring 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.

The visual arts program at AUM offers the serious student a thorough undergraduate training in the theory and practice of the visual arts. Coursework in drawing, design, graphics, painting, sculpture and art history will prepare the prospective graduate student for matriculation at either the M.A. or the M.F.A. degree level.

Below are listed the university and departmental requirements for the major in visual arts (B.A. in Fine Arts) as well as the requirements for the visual arts and music minors:

I. University Requirements	Hours
English Composition (EH 101 and EH 102).....	10
World History (HY 101 and HY 102).....	10
Natural Sciences (BI 104, 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	
Communication (COM 202)	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: GV 101 or 102, IS 207, PH 203	15

History (HY 201, 202 recommended).....	10
Literature (EH 253, 254, or 257, 258).....	10
Philosophy (PH 201).....	5
Social Science (ANT 211).....	5
Total	55

III. Visual Arts Major Required Courses

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	Painting 1.....	5
FA 340	Printmaking 1 or FA 440.....	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

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 may be counted toward a Music minor.

THEATRE AUM

Associate Professor R. Gaines (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 which will prepare a student for graduate school, a career in the theatre, or a career in the fields of business, government, and other professions.

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 in Theatre AUM environments. For this reason all students in the program must enroll in Theatre 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 Liber-

al 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 and II (HY 101 and HY 102).....	10
Mathematics.....	5
Natural Sciences (5 hours in a laboratory science).....	10
Total	35

II. Departmental Liberal Education Requirement

Communication (COM 202).....	5
Fine Arts (FA 261 and MU 201).....	10
A Foreign Language/Option (1).....	15
History (2) (HY 201 and HY 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 English 260/261, the two-course sequence in World Literature, and a literature in translation course 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/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 twenty hours of course work from one department or may with the advisor's consent set up an Interdisciplinary Minor. (Please see The Interdisciplinary Minor as it is outlined in The Liberal Arts section.) 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 Bernard (Head), Dodd, Fair, and Sterkx (Emeritus)
Associate Professor Fitzsimmons
Assistant Professors Bradley, Hauf, Ramirez, and Wozniak

The History Major (HY)

The History Major teaches the student how to find important information about the past, how to analyze and evaluate that information, and how to communicate his or her findings in an intelligent and convincing manner. Majoring in history is an excellent preparation not only for teaching, researching and writing, but also for decision-making in careers in business, government, law and other professions. Majoring in history at AUM means the development of a strong background in the histories and cultures 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 202)	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/Options (15 hours in one foreign language or 15 hours as follows: 5 hours in foreign language literature in translation 5 hours in HY 493, and 5 hours in EC 201, GV 101, MH 267 or IS 207	15
History (HY 201 and HY 202)	10
Literature (EH 253 and EH 254, or EH 257 and EH 258)	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

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. Electives

25 free hours	25
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VI. Total Requirements 200

**The History Major:
Concentration in International Studies (HYI)**

Associate Professor Gerogiannis, Director

The demand for individuals trained in both foreign cultures and foreign languages is increasing. The International Studies Concentration in the Department of History provides the student with the opportunity to develop the knowledge necessary for effective participation in international activities. The program is designed to emphasize modern international activities. The program is designed to emphasize modern international cultures and to enable the student to develop a speaking ability in at least one foreign language. To enter the program, a student must consult with the director.

I. University Requirements

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

II. Interdepartmental Liberal Education Requirements

Foreign Language (FL 121, FL 122 and FL 123 (French), or FL 131, FL 132 and FL 133 (Spanish), or FL 141, FL 142 and FL 143 (German))	15
History (HY 261 Cultural History of the Far East; HY 221 Cultural History of Latin America; and HY 326 Modern Europe, 1815-Present)	15
Literature (EH 261 Survey of Western Literature II and EH 404 Special Topics in Research and Writing)	10
Social Science (ANT 211 Cultural Anthropology, EC 320 Comparative Economic Systems, and GV 320 Introduction to International Relations)	15
Total	55

III. Major Requirements

A. Thirty-five hours from Group A as follows:	
15 hours from Foreign Language and 20 hours from	
History	35
B. Thirty-five hours from at least three Subject Areas in	
Group B	35
C. At least 40 of these 70 hours must be in courses	
numbered 300 or above.	
	Total
	70

GROUP A

1. Foreign Language (must be a continuation of the same program selected in the Interdepartmental Liberal Education Requirements)
 - FL 221, FL 222, FL 223 Second Year French I, II, and III,
 - or
 - FL 231, FL 232, FL 233 Second Year Spanish I, II, and III,
 - or
 - FL 241, FL 242, FL 243 Second Year German I, II, and III
2. History
 - HY 237 A Cultural History of Wales, Scotland and Ireland
 - HY 255 A Cultural History of Russia and Eastern Europe
 - HY 337 The British Empire and Commonwealth of Nations
 - HY 363 The Middle East: From Muhammad and the Rise of Islam to World War I
 - HY 364 The Modern Middle East: World War I - Present
 - HY 367 Africa
 - HY 372 Modern China, 1644-Present
 - HY 375 Modern Japan, 1850-Present
 - HY 378 India
 - HY 382 Modern Latin America
 - HY 383 Contemporary Latin America
 - HY 385 Central America
 - HY 390 Nationalism and Revolution in the Modern World
 - HY 391 World War I
 - HY 392 World War II
 - HY 394 The Holocaust
 - HY 395 Special Topics in History
 - HY 415 American Diplomatic History
 - HY 429 Critical Issues in Non-U.S. History
 - HY 440 France, 1787-1870
 - HY 441 Modern France, 1870-Present
 - HY 446 Modern Germany

HY 454	The Hapsburg Empire, 1740-1918
HY 457	The Soviet Union
HY 459	Poland
HY 463	Israel and the Arab World
HY 473	A History of Chinese Communism
HY 477	Vietnam
HY 490	War and Strategy

GROUP B

1. Anthropology
 - ANT 310 Special Topics in Anthropology
 - ANT 371 Culture and Personality
 - ANT 376 Ethnology: Peoples of a Selected Culture Area
 - ANT 390 Language in Culture and Society
 - ANT 403 Cultural Change
2. Economics
 - EC 201 Economics I
 - EC 202 Economics II
 - EC 470 International Economics
 - FI 475 International Finance
3. Literature
 - EH 310 Contemporary Themes of Literature
 - EH 315 Special Topics in Literature
 - EH 483 European Fiction
 - FL 302 Studies in French Literature in Translation
 - FL 303 Studies in Spanish Literature in Translation
 - FL 304 Studies in German Literature in Translation
4. Government
 - GV 321 Introduction to Comparative Government
 - GV 322 American Foreign Policy
 - GV 435 Area Studies
 - GV 490 Special Topics in Political Science
5. Geography
 - GY 205 Geography of World Regions
 - GY 211 Cultural Geography
 - GY 221 Economic Geography
6. History (Same offerings as in Group A)
7. International Business
 - MN 280 Essentials of Management
 - MT 231 Essentials of Marketing
 - MN/MT 470 International Business
8. Sociology
 - SY 310 Sociology of Sex Roles (Non-U.S.)
 - SY 452 Sociology of Religion (Non-U.S.)

SY 498 Independent Study

IV. Minor 20 hours

The minor should be in either Economics, Foreign Language, Government, or International Business.

Students who wish to minor in another subject area need the permission of the Director.

V. Electives..... 20 hours**VI. Total Requirements 200 hours****DEPARTMENT OF SOCIOLOGY**

Professors Bogie (Director, Center for Demographic and Cultural Research) and Harrison (Head)

Associate Professors Ryali and Sheldon

Assistant Professors Carson, Marcus,

Rankin-Ullock, and Sharp

The Department of Sociology combines the disciplines of anthropology, geography, social work, and sociology. A student may major in sociology, choosing one of five concentrations. The department also offers minors in anthropology, geography, social work, 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 100, MH 150, or MH 161).....	5
Total	35

II. Departmental Liberal Education Requirements

Communication (COM 202)	5
Fine Arts (FA 261, 351, 352; MU 201, 250, 251, 252; TH 204, 304, 431, or 432).....	10
A Foreign Language (A student may substitute a 10 hour sequence of courses in mathematics and/or research methodology, plus 5 hours in foreign language literature in translation.)	15
Literature (EH 253, 254, 257, 258).....	10
Philosophy (PH 201, 203, 310, 333, or 334).....	5
Social Science (10 hours in history, HY 201 and 202 recommended; 5 hours in government, GV 101 or 102; and ANT 211)	20
Total	65

III. Major (SY) Requirements**General Sociology Concentration**

SY 201	Introduction to Sociology.....	5
SY 202	Social Problems	5
SY 302	Research and Methodology	5

SY 402	Social Theory	5
MH 267	Elementary Statistics.....	5
Electives (sociology courses numbered 300 level or above).....		20
Total		45

Deviant Behavior Concentration

SY 201	Introduction to Sociology	5
SY 202	Social Problems	5
SY 302	Research and Methodology	5
SY 320	Juvenile Delinquency.....	5
SY 321	Criminology	5
SY 402	Social Theory	5
SY 423	Sociology of Deviant Behavior.....	5
MH 267	Elementary Statistics.....	5
SY 498	Field Placement or SW 450 Field Placement.....	5
Elective (SW 330, 350; SY 335, 445, 454, or 430).....		5
Total		50

Marriage and Family Concentration

SY 201	Introduction to Sociology	5
SY 203	Intimate Life Styles.....	5
SY 302	Research and Methodology	5
SY 310	Sociology of Sex Roles.....	5
SY 318	Human Sexuality	5
SY 454	Sociology of the Family	5
ANT 325	Kinship and Social Organization.....	5
MH 267	Elementary Statistics.....	5
Any two of the following:		
SW 350	Social Work Methods I	
SW 416	The Aging Process	
SW 420	Child Welfare	
SW 450	Field Placement I	10
Electives (SY 380, 402, 430, 498; SW 315 or 330).....		5
Total		55

Anthropology Concentration

ANT 210	Principles of Physical Anthropology	5
ANT 212	Introductory Archaeology.....	5
ANT 325	Kinship and Social Organization.....	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.)		
SY 201	Introduction to Sociology	5
Electives (anthropology courses numbered 300 level or above)		20
Total		45

Social Work Concentration

SW 220	Introduction to Social Work.....	5
SW 221	Social Welfare: Policies and Services.....	5
SW 330	Human Behavior and Social Environment.....	5

SW 350	Social Work Methods I.....	5
SW 351	Social Work Methods II.....	5
SW 450	Field Placement I.....	10
SW 451	Field Placement II.....	10
SY 201	Introduction to Sociology.....	5
SY 302	Research and Methodology.....	5
SY 430	Minority Groups.....	5
MH 267	Elementary Statistics.....	5
PG 211	General Introductory Psychology.....	5
PG 318	Personality or PG 323 Behavior Pathology.....	5
Total		75

IV. Minor Requirements (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.)..... **20**

V. Free Electives **15-35**

VI. Total Requirements **200**

Under a major/minor option in the Department of Sociology, the student pursuing the general sociology, deviant behavior, or marriage and family concentration may minor in anthropology or social work. The student choosing the anthropology or social work concentrations may minor in sociology.

BACHELOR OF GENERAL STUDIES DEGREE

The BGS 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 BGS 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 BGS Degree program is based on a curriculum of interdisciplinary, or liberal studies, which is divided into four study areas: Social Sciences, Natural Sciences/Mathematics, Humanities, and Complementary Area Studies.

No more than fifty 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 or Logic.
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 applied communications and speech (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, speech pathology, economics, and specified areas in applied communications and speech (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 BGS 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 BGS student should insure 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 BGS curriculum must be enrolled in the BGS 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)

Pre-law is not a pre-professional major at AUM. 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 which 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 the major in order of preference: English language and literature, government, 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:

	Quarter Hours
English Composition	10
English or American Literature.....	10
American History	10
Political Science (including U.S. Government).....	10
Principles of Economics.....	10

Additional recommended courses are English language and literature, mathematics, English history, philosophy, psychology, sociology, foreign language, criminal justice, accounting, computer science, and public speaking. Since other requirements must be met, completion of these courses does not insure admission.

Interested students should examine the requirements of the specific law school which 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 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.

DESCRIPTION OF COURSES

ANTHROPOLOGY (ANT)

- 210. Principles of Physical Anthropology (5).**
An introduction to human evolution and population genetics with emphasis on the interpretation of hominid fossil record. A review will be made of archaeological techniques, contemporary human population 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, 211, or 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 Department 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. A study of 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 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 211.**
An introduction to cultural norms, perspectives, and perceptions of health care. Focus on the role of cultural and ethnic beliefs and adaptations pertaining to matters of sickness, curing, and well-being in modern as well as traditional societies.
376. **Ethnology: Peoples of a Selected Culture Area (5). Pr., ANT 211.**
A survey of cultural anthropology and archaeology in a selected global culture area (such as the Pacific, South Asia, or Sub-Saharan). Focus on comparative analyses of major cultural developments and concerns including origins, migrations, and adaptations. May be repeated for a maximum of 10 hours credit.
380. **New World Civilizations (5). Pr., ANT 211.**
A survey of the prehistory of Mexico, Peru, and adjacent areas, tracing the development of state-level societies from the earliest inhabitants to European contact. The Teotihuacan, Aztec, Maya, and Peru 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; 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 inter-related 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

- 110. Voice and Diction (5).**
The study of effective voice development and phonetics with practice in phonation, articulation, and pronunciation.
- 202. 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.
- 216. Business and Professional Communication (5).**
Study and practice of communication skills used in business and the professions. Topics include impression formation, employment interviews, negotiation and conflict resolution, problem solving, superior-subordinate relationships, and business presentations.
- 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 ten hours.

- 225. Introduction to Political Communication (5).**
An analysis of the role of communication in the political arena—political campaigning, political office-holding, and lobbying.
- 311. Public Speaking (5).**
Structure, style, and delivery of various types of speeches for different occasions. Theory and study of current examples combined with practice.
- 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.
- 313. 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.
- 314. Argumentation Theory and Debate (5). Pr., COM 202.**
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.
- 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.
- 327. The Language of Politics (5).**
An investigation of the critical approaches to the study of political discourse. Emphasis will be placed on congressional, gubernatorial, and presidential discourse.
- 328. Political Communication and the Media (5).**
The study of the relationship between the political arena and its rhetoric as carried by the media from 1952 to the present. Emphasis will be placed on rhetorical analysis of the mediated political event.
- 329. Speechwriting (5).**
A study of the principles of speech composition through analysis and through practice in speech writing. Emphasis will be placed on the application of research in speechwriting to various forms and styles of speeches (special occasion speeches, political speeches, and business speeches).
- 330. Selected Topics in Speech Communication (5). Pr., Permission of instructor.**
An exploration of a theme from any area of speech communication having contemporary relevance. Course may be repeated up to three times provided a different theme is selected each time.

- 403. Communication Theory (5). Pr., COM 202 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 202 and Junior standing.**
Considers the major social 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 202.**
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 202 and Junior standing.**
History of theories of discourse tracing major concepts, trends and contributions of classical through contemporary orientations.
- 415. Seminar in Communication (5). Pr., COM 202 and Junior standing.**
A study of the principles of criticism and research in human communication. The course will emphasize fundamental aspects of criticism and methods of research.
- 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

- 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. Speech Correction I (5). Pr., Junior standing or permission of instructor.**
The nature of the speech correction process with emphasis on disorders of articulation. Participation in clinical activities required. This course may be taught concurrently with COM 651.
- 452. Speech Correction II (5). Pr., Junior standing or permission of instructor.**
Continuation of COM 451 with emphasis on vocal disorders and disorders of rhythm. Participation in clinical activities required. This course may be taught concurrently with COM 652.
- 453. Speech Correction III. Language Development (5). Pr., Junior standing and permission of instructor.**
Emphasis on disorders of language development and symbolization. Participation in clinical activities required. 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, 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.
- 274. Reporting I. 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.
- 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, 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 using 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 (3). 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, 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 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, 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, 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.

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 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 eighteenth century.
254. **Survey of English Literature II (5). Pr., EH 102.**
English literature from the beginning of the nineteenth 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 Western World I (5). Pr., EH 102.**
The study of classical Greek and Roman, medieval, and Renaissance literature.
261. **Survey of Literature of Western World II (5). Pr., EH 102.**
The study of significant literary works of the western world which provide representative views of man in the eighteenth, nineteenth, and twentieth centuries.
301. **Creative Writing (5). Pr., EH 102.**
The writing and criticizing of poetry or fiction (as designated by the quarter schedule). Students will also read and discuss selections from traditional and contemporary literature. Methods of publishing and the literary market will be studied. May be repeated once for credit.

303. **Technical Writing (5). Pr., EH 102 and permission of instructor.**
Technical Writing is designed to help the pre-engineering and science major develop the skills necessary to 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 the use of visual presentations of information and interpretation of data.
304. **Introduction to Film (5).**
A survey history of popular films. Films are criticized for their artistic or entertainment value, and for their cultural importance. Methods of film storytelling are compared to those of other mediums. The focus may be on various genres, periods, directors or actors.
305. **Advanced Expository Writing (5). Pr., EH 102.**
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 102.**
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 in various 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 in America and Europe from the early nineteenth 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 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.
404. **Special Topics in Research and Writing (1-5). Pr., Junior standing or permission of instructor.**
This course will deal with specialized fields within the larger areas of research and writing, such as computer research, scientific writing, or grant writing. The focus will be announced at each scheduling of the course. The course may be repeated for credit.
405. **Advanced English Grammar (5). Pr., Junior standing.**
A survey of the structure and grammar of English, with intensive examination of selected issues in sentence grammar. (May be offered concurrently with EH 605.)

- 406. Rhetoric and Style (5). Pr., Junior standing.**
Study of the composing process and various types of voice in writing. (May be offered concurrently with EH 606.)
- 407. History of the English Language (5). Pr., Junior standing.**
The chronological development of the English language.
- 408. Literary Criticism (5). Pr., Junior standing.**
A study of the fundamental principles of literary criticism from Aristotle to the present. (May be offered concurrently with EH 608.)
- 415. Medieval Literature (5). Pr., Junior standing.**
A study of English and/or 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 seventeenth century with an emphasis on Milton, the Metaphysical poets, and the important prose writers. (May be offered concurrently with EH 631.)
- 441. 18th Century Poetry and Prose (5). Pr., Junior standing.**
Selected British poetry and prose from the Restoration to the mid-18th century. (May be offered concurrently with EH 641.)
- 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 nineteenth 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 twentieth 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. Southern Literature (5). Pr., Junior standing.**
Representative Southern writers from colonial times to the present. (May be offered concurrently with EH 677.)
- 481. Modern Poetry (5). Pr., Junior standing.**
Studies of major modern poets of America, England, and/or Europe. (May be offered concurrently with EH 681.)
- 483. European Fiction (5). Pr., Junior standing.**
A study of the selected works of six to ten major European writers such as Goethe, Balzac, Flaubert, Tolstoy, Dostoevsky, Zola, Mann, and Proust. (May be offered concurrently with EH 683.)
- 485. Studies in Drama (5). Pr., Junior standing.**
An examination of a period or sub-genre of drama, such as modern drama or tragedy, to be specified at each course scheduling. (May be offered concurrently with EH 685.)
- 498-499. Readings in English (1-5). Pr., Department approval.**
Individual study programs in literature or language as determined by the instructor and student. A minimum of two written assignments required.

FINE ARTS (FA)

- 100. Drawing 1 (5).**
Object drawing. Media: charcoal, pencil, ink, etc.
- 110. Design (5)**
Exploration of the basic elements and principles of two-dimensional design. Limited color, various media.
- 200. Drawing 2 (5). Pr., FA 100.**
A continuation of object drawing with emphasis on representation of volume.
- 210. Color (5).**
Principles and practices in use of color.
- 215. Principles of Photography (5).**
Uses of photography in journalism, advertising, public relations, and art. Camera work, developing, and printing.

220. **Painting 1 (5).**
Painting in oil (and/or possibly other media) in abstract and representational modes.
225. **Lettering (5).**
Experience in letter forms including exercises to develop technical skills as well as a creative approach in pencil, pen and brush. An appreciation of letter forms and the ability to render them is fundamental to print media design.
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.**
281. **Public School Art (5).**
Materials and methods for the development of art activities in elementary and secondary schools.
295. **Ceramics 1 (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. **Intermediate 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. **Painting 2 (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 - Painting 1.)
325. **Introduction to Commercial Art (5).**
Principles, disciplines, and techniques of commercial art for the student interested in an art/business career.
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.
340. **Printmaking 1 (5).**
Drawing and design utilizing relief (block print) and stencil (silk-screen) media. May be repeated for credit.
351. **Art History 1 (5).**
A survey of the visual arts from prehistoric times through the Early Renaissance.
352. **Art History 2 (5).**
A survey of the visual arts from the High Renaissance to the present.

- 353. History of Modern Art (5).**
Analysis of the visual arts produced in the West from the first quarter of the nineteenth century to the middle of the twentieth century.
- 395. Ceramics 2 (5). Pr., FA 295.**
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). Department Head's approval.**
Advanced projects, in the various disciplines, initiated by the student to be 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.
- 415. Advanced Photography (5). Pr., FA 315.**
Exploration of manipulative techniques and alternate methods. May be repeated for credit.
- 416. Photojournalism (5). Pr., FA 215.**
Building skills in composition and technique.
- 420. Painting 3 (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. Introduction to Computer Graphics (5). Pr., Permission of instructor.**
Introduction to the computer as a tool for creating and manipulating images. Programming skills are not necessary.
- 430. Design Practicum (5). Permission of instructor.**
For the advanced student wishing to gain experience in practical design problems under faculty direction. May be repeated for credit.
- 440. Printmaking 2 (5).**
Drawing and design utilizing intaglio (etching) media. May be repeated for credit.
- 451. Colloquium in the Arts (5). Pr., Junior standing.**
Commonalities and differences between the visual arts, music, and literature are investigated. Research and discussion may center on an historical period, style, or motif. This course may be taught concurrently with FA 651.

452. **Reading in Art History (5). Pr., FA 351, 352, 353.**
Research in the literature in respect to an art historical period, personage, or problem. May be repeated once for credit.
461. **Seminar in Contemporary Art (5). Pr., FA 351, 352, 353.**
An introduction to American Art from 1970 to the present, discussion of current art trends and study of related art criticism, survey of gallery and museum systems. An optional trip to New York is planned. Students who choose to participate will assume all expenses.
495. **Ceramics 3 (5). Pr., FA 395.**
Advanced directed study in ceramics.

FOREIGN LANGUAGE (FL)

French

121. **First Year French I (5).**
Training in the four language skills (aural comprehension, speaking, reading, writing) and a study of the grammar underlying the mastered corpus. Emphasis on aural-oral practice.
122. **First Year French II (5). Pr., FL 121 or equivalent.**
A continuation of FL 121. The emphasis shifts progressively to reading and writing.
123. **First Year French III (5). Pr., FL 122 or equivalent.**
A continuation of FL 122. Completion of the study of the grammatical core of French. Emphasis on the acquisition of vocabulary through reading and composition.
221. **Second Year French I (5). Pr., FL 123 or equivalent.**
An introduction to French writers and authors. Works of moderate difficulty from classical and contemporary writers are read. Practice in speaking and writing continues. The grammar is reviewed.
222. **Second Year French II (5). Pr., FL 221 or equivalent.**
A continuation of FL 221. Analysis of texts increases in depth. Practice in oral and written exposes.
223. **Second Year French III (5). Pr., FL 222 or equivalent.**
A continuation of FL 222. Long exposes are required. Introduction to stylistics begins. Study of advanced grammar.
302. **Studies in French Literature in Translation (5). Pr., EH 102.**
Focus will be announced at each scheduling of the course.
- 321-322. **Advanced Independent Study in Foreign Language: (French) (1-5). Pr., FL 223 or equivalent and consent of instructor.**
Guided independent reading and/or research in selected areas of foreign language, literature or culture.

Spanish

131. **First Year Spanish I (5). Pr., EH 101 recommended.**
A four skills (aural comprehension, speaking, reading, writing) approach to learning Spanish through the study of basic grammatical forms combined with experience in the communicative use of the language.

- 132. First Year Spanish II (5). Pr., FL 131.**
A continuation of FL 132.
- 133. First Year Spanish III (5). Pr., FL 132 or equivalent.**
A continuation of FL 132 leading to the completion of the study of the grammatical scope of Spanish.
- 231. Second Year Spanish I (5). Pr., FL 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. Second Year Spanish II (5). Pr., FL 231 or equivalent.**
A continuation of FL 231.
- 233. Second Year Spanish III (5). Pr., FL 232 or equivalent.**
A continuation of FL 232.
- 303. Studies in Hispanic Literature in Translation (5). Pr., EH 102.**
Focus will be announced at each scheduling of the course.
- 331-332. Advanced Independent Study in Foreign Language: (Spanish) (1-5). Pr., FL 233 or equivalent and consent of instructor.**
Guided independent reading and/or research in selected areas of foreign language, literature or culture.

German

- 141. First Year German I (5). Pr., EH 101 recommended.**
Building a foundation in the four language skills (aural comprehension, speaking, reading, writing) through the study of basic grammatical forms combined with experience in the communicative use of the language.
- 142. First Year German II (5). Pr., FL 141 or equivalent.**
A continuation of FL 141.
- 143. First Year German III (5). Pr., FL 142 or equivalent.**
A continuation of FL 142.
- 241. Second Year German I (5). Pr., FL 143 or equivalent.**
A continuation of the four-skills approach with emphasis on actual use of the language. Grammar study included as needed for reference, review, or special needs. Increased flexibility according to student needs and interests.
- 242. Second Year German II (5). Pr., FL 142 or equivalent.**
A continuation of FL 241.
- 243. Second Year German III (5). Pr., FL 242 or equivalent.**
A continuation of FL 242.
- 304. Studies in German Literature in Translation (5). Pr., EH 102.**
Focus will be announced at each scheduling of the course.
- 341-342. Advanced Independent Study in Foreign Language: (German) (1-5). Pr., FL 243 or equivalent and consent of instructor.**
Guided independent reading and/or research in selected areas of foreign language, literature or culture.

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.
- 211. 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.
- 221. 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 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 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 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 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 1865 (5).

A survey of the political, economic, social and intellectual movements and institutions of the United States from colonial times to 1865.

202. U.S. History Since 1865 (5).

A survey of the political, economic, social and intellectual movements and institutions of the United States from 1865 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 the Far East (5).**
An introduction to Asian civilization focusing on East and Southeast 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 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 and Reconstruction (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 and postwar eras.
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. **Post-Industrial 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, 211 or 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.)
315. **American History Through Film (5).**
An analysis of selected topics in modern American History (such as Reconstruction of the South, Women's Rights, the Roaring Twenties and the Cold War) through the use of American feature-length movies. The course demonstrates the use and misuse of film in understanding the American past.

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 seventeenth and eighteenth 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.

331. Ancient Philosophy (5). Pr., HY 101 and 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 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 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 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 BC 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. **India (5).**
A study of Indian civilization from its origin in the Indus Valley to the modern Indian state.
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, Maya and Peru 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 nineteenth century.
382. **Modern Latin America (5).**
A survey of the nations of Latin America from the early independence in the early nineteenth 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 nineteenth and twentieth-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.
394. **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."
395. **Special Topics in History (5).**
Topics vary.
401. **The American South to 1865 (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 1865. (Concurrent with HY 601.)
402. **The American South Since 1865 (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.
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 Social and Intellectual History (5). Pr., Junior standing.**
A study of major changes in American society and American thought from colonial times to the present. (Concurrent with HY 608.)
409. **American Urban History to 1914 (5). Pr., Junior standing.**
A study of the political, social and demographic developments of American cities from colonial times to the First World War with emphasis on

ecological change, immigrant settlement, political bosses and reformers and cities of the South. (Concurrent with HY 609.)

410. **American Urban History Since 1914 (5). Pr., Junior standing.**
A study of the political, social and demographic development of American cities from the outbreak of World War I to the present with emphasis on racial relations, suburbanization, the role of the federal government in urban affairs and the rise of the Sunbelt cities. (Concurrent with HY 610.)
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 sixteenth and seventeenth centuries, with emphasis on the social, political, economic, constitutional, religious and intellectual changes of lasting effect. (Concurrent with HY 636.)
438. **Modern Britain (5). Pr., Junior standing.**
An analysis of forces contributing to the development of contemporary British civilization. (Concurrent with HY 638.)
440. **France, 1787-1870 (5). Pr., Junior standing.**
Covering the period from the beginning of the Revolution until the fall of Napoleon III, the course treats the era as a playing-out of many of the forces arising from the Revolution. (Concurrent with HY 640.)
441. **Modern France, 1870-Present (5). Pr., Junior standing.**
This course examines the uncertain course of republican government in France and some of the causes and consequences of this instability. (Concurrent with HY 641.)
442. **The French Revolution and Napoleon (5). Pr., Junior standing.**
A study of revolutionary ideas and events in France and Europe from 1789 to 1815 with emphasis on the forces and factors causing revolution and reaction. (Concurrent with HY 642.)

- 446. Modern Germany (5). Pr., Junior standing.**
A survey of German history from its unification under Prussia to the present. From von Bismark to Wilhelm to Hitler and beyond, the course emphasizes Germany's international relations and the two World Wars.
- 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 Hapsburg Empire (5). Pr., Junior standing.**
This course examines the history of East Central Europe during the last phase of Hapsburg history. The difficulties inherent in running a multi-national/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 Muscovy to the Russian Revolution of 1917. The course traces Russian expansion under Peter the Great and Catherine the Great, Russian involvement with Europe in the Nineteenth Century and the collapse of czarist rule in the First World War.
- 457. The Soviet Union (5). Pr., Junior standing.**
A survey of Soviet history since 1917 emphasizing the growth and development of the Communist Party. Also highlighted are Soviet governmental and economic structures, foreign policy and cultural scene. (Concurrent with HY 657.)
- 459. Poland (5). Pr., Junior standing.**
An analysis of the origins, rise, fall and reincarnations of the Polish state from its conversion under Mieszko in the 10th Century to its revolt under Walesa in the 1980s. (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.)
- 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 GV 486 and SY 486.)
- 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.)

MUSIC (MU)

140. **Jazz Ensemble (2). Pr., Permission of instructor.**
An instrumental performance group. Training and experience in jazz styles and improvisation. May be repeated for credit.
150. **Large Instrumental Ensemble (2).**
Participation in concert band and orchestra. Experience in large ensemble for students at all levels of proficiency in brass, woodwinds, percussion (band) and strings (orchestra). May be repeated for credit.
160. **Introduction to Music Theory (5).**
Introduction to the basic elements of music; music reading, principles of rhythm, harmonic procedures, 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 (5).**
A performance group. Training and experience in choral music employing a wide variety of musical styles. May be repeated for credit.
220. **Music Theory 1 (5). Pr., MU 160 or Permission of instructor.**
The study of theory in Western music. Development of fundamental skills in the analysis and writing of harmony and melody.
221. **Music Theory 2 (5). Pr., MU 220.**
Continuation of MU 220.
235. **Fundamentals of Music (5).**
The development of interpretive and aural skills through the study of notation, rhythm, vocal and piano score-reading, and sight-singing. Open to all students with an interest in music.
240. **Rock and Jazz Theory (5).**
A survey of Rock and Jazz from its beginning to the present with special focus on the harmonic, rhythmic, melodic, and improvisational aspects of these art forms.

- 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 classic and romantic periods.
- 252. History of Music 3 (5).**
Music of 19th century impressionism to today.
- 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 fee in addition to full- or part-time regular tuition will be charged as follows: \$70.00 per quarter for an hour lesson per week (1 credit) \$100.00 per quarter for an hour lesson per week (2 credits).
- 320. Form and Analysis 1 (5). Pr., MU 221.**
Structural and harmonic analysis of musical form from simple and compound binary and ternary forms to five-part rondo form.
- 321. Form and Analysis 2 (5). Pr., MU 320.**
Continuation of MU 320. Structural and harmonic analysis of rondo and sonata-allegro form and the complete sonata (symphony, concerto, string quartet, etc.).
- 322. Form and Analysis 3 (5). Pr., MU 321.**
Continuation of MU 321. Structural and harmonic analysis of contrapuntal forms of canon, invention, chorale prelude and fugue.
- 340. Conducting (5). Pr., MU 160 or permission of instructor.**
Introduction to the rudiments of conducting and the development of skills which obtain the best results from an ensemble.
- 351. The Music of Today (5). Pr., MU 201.**
Insight into today's music of historical significance: contemporary art music, jazz, film, pop, etc.
- 420. Orchestration and Arranging (5). Pr., MU 221.**
Detailed acquaintance with musical instruments and their peculiarities. Discussions of techniques for producing desired effects.
- 498. Independent Study in Music (1-5). Pr., Departmental approval.**
Special project or research in the area of music.

PHILOSOPHY (PH)

- 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 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 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 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 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 the propositional calculus, first-order predicate calculus, the logic of relations, attributes of relations, logic with identity and the definite description.

SOCIAL WORK (SW)

- 220. Introduction to Social Welfare (5).**
A broad introductory 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 work majors, educators, lawyers, physicians, and other human service professions interested in the fulfillment of human needs.
- 221. Social Welfare: Policies and Services (5). Pr., SW 220.**
The philosophical and historical perspectives of social welfare services and social work practice. A critical and analytical understanding of social welfare programs, policies, and issues. Designed for social work majors and others interested in human services.
- 315. 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 re-

structuring the family as well as the adjustments encountered by those who choose to remain single.

330. 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.

350. Social Work Methods I (5). Pr., SW 221 or Permission of instructor.

A course introducing basic skills used by social workers in dealing with individuals and families. Such skills as professional communication, interviewing techniques, purposeful utilization of community resources, problem identification and the use of the problem solving model will be emphasized.

351. Social Work Methods II (5). Pr., SW 350.

A course introducing principles and methods used in working with groups, organizations, and communities.

416. The Aging Process: Interventive Services (5). Pr., Junior or Senior standing.

Focus is on the nature and problems of old age; needs of the elderly; theoretical explanations of the aging process; the delivery of social services to the elderly.

420. Child Welfare (5). Pr., SW 351 or Permission of instructor.

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.

450. Field Placement I (10). Pr., SW 351 and 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 (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 Winter Quarter.

451. Field Placement II (10). Pr., SW 450 and Permission of instructor.

A continuation of SW 450 requiring 16 hours per week for 10 weeks in a community service agency and a three-hour weekly seminar. Evaluation is on a Satisfactory-Unsatisfactory basis. Only offered during the Spring Quarter.

498. Independent Study (1-5). Pr., Senior standing and Permission of instructor.

Independent reading and/or research in selected areas of social work.

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 so-

ciology, 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.)

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.

310. 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.

318. 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.

320. Juvenile Delinquency (5). Pr., SY 201.

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.

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.

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 sickness; organization of health and medical institutions; new health professionals; emphasis on history of and change in health care delivery in the United States including medical malpractice and death-related legislation.
- 380. Death and Dying (5). Pr., Junior or Senior standing.**
A comprehensive study of death and dying encompassing the varied conceptions of death, the dying process, dying as a socio-cultural process, and the death industry.
- 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.
- 402. Social Theory (5). Pr., SY 201 and Junior or Senior standing.**
The development of sociological theory from the Nineteenth 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.)
- 411. Regional Sociology (5). Pr., SY 201 and Junior or Senior standing.**
A study of the southern region of the United States, including an analysis of social organization, subcultures, intergroup relations, social problems, social stratification systems, ecological configurations, and population characteristics and trends.
- 423. Sociology of Deviant Behavior (5). Pr., SY 201 and Junior or Senior standing.**
An analysis of various types of norm violations such as drug abuse, suicide, and mental illness. (This course may be taught concurrently with SY 623.)
- 430. Minority Groups (5). Pr., 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.)

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).

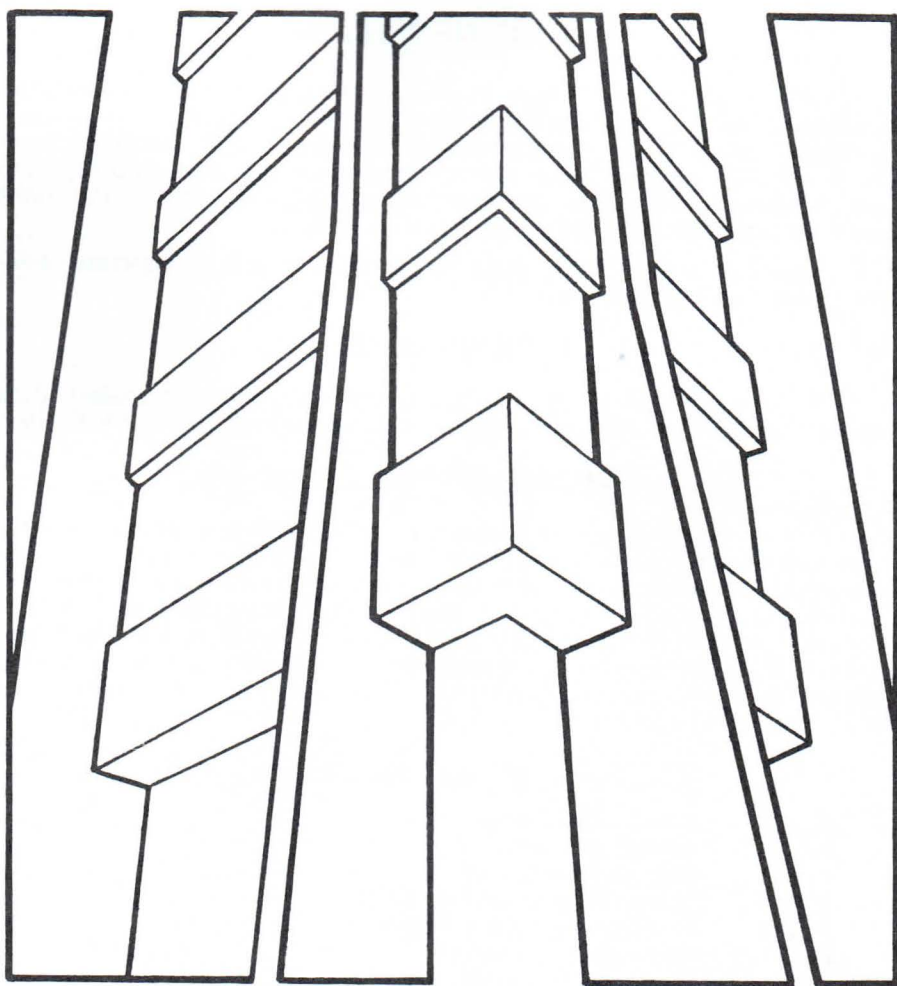
A study of periods, genres, and production techniques with emphasis on developing a critical awareness and appreciation of Theatre, Cinema, and Television.

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 fulfillment.
- 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 ten hours.
- 300. Oral Interpretation (5). Pr., COM 202 or EH 102.**
Basic techniques and application of oral interpretation in reading prose, poetry, and drama.
- 304. Introduction to Film (5).**
Attention will be given to the order in which a film is made and the role of the script writer, cameraman, film editor, actor, and director. The work of major directors will be examined; selected films will be screened. Also cross-listed as EH 304.
- 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 for, and act as running crew during 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 as to the field of theatre with emphasis on personnel management, community service, financing, and organizing and touring with a theatre company.
- 431. The Dramatic Literature and Theatre History of Western World I (5). Pr., Junior standing.**
This course traces theatre history from the rituals of ancient civilizations to the middle of the 19th Century. It also covers Dramatic Literature from the Greeks through the 19th Century French well-made play. This course may be taught concurrently with TH 631.
- 432. The Dramatic Literature and Theatre History of Western World II (5). Pr., Junior standing.**
This course traces theatre history and dramatic literature from Ibsen to today. It will deal extensively with the theatre of our day. This course may be taught concurrently with TH 632.
- 441. Phonetics (5). Pr., Junior standing or permission of instructor.**
Basic study of the sound system of the English language. Includes principles of sound production, phonetic transcriptions, and the acoustical basis of phonetics. (Same as COM 441.)
- 475. American Theatre and Drama (5). Pr., Junior standing.**
This 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.



THE 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.). The program is approved by the Alabama Board of Nursing and accredited by the National League for Nursing. 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 of pre-nursing courses in the humanities and the bio-physical and behavioral sciences. Upon satisfactory completion of the lower division courses, the student is eligible to apply for admission to the upper division of nursing. The upper division consists of 100 quarter hours of nursing and related 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

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
PHS 130	Introduction to Chemistry	5
CH 210	Survey of Organic 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
PG 211	General Introductory Psychology	5
PG 317	Developmental Psychology	5
MN 280	Essentials of Management	5
SY 201	Introduction to Sociology	5
	Sociology Elective	5
	Humanities Elective	5
	General Elective	5
TOTAL:		100 quarter hours

Students are encouraged to complete BI 316 Pharmacology prior to entering the Upper Division.

ADMISSION TO THE SCHOOL OF NURSING

Upon successful completion of the lower division prerequisite courses, students may apply for admission to the upper division of the School of Nursing. Application for fall quarter admission is made during the preceding academic year. Applications for admission to the following Fall Quarter must be submitted to the School of Nursing by **March 1**.

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. 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 program objectives. Since classes are taught one day per week and clinical learning experiences are conducted independently, students can maintain employment if they desire. The program 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 March 1 of each year.

PROGRESSION THROUGH PROGRAM

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 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.

Upper Division Curriculum

Junior Year

First Quarter	Second Quarter
BI 316 Clinical Pharmacology 5	NUR 301 Perspectives of Professional Nursing Practice II 2
NUR 300 Perspectives of Professional Nursing Practice I 2	AND
NUR 305 Nursing and the Interactive Process 5	NUR 315 Nursing of Children I 5
NUR 310 Nursing and the Problem-Solving Process 5	NUR 316 Nursing of Adults I 5
17	OR
	NUR 314 Maternal-Infant Nursing 8
	NUR 317 Psychosocial Nursing I 5
	General Elective 5
	17-20

Third Quarter

NUR 320 Introduction to Health Care Information Systems..... 3
NUR 302 Perspectives of Professional Nursing Practice III 2
AND
NUR 314 Maternal-Infant Nursing 8
NUR 317 Psychosocial Nursing I 5
OR
NUR 315 Nursing of Children I 5
NUR 316 Nursing of Adults I 5
15-18

Senior Year

First Quarter	Second Quarter
NUR 400 Perspectives of Professional Nursing Practice IV 2	NUR 401 Perspectives of Professional Nursing Practice V 2
AND	AND
NUR 417 Psychosocial Nursing II 7	NUR 415 Nursing of Children II 7
NUR 416 Nursing of Adults II 7	NUR 418 Community Health Nursing 8
OR	OR
NUR 415 Nursing of Children II 7	NUR 417 Psychosocial Nursing II 7
NUR 418 Community Health Nursing 8	NUR 416 Nursing of Adults II 7
16-17	16-17

Third Quarter

NUR 422 The Management Process and Transition into Professional Nursing Practice	12
NUR 450 Topics in Nursing	3
	<hr/> 15

DESCRIPTION OF COURSES

NURSING (NUR)

- 300. Perspectives of Professional Nursing Practice I (2). Pr., Admission to Upper Division School of Nursing. Coreq., NUR 305, NUR 310.**
Study of nursing concepts, theories, and skills intended to assist the student to develop a framework for nursing practice by integrating content that transcends the boundaries of clinical specialties. Offered Fall Quarter.
- 301. Perspectives of Professional Nursing Practice II (2). Pr., NUR 300. Coreq., NUR 314, 315, 316, or 317.**
Continuation of study of nursing concepts, theories, and skills intended to assist the student to develop a framework for nursing practice by integrating content that transcends the boundaries of clinical specialties. Offered Winter Quarter.
- 302. Perspectives of Professional Nursing Practice III (2). Pr., NUR 301. Coreq., NUR 314, 315, 316, or 317.**
Continuation of study of nursing concepts, theories, and skills intended to assist the student in developing a framework for nursing practice by integrating content that transcends the boundaries of clinical specialties. Offered Spring Quarter.
- 304. Perspectives of Professional Nursing Practice (6). Pr., Enrollment in the Prescriptive Plan for RN Mobility. Coreq., NUR 305, NUR 310.**
Study of nursing concepts, theories and skills intended to assist the student to develop a framework for nursing practice by integrating content that transcends the boundaries of clinical specialties. Offered Summer Quarter.
- 305. Nursing and The Interactive Process (5). Lec. 4, Lab. 3, Pr., Admission to Upper Division School of Nursing. Coreq., NUR 300.**
Emphasis on principles and dynamics of interactive process as a foundation for nursing practice. Examination of interpersonal, group, management, change and teaching-learning processes with application to nursing practice in laboratory and clinical experiences.
- 310. Nursing and The Problem-Solving Process (5). Lec. 4, Lab. 3, Pr., Admission to the Upper Division School of Nursing. Coreq., NUR 300.**
Study of the nursing process as the basic intellectual problem-solving process in nursing. The four steps of the process—assessment, planning, implementation, and evaluation—will be examined. Utilization of

cognitive abilities and psychomotor skills in each step of this process will be stressed. Laboratory and clinical experiences will be provided for utilizing the problem-solving process.

314. Maternal-Infant Nursing (8). Lec. 4, Lab. 12, Pr., BI 316, NUR 300, 305, 310.

Focus on utilization of the problem-solving and interactive processes with the maternity client, her newborn infant, and her family at all points on the health-illness continuum. Opportunities will be provided for experiences in antepartal, intrapartal, postpartal, and neonatal clinical settings.

315. Nursing of Children I (5). Lec. 3, Lab. 6, Pr., BI 316, NUR 300, 305, 310.

Focus on application of interactive and problem-solving processes with children who are at an interval midway on the health-illness continuum and moving toward health as well as those children who are healthy. Clinical experiences will be provided in hospital and ambulatory care settings.

316. Nursing of Adults I (5). Lec. 3, Lab. 6, Pr., BI 316, NUR 300, 305, 310.

Application of the interactive and problem-solving processes in assisting adult clients to move from an interval midway on the health-illness continuum toward health. Emphasis is also on assisting healthy adult clients to maintain an optimal level of health. Clinical experiences will be provided with well adults and adults in acute care settings experiencing a minimal degree of illness.

317. Psychosocial Nursing I (5). Lec. 3, Lab. 6, Pr., BI 316, NUR 300, 305, 310.

Application of the interactive and problem-solving processes in assisting clients to maintain mental health and in assisting those who are dependent, manipulative, and/or anxious to regain mental health. Psychosocial nursing care of individuals and groups will be considered. The theoretical and research bases of psychosocial nursing practice will be emphasized in the classroom and reinforced through clinical practice.

320. Introduction to Health Care Information Systems (3).

Explores health care information systems such as administrative data processing, clinical data processing and medical information systems. Includes operation of microcomputers and fundamentals of programming. Students not admitted to the Upper Division nursing major may enroll in this course with permission of instructor.

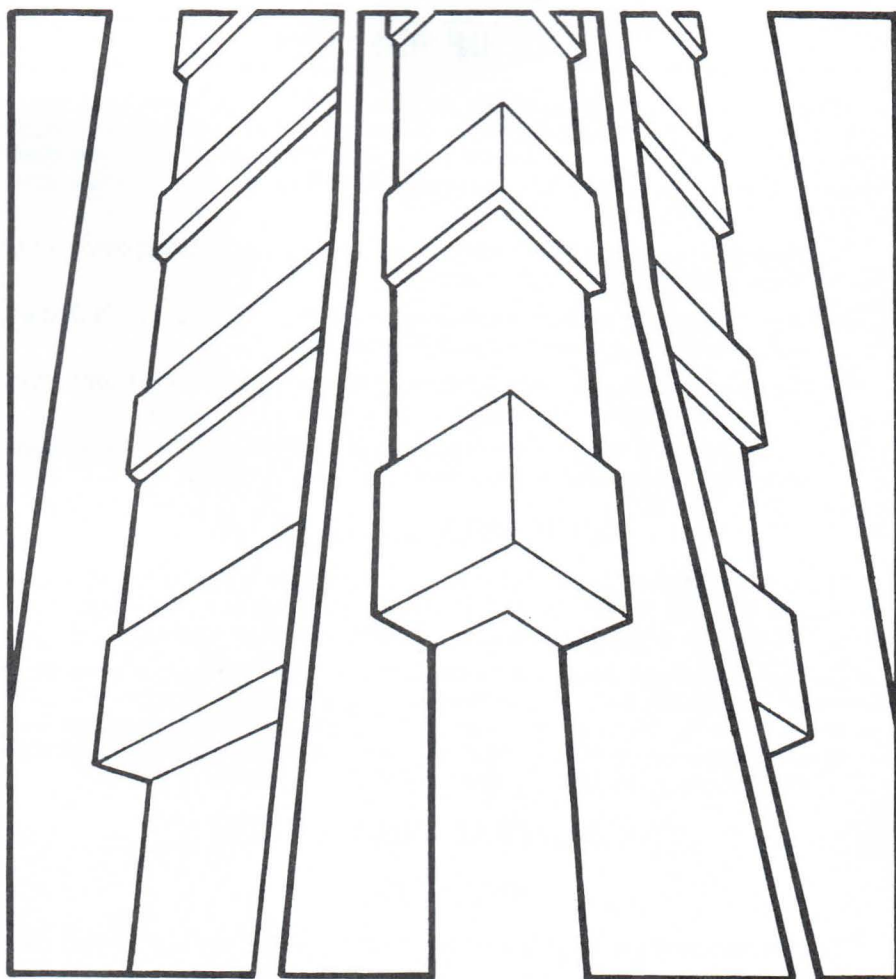
400. Perspectives of Professional Nursing Practice IV (2). Pr., NUR 302. Coreq., NUR 415, 416, 417, or 418.

Continuation of study of nursing concepts, theories and skills intended to assist the student to develop a framework for nursing practice by integrating content that transcends the boundaries of clinical specialties. Offered Fall Quarter.

401. Perspectives of Professional Nursing Practice V (2). Pr., NUR 400. Coreq., NUR 415, 416, 417, or 418.

Continuation of study of nursing concepts, theories, and skills intended to assist the student in developing a framework for nursing practice by integrating content that transcends the boundaries of clinical specialties. Offered Winter Quarter.

- 404. Perspectives of Professional Nursing Practice II (4). Pr., Enrollment in RN Mobility Program, NUR 304.**
Continuation of study of nursing concepts, theories and skills intended to assist the student in developing a framework for nursing practice by integrating content that transcends the boundaries of clinical specialties.
- 415. Nursing of Children II (7). Lec. 3, Lab. 12, Pr., Senior standing in the School of Nursing.**
Application of the interactive and problem-solving processes in assisting children on the illness end of the health-illness continuum to regain an optimal level of health. Clinical experiences in acute care settings will be provided.
- 416. Nursing of Adults II (7). Lec. 3, Lab. 12, Pr., Senior standing in the School of Nursing.**
Application of the interactive and problem-solving processes in assisting adult clients on the illness end of the health-illness continuum to regain an optimal level of health. Clinical experiences will be provided in acute care settings with adult clients experiencing varying degrees of illness.
- 417. Psychosocial Nursing II (7). Lec. 3, Lab. 12, Pr., Senior standing in the School of Nursing.**
Application of the interactive and problem-solving processes in assisting clients who are psychotically withdrawn or depressed to regain mental health. Psychosocial care of individuals, groups, and families will be considered. Factors affecting the mental health of and mental illness in communities will be examined. Learning experiences will include lecture-discussions and clinical nursing care of those with mental illness.
- 418. Community Health Nursing (8). Lec. 4, Lab. 12, Pr., Senior standing in the School of Nursing.**
Emphasis on the interactive process of nursing and the problem-solving process in the care of families and communities at all points on the health-illness continuum. Clinical experiences will be provided with families and communities.
- 422. The Management Process and Transition into Professional Nursing Practice (12). Lec. 6, Lab. 18, Pr., NUR 401, 415, 416, 417, 418.**
Culmination of the socialization process whereby students are assisted to achieve a higher level of the internalization of the role values and expectations of the professional nurse. Concentrated study of nursing care delivered by others will be emphasized. Opportunities for realistic enactment of the roles of the professional nurse in a work setting will be provided.
- 450. Topics in Nursing (3). Pr., Permission of Instructor.**
In-depth examination of a selected topic or area in nursing. Topics will be selected and course offerings listed prior to the beginning of each quarter.



THE SCHOOL OF SCIENCES
DR. JOSEPH B. HILL, DEAN

Biology
Chemistry
Engineering
Gerontology
Justice and Public Safety
Mathematics

Medical Technology
Physical Science
Physics
Political Science and Public Administration
Psychology
Urban Studies

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), political science and public administration, justice and public safety, mathematics, physical science, psychology, and urban studies.

Courses are available which 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 which will lead to a degree.

THE GENERAL CURRICULUM

(SCIENCES)

The general curriculum is designed for the student who has not decided on a major or pre-professional program.

General Curriculum Sciences (GCS)

First Quarter		Second Quarter	
EH 101 English Composition	5	EH 102 English Composition	5
MH 150 College Algebra or		HY 102 World History	5
MH 160 Pre-Calc. and		*Science Elective	<u>5</u>
Trig.	5		15
HY 101 World History	<u>5</u>		
	15		

Third Quarter

GV 101 Constitutional Foundations of American Democracy	5
PG 211 General Introductory Psychology	5
MH 267 Elementary Statistics	5
* Science Elective	<u>5</u>
	20

* 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 pre-requisites 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 101-3; three appropriate Mathematics courses; and EH 101-2 followed by BI 101.
- Second Year: Three appropriate Biology courses, CH 301-3, and PS 210, 211, and 301.

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 years. Specific advice can be obtained from the pre-professional advisor.

It is not possible to obtain a degree in Pre-Medical, Pre-Dental, or Pre-Optometric studies. Consequently, students should plan to graduate from Auburn University at Montgomery with an academic major which 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 162), Mathematics (PMM - page 178), and Physical Science or Chemistry (PMP - page 179). 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 on a 4.0 scale 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 work loads 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, or optometry, 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 AUA**Quarter Hours**

General Chemistry (101, 102, 103)	15
Organic Chemistry (301, 302)	10
Mathematics (160, 161)	10
Biology (101, 210, 211)	15
English (101, 102)	10
History (101, 102)	10
Physics (210, 211, 301)	15
Economics (202)	5
Sociology (201)	5
Data Processing (IS 207)	5
Psychology (any)	5
Philosophy (any)	5
Psychology or Philosophy	5
Humanities Elective	5
	120

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**Quarter Hours**

General Chemistry (101, 102, 103)	15
Organic Chemistry (301, 302)	10
Physics (210, 211, 301)	15
Biology (101, 102, 103)	15
Microbiology (BI 201)	5
Genetics (BI 430)	5
Biomedical Vocabulary (EH 141)	3
Advanced Expository Writing (EH 305)	5
Mathematics (160, 161)*	10
English Composition (EH 101, 102)	10
World History (HY 101, 102)	10
American Government (GV 102)	5

* 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 which 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, political science, 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	Quarter Hours
English Composition (EH 101, 102)	10
English or American Literature (EH 253, 254, 257, 258)	10
American History (HY 201, 202)	10
Political Science (including U.S. Government-GV 101)	10
Principles of Economics (EC 201, 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 insure 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 (AUA); however, it usually will serve as a good basis for further work in engineering studies at schools other than AUA. Students who plan to continue their engineering studies at schools other than AUA 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 AUA 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 AUA 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

MH 161 Anal. Geom. & Calc. I.....	5
CH 101 General Chemistry I.....	5
EH 101 English Composition	5
EN 102 Graph. Comm. & Design.....	2

17

Second Quarter

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

20

Third Quarter

MH 163 Anal. Geom. & Calc. III.....	5
PS 211 General Physics II	5
EN 205 App. Mechanics:	

Statics (2)..... 5

MH 240 Scientific Programming, (2), (4).....	5
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20

Engineering Sophomore Year

First Quarter

MH 264 Multivariable Calculus	5
PS 301 General Physics III	5
EN 321 App. Mech: Dynam. I (2).....	5
HY 101 World History	5

20

Second Quarter

MH 269 Ordinary Diff. Eqns.....	5
EN 207 Mech. of Solids (2).....	5
HY 102 World History	5
EN 411 Engineering Stat. (3).....	5

20

Third Quarter

EN 301 Thermodynamics I (2).....	5
EN 261 Lin. Circuit Anal. I (2).....	5
EH 303 Technical Writing (2).....	5
Elective*	5

20

- (1) AN curriculum at AUA will not accept this course; take COM 202 instead.
- (2) CHE curriculum at AUA will not accept this course.
- (3) AN, MTL, CHE curricula at AUA will not accept this course; AE, ME, TE technical elective.
- (4) ME, MTL curricula at AUA will not accept this course.

* Courses required in specific curricula at Auburn University at Auburn (AUA):

BI 101, 102, 103 - AN
 CH 103 - CHE
 COM 202 - TE, AN
 EC 201 - CE, IE, TE, CPE
 MH 266 - EE, CS, CPE, IE; ME and CHE technical elective
 MH 362 - ME, MTL; AM, CHE, CE, and CPE technical elective
 MH 460, 461 - CS, CPE required or elective
 PG 211 - IE, TE
 SY 201 - CS

* Courses accepted as Humanistic-Social electives at AUA:

The electives must be selected with care since all students eventually must complete **at least one humanities and one social science course**. The selection should include some advanced-level courses rather than unrelated, beginning courses. Stu-

dents should complete no more than 15 hours of these electives before transferring to AUA. The approved electives are as follows:

Humanities

Art (AT): 261, 351, 352, 353

English (EH): Any Literature course

Foreign Language (FL): All courses

History (HY): All 200- and 300-level courses except 397

Music (MU): 201, 241, 250, 251, 252, 351

Philosophy (PH): All courses

Theatre (TH): 204, 300

Social Sciences

Anthropology (ANT): All courses

Economics (EC): 201, 202, 350, 360

Geography (GY): 211, 221, 360, 361, 365

Government (GV): 101, 102, 320, 321, 322

Psychology (PG): 211, 314, 317, 325

Sociology (SY): 201, 202, 203

Communication (COM): 312, 313

For further information concerning engineering curricula at AUA, contact:

Engineering Student Services
College of Engineering
Auburn University, AL 36849
Telephone (205) 826-4310.

BIOLOGY MAJOR (BI)

Students interested in biology as a major have five 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 Laboratory Technology Option is for those students pursuing a baccalaureate degree in preparation for laboratory positions in a variety of fields.

The biology department also offers two study plans which 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)

The fifth option, Medical Technology, 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, 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 job market.

Three years of academic preparation and one year (12 consecutive months) of technical preparation in the professional year are required in order to meet the accreditation and program requirements. 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.

The entrance into a clinical facility is strictly 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 which will benefit the student in the Medical Technology profession. Courses taken by a student in the Medical Technology option must be approved by the director of the academic program. Student eligibility for the program, if necessary, is determined by a Medical Technology Review Committee.

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.

Biological Science Option in Biology (BBS)**Freshman Year****First Quarter**

CH 101 General Chemistry	5
MH 160 Pre. Calc. & Trig.	5
BI 101 Prin. of Biology	<u>5</u>
	15

Second Quarter

CH 102 General Chemistry	5
MH 161 Anal. Geom. & Calc	5
BI 103 Animal Biology	<u>5</u>
	15

Third Quarter

CH 103 General Chemistry	5
EH 101 English Comp	5
BI 102 Plant Biology	<u>5</u>
	15

Sophomore Year**First Quarter**

EH 102 English Comp	5
PS 210 Gen. Physics I	5
Elective	<u>5</u>
	15

Second Quarter

EH 253 or 257 or 260 Lit	5
PS 211 Gen. Physics II	5
Elective	5
HY 101 World History	<u>5</u>
	20

Third Quarter

EH 254 or 258 or 261 Lit	5
BI 201 Gen. Microbiology	5
SY 201 Intro. to Sociology	5
HY 102 World History	<u>5</u>
	20

Junior Year**First Quarter**

CH 301 Organic Chem. I	5
PG 101 Personal and Social Adjustment	5
BI 420 Ecology	5
FL I Foreign Language ¹ or	
BI 141 Biomed. Vocab	<u>5</u>
	20

Second Quarter

CH 302 Organic Chem. II	5
PG 211 General Introductory Psychology	5
BI 430 Genetics	5
FL II Foreign Language or	
EH 305 Adv. Expos. Writ	<u>5</u>
	20

Third Quarter

Communication Elective	5
BI 410 Developmental Biology	5
FL III Foreign Language or	
MH 267 Elem. Stat.	<u>5</u>
	15

Senior Year²

First Quarter		Second Quarter	
Biology Elective.....	5	BI 495 Perspectives in BI.....	5
GV 101 or 102.....	5	BI 499 Seminar in Biology.....	1
Elective.....	5	Electives.....	10
	15		16

Third Quarter	
BI 415 Vertebrate Physiology, or.....	5
BI 435 Cell Biology.....	5
Electives.....	10
	15

Biology electives may be selected from courses in biology and medical technology (200 level or above) as well as from the following: ANT 210, SY 401 and SP 340. The electives should be selected in consultation with the student's advisor.

Total—200 quarter hours

- ¹ Students considering graduate school are urged to take a foreign language, usually French or German.
- ² Students considering graduate school or professional schools are urged to take PS 301, General Physics III. Note that this course has a prerequisite of MH 163.

Environmental Option in Biology (BES)

- A. 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		Second Quarter	
BI 101 Prin. of Biology.....	5	BI 103 Animal Biology.....	5
EH 101 English Composition.....	5	EH 102 English Composition.....	5
HY 101 World History.....	5	MH 150 College Algebra or	
	15	MH 160 Pre. Calc. & Trig.....	5
			15

Third Quarter	
BI 102 Plant Biology.....	5
PS 100 Physical Sciences.....	5
HY 102 World History.....	5
	15

Sophomore Year

First Quarter		Second Quarter	
CH 101 General Chemistry.....	5	CH 210 Surv. Organ. Chem.....	5
BI 420 Ecology.....	5	SY 201 Intro to Sociology.....	5
GV 101 Const. Found. of American Democracy.....	5	GV 102 Amer. State & National Government.....	5
	15		15

Third Quarter

BI 320 Field Biology	5
MH 267 Statistics	5
BI 141, EH 303, 253 or 254.....	5
COM Communication Elective	5
	<u>20</u>

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 402, BI 430, 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, GV 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, MH 266.

Total—200 quarter hours

- B. Students wishing to perform laboratory jobs or to enter professional training programs in the Environmental Sciences after graduation should complete the following sequence of courses.

Freshman Year**First Quarter**

CH 101 General Chemistry	5
MH 150 College Algebra or	
MH 160 Pre. Calc. & Trig.	5
HY 101 World History	<u>5</u>
	15

Second Quarter

CH 102 General Chemistry	5
BI 101 Prin. of Biology	5
HY 102 World History	<u>5</u>
	15

Third Quarter

CH 103 General Chemistry	5
BI 102 Plant Biology.....	5
EH 101 English Composition	<u>5</u>
	15

Sophomore Year**First Quarter**

CH 301 Organic Chemistry I.....	5
MH 267 Elementary Statistics.....	5
EH 102 English Composition	<u>5</u>
	15

Second Quarter

CH 302 Organic Chemistry II	5
BI 103 Animal Biology.....	5
BI 450 Freshwater Biology	<u>5</u>
	15

Third Quarter

CH 201, 303, or 420	5
BI 320 Field Biology	5
BI 420 Ecology	5
BI 141 or EH 303	5
	<u>20</u>

Junior and Senior Years

The major requires a minimum of 35 additional hours in biology. BI 421 and 490 are required. Ten hours must be selected from BI 422, BI 450, and BI 406. At least 20 additional hours must be selected from BI 201, BI 402, BI 430, BI 450, BI 406, BI 410, BI 415, BI 422, and BI 445. It is suggested that the additional elective courses needed to meet the minimum of 200 quarter hours credit for graduation be selected from the following: PG 211, PG 419, SY 201, SY 202, SY 401, IS 207, IS 330, GY 201, GY 221, GV 417, MH 161, MH 162, MH 163, MH 240, MH 264, MH 266, MH 269, MH 367, MH 368, MH 440, PHS 110, PHS 120.

Microbiology Option in Biology (BMB)**Freshman Year****First Quarter**

CH 101 General Chemistry	5
MH 150 College Algebra or	
MH 160 Pre. Calc. & Trig.	5
HY 101 World History	5
	<u>15</u>

Second Quarter

CH 102 General Chemistry	5
BI 101 Principles of Biology	5
MH 267 Elem. Statistics	5
	<u>15</u>

Third Quarter

CH 103 General Chemistry	5
BI 102 Plant Biology	5
EH 101 English Composition	5
	<u>15</u>

Sophomore Year**First Quarter**

BI 201 Gen. Microbiology	5
EH 102 English Composition	5
CH 301 Organic Chemistry	5
	<u>15</u>

Second Quarter

MH 161 Anal. Geo. & Calc.	5
BI 103 Animal Biology	5
CH 302 Organic Chemistry	5
	<u>15</u>

Third Quarter

BI 210 Human Anat. & Physiol.	5
EH 305 Adv. Expos. Writing	5
HY 102 World History	5
Elective	5
	<u>20</u>

Junior Year**First Quarter**

BI 401 Medical Microbiology.....	5
BI 430 General Genetics.....	5
PS 210 General Physics I.....	5
Elective.....	5
	<u>20</u>

Second Quarter

BI 402 Parasitology.....	5
BI 403 Gen. Virology.....	5
PS 211 Gen. Physics II.....	5
	<u>15</u>

Third Quarter

BI 404 Gen. Mycology.....	5
CH 420 Biochemistry.....	5
Communication Elective.....	5
Elective.....	5
	<u>20</u>

Senior Year

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

Total—200 quarter hours**Laboratory Technology Option in Biology (BLT)****Freshman Year****First Quarter**

CH 101 General Chemistry.....	5
MH 150 College Algebra or	
MH 160 Pre. Calc. & Trig.....	5
HY 101 World History.....	5
	<u>15</u>

Second Quarter

CH 102 General Chemistry.....	5
BI 101 Prin. of Biology.....	5
HY 102 World History.....	5
	<u>15</u>

Third Quarter

CH 103 General History.....	5
BI 102 Plant Biology.....	5
EH 101 English Comp.....	5
	<u>15</u>

Sophomore Year**First Quarter**

CH 301 Organic Chem. I.....	5
BI 103 Animal Biology.....	5
EH 102 English Comp.....	5
	<u>15</u>

Second Quarter

CH 302 Organic Chem. II.....	5
BI 201 Gen. Microbiology.....	5
BI 210 Human Anat. & Phys.....	5
	<u>15</u>

Third Quarter

CH 201 Analytical Chemistry.....	5
BI 211 Human Anat. & Phys.....	5
BI 141 Biomed. Vocabulary.....	5
MH 161 Anal. Geo. & Calc. I.....	5
	<u>20</u>

Junior Year**First Quarter**

PS 210 General Physics I	5
EH 305 Adv. Expos. Writing.....	5
MH 267 Elem. Statistics	5
Electives.....	5
	<u>20</u>

Second Quarter

PS 211 General Physics II	5
PG 211 Psychology I.....	5
Electives.....	10
	<u>20</u>

Third Quarter

CH 420 Biochemistry	5
COM Communication Elective	5
Electives.....	10
	<u>20</u>

Senior Year

All laboratory technology students will work out the senior year schedule in consultation with the advisors in biology or in the allied health areas.

Total—200 quarter hours minimum**Medical Technology Option in Biology (MTY)**

Biology	35 hours
Chemistry.....	35 hours
English.....	10 hours
Computer Analysis.....	5 hours
History	10 hours
Mathematics.....	10 hours
Approved Upper Science Courses*	10 hours
Clinical Internship**	80 hours

*Credit toward a degree will not be allowed for introductory or survey courses. Electives must be approved by the Program Director or Education Coordinator.

**To obtain credit for the internship, the entire year must be completed in 12 consecutive months. When the Bachelor's degree is awarded by AUM, regular tuition must be paid for both the on-campus and the off-campus phases of the clinical year.

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 Prin. of Biology
EH 101 English Composition

Third Quarter

CH 103 General Chemistry
BI 102 Plant Biology
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 insure 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 1300 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, and cafeteria, 13 three-bedroom family houses, and maintenance shops.

The academic schedule is: January Inter-term, May Inter-term, two Summer Sessions, September Pre-term, and a Fall term.

AUM is a member of the Consortium. Interested students should contact Dr. William Cooper, 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.*

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 R/V G.A. Rounsefell. Three quarter hours—undergraduate.

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. Prerequisites: 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.

* 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 Programs 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. One to nine quarter hours—advanced undergraduate and graduate credit.

Master's Thesis and Doctoral Dissertations

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. Cooper of the AUM Department of Biology.

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

* 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.

GOVERNMENT PROGRAMS

The Political Science and Public Administration Programs at Auburn University at Montgomery provide the student with the opportunity to pursue coursework 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.

In addition to the general undergraduate political science major, a Public Administration option is provided for students who wish to pursue specific courses designed to provide professional training for public service employment.

Government Major (GV)

All political science majors will pursue a plan of study which will include the following required courses:

1. A BROAD CORE OF LOWER DIVISION COURSES:

English 101, 102, and 305.....	15
History 101, 102, 201, and 202	20
Economics 201 and 202	10
Math 150 or 160; 267	10
Biological or Physical Sciences	10
(one must be a laboratory course)	
Social and Behavioral Sciences: JP 101 or JP 460; SY 201; plus 5 hours selected from these courses: COM 225, COM 272, GY 211, JP 460, PG 211, PH 201 PH 203, and SY 202	15
Humanities: 15 hours selected from these areas: COM 202; Fine Arts (Art, Music, and Theatre); Foreign Language; Literature; and Philosophy.....	15

Total Hours of Core Courses = 95

2. GOVERNMENT COURSES REQUIRED OF ALL MAJORS:

GV 101, 102, 301, 302, and 340	25
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3. ADDITIONAL UPPER DIVISION GOVERNMENT COURSES 35
(It is recommended that at least one course be taken in each of these areas:
(a) International Relations or Comparative Government, (b) United States
Political Institutions, (c) Political Behavior, (d) Political Theory, and (e) Public
Administration.)

Total Hours of Political Science 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 102 be completed in the student's freshman year, and that MH 150 and 267 be completed in the freshman or sophomore year.

Public Administration Option

Students wishing to pursue a career in training for public employment may select a course of study providing for an option in Public Administration within the political science major. Students interested in the Public Administration option must meet the general requirements listed above for all political science majors, including the requirement for a 25 hour minor in one specific field of study. In addition, they should complete their Public Administration option by following the course requirements and options listed below:

- A. These five courses are required:
 1. GV 101-Constitutional Foundations of American Democracy
 2. GV 102-Institutions of American State and National Government
 3. GV 301-Research and Methodology I
 4. GV 302-Research and Methodology II
 5. GV 340-Introduction to Public Administration
- B. The student should complete the Public Administration Option by taking seven of these courses:
 1. GV 330-Municipal Politics
 2. GV 341-Organization Theory
 3. GV 345-Public Budgeting
 4. GV 351-The Legislative Process
 5. GV 360-The Judicial Process
 6. GV 380-Introduction to Political Behavior
 7. GV 417-Environmental Problems
 8. GV 430-Metropolitan Problems
 9. GV 431-Public Administration in State and Local Government
 10. GV 454-The American Chief Executive
 11. GV 464-Recruiting, Selecting, and Evaluation Personnel
 12. GV 495-Internship in Public Affairs

TOTAL HOURS IN GOVERNMENT: 60 (including GV 101 and GV 102)

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 coursework 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 coursework (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 coursework 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 coursework requirement.

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

Required General Studies Courses*

Course	Hours
** EH 101, EH 102 English Composition	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
GV 101 Constitutional Foundations of American Democracy.....	5
GV 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

* Must maintain 2.0 GPA (on a 4.0 scale)

**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 (5) options to satisfy this requirement: Corrections-Juvenile Justice; Jurisprudence; Law Enforcement Planning and Management; 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 454 Juvenile Justice Law

JP 455 Correctional Management
JP 456 Human Relations, Casework, and Counseling in JP
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 Human Relations: Casework and Counseling
JP 464 Criminal Procedure
JP 490 Legal Scholarship

Law Enforcement Planning and Management 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 Criminal Justice Information Systems
JP 441 Trends in Police Administration
JP 451 Justice and Public Safety Planning
JP 456 Human Relations, Casework and Counseling in JP
JP 464 Criminal Procedure

Legal Assistant Option

Courses Required (Choose 10 courses)

JP 312 Investigative Methods
JP 362 Criminal Law*
JP 363 Evidence
JP 355 Parent & Child: Rights and Responsibilities
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 460 Legal Research Seminar*
JP 464 Criminal Procedure*
JP 465 Civil Litigation*
JP 466 Court and Judicial Administration
JP 467 Family Law
JP 468 Torts
JP 480 Paralegalism*
EH 305 Expository Writing

* Required Courses for Certificate Students

NOTE: (a) Additional courses may be offered. Elective credit will be given for: GV 360 Judicial Process; GV 460 Constitutional Law; MN 341 Business Law I; MN 342 Business Law II; and, MN 405 Labor Law and Legislation; (b) Students completing ten (10) Legal Assistant Option courses will be awarded the Legal Assistant Technician Certificate. Students completing an additional ten (10) legal assistant courses, for a total of twenty courses, will be awarded the Legal Assistant Administrator Certificate.

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.

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 post-retirement 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 ten (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 ten (10) courses in this option including Justice and Public Safety Core Courses.
- B. Law Enforcement Planning and Management Technician—any ten (10) courses in this option including Justice and Public Safety Core Courses.
- C. Legal Assistant Technician—any ten (10) courses in this option, including JP 362, JP 460, JP 464, JP 465, and JP 480.
- D. Legal Assistant Administrator Certificate—ten (10) Legal Assistant option courses in addition to the ten (10) required for the Legal Assistant Technician Certificate for a total of twenty (20) courses.
- E. Security Administration Technician—any ten (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 designated 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 101-102-303

HY 101-102

MH 161-162-163-240-264-266-269

Students pursuing the traditional mathematics major must complete these additional requirements:

MH 310 or MH 330

MH 321 and MH 331

MH 322 or MH 332 or MH 423

MH 267 or MH 467

5 hours of mathematics electives at the 300 level or above or PH 370

20 hours of science electives, including CH 101-102 or PS 210-211

10 hours of one social science

5 hours of social science electives

5 hours of humanities electives (art appreciation, art history, music appreciation, music history, or literature)
 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

With the exception of CH 101-102 and PS 210-211, courses counted elsewhere in this section may not be counted toward a minor. Chemistry or physics is recommended for one minor, but not required; however, all minors must be approved by the Department of Mathematics.

In addition to the core courses, students pursuing the option in mathematical sciences with an emphasis in engineering and physics must complete the following requirements:

MH 321-362-423-460-467-468
 PS 210-211-301
 CH 101-102 or approved science replacements
 EN 102-205-261-321
 EC 201-202
 5 hours of approved business electives
 10 hours of humanities 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:

MH 267-310-340-367-440-460
 IS 231-232-350-355
 PS 210-211-301
 5 hours of science electives
 10 hours in one social science
 5 hours of social science electives
 10 hours of humanities electives
 Electives to total 200 hours

PHYSICAL SCIENCE MAJOR (PHS)

The Physical Science Curriculum is designed for students who intend to continue studies in professional and graduate schools in the health sciences or in the applied physical sciences such as chemistry or who are interested in working in government or private laboratories. Previous graduates have enjoyed much success in such areas. Electives must include any additional prerequisite required for the specific program to be pursued after graduation from AUM. It is important that students enroll in MH 160 and CH 101 at the earliest possible opportunity. Students are encouraged to discuss career opportunities with faculty members before the end of the sophomore year.

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

- ¹ Students may not enroll in CH 210 after passing 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.

General and Organic Chemistry (including CH 103 and CH 303).....	30 hours
Chemistry Electives (laboratory courses)*	20 hours
Chemistry Directed Study	5 hours
Physics	15 hours
Mathematics (including MH 269, MH 267, and MH 240).....	30 hours
English	25 hours
History	10 hours
Biology (laboratory courses) or Pre-Engineering	15 hours
Liberal Arts Electives.....	10 hours
Behavioral Science Electives (GV, PG, or Business)	10 hours
Approved Electives*	30 hours
	200 hours

- * 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 shows a success rate of 59% for the Physical Science applicants as compared to an overall success rate of 52%.

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.

PSYCHOLOGY MAJOR (PG)

The objectives of the Department of Psychology undergraduate program are two-fold. The first is to provide thorough and rigorous academic instruction of a technical nature for students wishing to continue their study beyond the bachelor's degree. The second is to provide relevant classroom and practicum instruction of a prevocational nature for students wishing to enter employment upon completion of a degree program.

While options in psychology are available for the student wishing to specialize in the undergraduate level, the following general studies courses are required:

Required General Studies Courses

English Composition	10 hours	EH 101 and EH 102
World History	10 hours	HY 101 and HY 102
Biology	10 hours	BI 101 and Option 5 hrs.
Physical Sciences	10 hours	Any Physical Sciences
Mathematics	5 hours	College Algebra
Statistics	10 hours	MH 267 & MH 367 or PG 419/430
Political Science Option	5 hours	Any Political Science course
Philosophy	5 hours	Any Philosophy course
Justice & Public Safety	5 hours	JP 101, and Elective course
Sociology	5 hours	SY 201
General Introductory Psychology	5 hours	PG 211

Required Core Courses

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

Behavior Analysis, PG 312	5 hours
Learning, PG 350	5 hours
History & Systems, PG 420	5 hours
Seminar, PG 481	5 hours
Total	20 hours

The psychology major will consist of a minimum of 50 hours of psychology courses numbered 200 or above. Transfer students are required to take a minimum of 25 hours of AUM psychology courses. The student electing to major in psychology can select among four suggested options, each of which has recommended specialty courses which the student should take with the advisor's concurrence.

OPTION 1

The general Experimental option is recommended for students wishing to go on to graduate study. The student must take the core courses and the specialty courses PG 415, PG 419 or PG 430, PG 421, and elective psychology courses for a total of 50 hours.

OPTION 2

The Applied-Behavior Modification option is recommended for students wishing employment after their undergraduate education, or while they pursue graduate study. Students must take the core courses and the specialty courses as follows: either PG

415, PG 314 or PG 419 or PG 430; either PG 324 or PG 325; PG 412, and elective psychology courses for a total of 50 hours.

OPTION 3

The Pre-Clinical option is recommended for students wishing to pursue graduate training in clinical psychology. The student must take the core courses and the specialty courses PG 317, PG 418, PG 323, PG 415, and elective psychology courses for a total of 50 hours.

OPTION 4

The Industrial/Organizational option is recommended for students wishing to pursue this applied area. The student must take the core courses and the specialty courses PG 314, PG 325, PG 414, and PG 425 and elective psychology courses for a total of 50 hours.

Minors

The student majoring in psychology may elect a single minor to total 30 hours of credit; or two minors at 15 hours each, provided the minor requirement for the School of Sciences is met.

Summary of Requirements

Area	Hours
General Studies	85
Psychology Major	50
Core Courses	(20)
Required Courses for Option	(20)
Elective Psychology Courses	(10)
Minor	30
Electives	35
Total	200

URBAN STUDIES (US)

B. Moody (Political Science), Director

Students seeking an interdisciplinary approach to the development of cities may choose to earn a B.S. in Science in Urban Studies. Drawing from the disciplines listed below, students may design their own programs to understand better the processes, problems, and potentials of urban growth and change. To enter the program, a student must see the Director.

University Core Requirements	Hours
	35
EH 101 English Composition I	5
EH 102 English Composition II	5
HY 101 World History to 1648	5
HY 102 World History Since 1648	5
Two Natural Science Courses, one of which must be a laboratory course	10
MH 150 College Algebra	5
General Curriculum Requirements	50

EH 305 Advanced Expository Writing	5
HY 201 U.S. History to 1865.....	5
HY 202 U.S. History Since 1865	5
EC 201 Economics I.....	5
EC 202 Economics II.....	5
SY 201 Introduction to Sociology	5
PG 211 General Introductory Psychology	5
GV 101 Constitutional Foundations of American Democracy.....	5
GV 102 Institutions of American State and National Government.....	5
MH 267 Elementary Statistics.....	5

Major Requirements**60**

1. The Urban Studies course: Studies in Urbanization (GY 486, HY 486 or SY 486)
2. One methodology course
3. Ten additional courses from at least four of the remaining subject areas (Alternatives may be approved by the Urban Studies Director.)
4. At least 40 of the 60 hours must be in courses numbered 300 or above.

Subject Areas and Courses

1. Economics
 - EC 370 Urban Economics
 - EC 465 Public Finance
2. Geography
 - GY 221 Economic Geography
 - GY 420 Urban Geography
3. Government
 - GV 330 Municipal Politics
 - GV 340 Introduction to Public Administration
 - GV 345 Public Budgeting
 - GV 430 Problems in Metropolitan Politics
 - GV 431 Public Administration in State and Metropolitan Government
 - GV 484 Seminar in Urban Studies
 - GV 485 Thesis in Urban Studies
 - GV 495 Internship in Public Affairs
4. History
 - HY 409 American Urban History to 1914
 - HY 410 American Urban History Since 1914
 - HY 450 The Industrial Revolution
5. Justice and Public Safety
 - JP 304 Crime in Our Society
 - JP 353 Community Corrections
 - JP 354 The Juvenile Justice System
 - JP 441 Trends in Police Administration
6. Methodologies
 - GV 301 Research and Methodology I
 - GV 302 Research and Methodology II
 - HY 497 Historical Methods

SY 302 Research and Methodology I
SY 303 Research and Methodology II

7. Psychology

PG 314 Industrial Psychology

8. Sociology

SY 202 Social Problems
SY 320 Juvenile Delinquency
SY 321 Criminology
SY 401 Population Problems
SY 405 Urban Sociology
SY 408 Industrial Sociology
SY 430 Minority Groups

9. Social Work

SW 220 Introduction to Social Welfare
SW 221 Social Welfare: Policies and Services
SW 330 Human Behavior and Social Environment

10. Urban Studies

GV 486 Studies in Urbanization
HY 486 Studies in Urbanization
SY 486 Studies in Urbanization

Minor

25 Hours

The minor must be in one of the subject areas listed above unless the Director gives advance approval to an outside field.

Electives

30 Hours

Total

200 Hours

DESCRIPTION OF COURSES

BIOLOGY (BI)

Professors Denton (Head), Cairns (Emeritus), and Cooper
Associate Professors Adams, Hebert and Okia
Assistant Professors Brumlow, Owens, and Roush
Instructors Barksdale and Tanner

101. Principles of Biology (5). Lec. 4, Lab. 2.

Integrated principles of biology beginning with the structure and function of the cell followed by reproduction, heredity, and evolution.

102. Plant Biology (5). Lec. 4, Lab. 2, Pr., BI 101.

The morphology, physiology, relationships, distribution, and importance of plants.

103. Animal Biology (5). Lec. 4, Lab. 2, Pr., BI 101.

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). Lec. 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). Lec. 5, Pr., None.**
A non-major's course on ecological concepts at the population, community and ecosystem levels in relation to human activities, with emphasis on pollution, patterns of resource utilization, and population growth.
141. **Biomedical Vocabulary (5). Pr., EH 102.**
The basis for structuring biomedical terminology, learning definitions, and practice in the use of the vocabulary.
200. **General Nutrition (5). Pr., None.**
Principles of human nutrition and the factors that influence food requirements throughout all age levels. Evaluation of standards, nutritional needs in health and disease, effects of nutritional imbalances, energy balance and diet.
201. **General Microbiology (5). Lec. 4, Lab. 4, Pr., BI 101 or Department approval.**
Fundamentals of microbiology including history, morphology, metabolism, identification, and distribution of bacteria, fungi, and viruses; also applications to industry and home sanitation, foods, and disease prevention in plants and animals.
209. **Anatomy and Physiology in Physical Education (5). Lec. 4, Lab. 2, Pr., BI 101.**
An introductory study of homeostasis, tissues and integumentary, skeletal, articular, muscular, circulatory and lymphatic systems with an emphasis on the relationships of human anatomy and physiology to exercise and fitness.
210. **Human Anatomy and Physiology I (5). Lec. 4, Lab. 4, Pr., BI 101.**
An elementary course involving a study of the human body in relation to its functions. Includes the gross anatomy and sufficient microanatomy to serve as a foundation to the understanding of the basic mechanics and functions of the organs of the body.
211. **Human Anatomy and Physiology II (5). Lec. 4, Lab. 4, Pr., BI 101.**
Anatomy and physiology related to the nervous system and special senses; respiratory, digestive, urinary, endocrine, and reproductive system; and body fluids and electrolytes.
316. **Clinical Pharmacology (5). Lec. 5, Pr., 5 hours Chemistry, BI 210-211 or Department approval.**
A systematic study of therapeutic drugs, their effects on the body and disease processes; methods of administration and dosage. Fall Quarter.
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). Lec. 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.
401. **Medical Microbiology (5). Lec. 4, Lab. 3, Pr., BI 201.**
Etiology, epidemiology, vector controls, identification and pathogenesis of microorganisms of medical importance to man.
402. **Parasitology (5). Lec. 4, Lab. 4, Pr., BI 103 or Department approval.**
Morphology, physiology, and ecology of parasites, identification and life histories of representative parasitic protozoa, helminths, and arthropods.
403. **General Virology (5). Lec. 4, Lab. 4, Pr., BI 201 and Junior standing or Department 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 Department 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 Department 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 and Pr., or Coreq. BI 420 or Department approval.**
Studies of the actions of environmental factors upon the bacterial flora and of the actions of microbes upon their environments.
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 Department approval.**
Study of the physiological processes and specializations of vertebrates.
420. **Ecology (5). Lec. 4, Lab. 4, 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. Field trips will be made.
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.
- 430. Genetics (5). Lec. 4, Lab. 3, Pr., BI 101.**
Basic general principles, theoretical basis for genetic systems. Lectures, discussions of modern areas of research and experiments will be intermixed to explain the operational theory of the gene.
- 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.
- 445. Animal Behavior (5). Pr., Junior standing and 20 hours of biological science or Department approval.**
Analysis of learned and unlearned animal behavior and its evolutionary development, integrating the contributions of ethological and behavioral approaches.
- 450. Freshwater Biology (5). Lec. 4, Lab. 2, Pr., BI 102 or BI 103 or Department approval.**
Taxonomy and environmental relationships of the biota of fresh-water 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.
- 470. Microtechnique (5). Lec. 4, Lab. 4, Pr., Department approval.**
Methods of tissue preparation for the light microscope, including fixing, embedding, sectioning, general and cyto-chemical staining, and mounting. Smear and squash techniques. Introduction to optical microscopy, macro and photomicrography.
- 490. Evolutionary Biology (5). Lec. 4, Lab. 2, Pr., BI 102 or BI 103 or Department 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 Department 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. **Seminar in Biology (1). Pr., Permission of instructor. Required of all majors; open to all minors.**
Lectures, discussions, literature reviews by staff, students, and guest speakers.

MEDICAL TECHNOLOGY (MTY/BI)

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

301. **Clinical Laboratory Orientation (5). Lec. 4, Pr., Program approval.**
A clinical orientation course covering Hematology, Chemistry, Blood Bank, Serology, Bacteriology, Mycology, Parasitology, and Nuclear Medicine. A review and orientation course for students of Medical Technology entering the intern year.
307. **Theoretical Immunology (5). Lec. 4, Lab. 4, Pr., BI 210, BI 211 and CH 301 or Program Approval.**
An introduction to cell mediated and antibody mediated immunity and hypersensitivity. Laboratory exercises are designed to familiarize the student with the techniques basic to immunology.
308. **Theoretical Immunohematology (5). Lec. 4, Lab. 4, Pr., BI 210 and BI 211 or Program Approval.**
Study of the blood groups of man and an introduction to the basic procedures used in Blood Banks. Selection criteria for blood donors and the processing and storage of blood for transfusion are emphasised.
312. **Hematology I (5). Lec. 4, Lab. 4, Pr., BI 210 or Program Approval.**
Study of the origin and maturation of blood cells with specific emphasis on morphology and laboratory diagnostic techniques.
313. **Hematology II (5). Lec. 4, Lab. 4., Pr., MTY 312 or Program Approval.**
Study of various abnormalities of blood cells and coagulation. Emphasis will be on pathology and laboratory diagnostic techniques.
314. **Clinical Chemistry I (5). Lec. 4, Lab. 4, Pr., BI 210, BI 211, 20 hours of chemistry including CH 420 or Program Approval.**
A study of the general intermediary metabolites of importance in diagnosis of disease. Disorders of carbohydrate and protein metabolism will be discussed with emphasis on the laboratory detection of these disorders.
315. **Clinical Chemistry II (5). Lec. 4, Lab. 4, Pr., Program Approval.**
Renal, respiratory and hepatic physiology will be discussed with an emphasis on disease processes involving these systems and laboratory diagnosis. Mechanisms for water, electrolyte and acid-base balance and causes for imbalance will be discussed in association with these organ systems. Theories and techniques of enzymology applicable to the clinical laboratory will be introduced and correlations established between enzyme activities and various disease states.
316. **Clinical Instrumentation I (5). Lec. 4, Lab. 4, Pr., Program Approval.**
An introduction to clinical laboratory instruments. Basic theory of fundamental clinical instrumentation will be discussed with "hands-on" experience in lab. Maintenance procedures and troubleshooting techniques will be introduced.

317. **Clinical Instrumentation II (5). Lec. 4, Lab. 4, Pr., Program Approval.**
Basic theory, maintenance and troubleshooting of specialized instrumentation used in the clinical laboratory will be discussed with "hands-on" experience in lab. A special project will be assigned on procedural development or instrument repair.
400. **Clinical Bacteriology I (5). Lec. 4, Lab. 4, Pr., Program Approval.**
This course is designed to take the student through the basic procedures used in modern laboratories for the isolation and identification of clinically significant microorganisms. The course introduces the student to the basic mechanisms of host defense and physiologic mechanisms of disease processes. In the course emphasis is placed on practical experience in laboratory methodologies as well as supply inventory control utilizing microcomputer.
401. **Clinical Chemistry III (4). Lec. 3, Lab. 3, Pr., Program Approval.**
Disorders of lipids and lipid metabolism, iron metabolism, porphyrins and porphyrias, and evaluation of endocrine disorders will be studied.
402. **Clinical Chemistry IV (5). Pr., Department Approval.**
Clinical experience in clinical chemistry will be provided in an affiliated hospital. This will involve clinical practice in chemistry procedures and methodologies. A review of basic concepts related to clinical chemistry will be conducted.
403. **Clinical Hematology I (5). Lec. 4, Lab. 4, Pr., MTY 313 or Program Approval.**
This course emphasizes dyscrasias of erythropoiesis and leukopoiesis. Laboratory exercises are designed to develop expertise in hematologic procedures.
404. **Clinical Hematology II (5). Pr., Program Approval.**
This course is a part of the student's clinical rotation and emphasizes techniques and instrumentation currently used in hematology for diagnosing disease states.
405. **Clinical Immunohematology I (5). Lec. 4, Lab. 4, Pr. Program Approval.**
This course is designed to strengthen in the student the abilities to utilize Blood Bank procedures. Emphasis will be placed on antibody identification and cross-matching techniques.
406. **Clinical Immunohematology II (5). Pr., Program Approval.**
The techniques utilized in clinical laboratories in Blood Banks will be handled in such a manner as to develop the entry level skills required of the graduating Medical Technologist.
407. **Clinical Instrumentation III (5). Lec. 4, Lab. 4, Pr., Program Approval.**
A review of instrumentation in the clinical laboratory. Correlations will be examined between results obtained from lab instruments and disease processes. Case studies will be presented by the students for class discussion.
408. **Clinical Instrumentation IV (5). Pr., Program Approval.**
Clinical experience with laboratory instrumentation will be provided in an affiliated hospital to develop skills for an entry level medical technologist.

409. **Clinical Mycology (2). Lec. 2, Lab. 2, Pr., Program Approval.**
This course will emphasize the increasing importance of fungal infections in hospital populations. Classes of fungi covered are the Ascomycetes, Basidiomycetes, Deuteromycetes (Fungi Imperfecti) and Myxomycetes. The major emphasis will be placed on the Deuteromycetes since this class is most often encountered in the hospital. Students will be required to prepare slide cultures and develop skills in basic identification techniques.
410. **Clinical Nuclear Medicine (1). Lec. 1, Lab. 1, Pr., Program Approval.**
Theory of radioisotopes will be introduced along with techniques for handling radioactive materials. The laboratory will involve "hands-on" experience using low level radioisotopes.
411. **Clinical Parasitology (2). Lec. 2, Lab. 2, Pr., Program Approval.**
The disease mechanisms of the blood, tissue and intestinal parasites will be studied in such a manner as to emphasize general mechanisms of parasitic infections. An emphasis will be placed on laboratory identification methodologies and criteria.
412. **Urinalysis I (1). 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. This course to be given in a hospital environment and is designed to develop the necessary skills in this area for an entry level medical technologist.
417. **Clinical Bacteriology III (5). Lec. 4, Lab. 4, Pr., Program Approval.**
This course is designed to develop in the student the skills necessary to function efficiently in a microbiology laboratory. The student will be exposed to extensive identification problems with significant microorganisms and the handling of clinical specimens. The mechanisms of disease processes and the treatment of diseases will be stressed as well as laboratory safety in working environments.

- 418. Clinical Electrophoresis (2). Pr., Program Approval.**
Clinical experience in electrophoretic procedures will be provided in an affiliated hospital.
- 419. Clinical Serology II (2). Pr., Program Approval.**
This course is designed to develop in the student the skills in this area for an entry level medical technologist. The course is given in a hospital environment.
- 420. Clinical Toxicology (5). Lec. 4, Lab. 4, Pr., Program Approval.**
This course will include the study of various techniques used in clinical toxicology. General theory as well as practical applications or 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 to include 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, Richardson, and Teggin (Head)
Associate Professors Mahaffy and Rawlings
Assistant Professors Hill and Thomas
Instructor Russell

- 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 chemi-

cal calculations. However, the course is not a formal pre-requisite for the general chemistry sequence.

- 101. General Chemistry I (5). Lec. 4, Lab. 3, Pr. or Coreq., MH 150 or 160 or 161.**
A detailed study of atomic theory, chemical bonding, and states of matter. Suitable for technical majors. Students with weak backgrounds may benefit from taking CH 100 prior to this course.
- 102. General Chemistry II (5). Lec. 4, Lab. 3, Pr., CH 101.**
A study of solution chemistry, acid-base theory, kinetics and equilibria.
- 103. General Chemistry III (5). Lec. 4, Lab. 3, Pr., CH 102.**
A study of the chemistry of the important chemical elements plus thermodynamics and introductions to organic chemistry and nuclear chemistry.
- 201. Analytical Chemistry (5). Lec. 3, Lab. 6, Pr., CH 102.**
Theory and application of volumetric and gravimetric analysis. Most industrial employment opportunities require CH 201 and a knowledge of instrumental analysis. Offered during Winter Quarter.
- 210. Survey of Organic Chemistry (5). Pr., PHS 130 or CH 101.**
A general survey designed for students requiring an introduction to organic chemistry. May be taken as part two of a two-part sequence of courses (PHS 130/CH 210) for students in the Allied Health Sciences. Credit may not be obtained for both CH 210 and CH 301.
- 220. Introductory Biochemistry (5). Pr., CH 210 or 301.**
A descriptive course in general biochemistry covering the major classes of biochemical compounds, with applications to human nutrition, digestion, absorption, and body fluids.
- 301. Organic Chemistry I (5). Lec. 4, Lab. 3, Pr., CH 102.**
A systematic study of the important groups of hydrocarbons, including an introduction to the chemistry of some functional groups.
- 302. Organic Chemistry II (5). Lec. 4, Lab. 3, Pr., CH 301.**
A detailed study of the major functional groups in organic chemistry.
- 303. Organic Chemistry III (5). Lec. 4, Lab. 3, Pr., CH 302.**
A continuation of CH 302 with major emphasis on polyfunctional molecules, including a brief introduction to biochemical systems. The laboratory deals with qualitative analysis.
- 320. Instrumental Methods in Biochemistry (5). Lec. 3, Lab. 6, Pr., 20 hours of chemistry.**
Biomolecules and their analyses by modern instrumental methods. An emphasis will be placed on the principles of and applications of the instruments. Many employment opportunities require a working knowledge of this type of instrumentation. Offered during Spring Quarter.
- 410. Physical Chemistry I (5). Lec. 4, Lab. 3, Pr., 25 hours of chemistry.**
A study of kinetic phenomena which influence chemical reactions. Taught in fall quarter of even-numbered years. This course may be taught concurrently with CH 610.
- 411. Physical Chemistry II (5). Lec. 4, Lab. 3, Pr., 25 hours of chemistry.**
A study of thermodynamics and chemical bonding. Taught in fall quarter of odd-numbered years. This course may be taught concurrently with CH 611.

- 420. Biochemistry (5). Lec. 4, Lab. 3, Pr., 25 hours of chemistry or biology including CH 301.**
A standard biochemistry course for students in the health and physical sciences. CH 220, 320, and 420 would be equivalent to a minor in biochemistry. This course may be taught concurrently with CH 620. Offered during Summer Quarter.
- 498. Independent Study in Chemistry (1-5). Pr., 25 hours of chemistry and departmental approval.**

ENGINEERING (EN)

Professor Chambless
Associate Professor Liddell (Coordinator)
Assistant Professor Albree

- 102. Graphical Communication and Design (2). Lab. 6. Coreq., MH 161.**
Fundamental aspects of projective geometry and graphical techniques as an aid to spatial visualization and communications in design. Emphasis on sketching, multiviews, graphical conventions, geometry, dimensions, and symbols. EN 102 usually is offered every quarter.
- 205. Applied Mechanics: Statics (5). Pr., MH 162 and PS 210.**
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 and each Spring Quarter during the day and each Winter Quarter in the evening.
- 207. Mechanics of Solids (5). Pr., EN 205 and MH 163.**
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 301, Coreq., MH 240.**
Basic laws and concepts; resistive circuits; systems of linear equations; R-L and R-C circuits.
- 301. Thermodynamics I (5). Pr., EN 205 and PS 211.**
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 in the evening.
- 321. Applied Mechanics: Dynamics I (5). Pr., EN 205 and MH 163.**
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 during the day and each Summer 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 Cairns (Emeritus) and Vocino
Associate Professors Adams and 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.)

POLITICAL SCIENCE (GV)

Professors Elliott, Grafton, Permaloff, and Vocino (Head)
Associate Professors B. Moody and Wells
Assistant Professors Duke and Wilson
Instructor M. Moody

101. Constitutional Foundations of American Democracy—The Citizen and Politics in American Society (5).

A study of the constitutional setting of American national and state government, including the major mechanisms by which government makes itself responsive to American citizens and the ways citizens use these

mechanisms. Includes an examination of Federalism, Political Behavior, Political Parties, and Interest Groups.

102. **Institutions of American, State and National Government (5).**
A comparative study of the legislative, executive, and judicial processes, civil liberties, the bureaucracy, and selected policy areas, with special emphasis on policies generating conflict between national and state government.
301. **Research and Methodology I (5). Pr., MH 267.**
Introduces the philosophies of science underlying research into human behavior including the role of logic, the tasks of methodology, the nature of explanation, and other problems associated with the theory-data continuum.
302. **Research and Methodology II (5). Pr., GV 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., GV 101 or GV 102.**
Surveys the processes and functions of city government.
340. **Introduction to Public Administration (5). Pr., GV 102.**
Surveys administrative processes, including organizational behavior, leadership, decision making, and policy formulation.
341. **Organization Theory (5). Pr., GV 102.**
Reviews the theoretical and empirical literature in the field of organizational behavior, concentrating upon the major concepts within the field.
345. **Public Budgeting (5). Pr., GV 101 or GV 102.**
Covers executive budget formulation including planning, programming, and budgeting systems, and the politics of executive-legislative relations in the budgetary process.
351. **Legislative Process (5). Pr., GV 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., GV 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., GV 101.**
Reviews the development of political philosophy in the United States and its impact on American political institutions.
385. **Political Parties (5). Pr., GV 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., GV 101 or GV 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 GV 610.
417. **Environmental Problems (5). Pr., GV 101 or GV 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., GV 101 or GV 102 and Junior standing.**
Focuses upon selected problems of metropolitan areas and their possible resolution through public policy. May be taught concurrently with GV 630.
431. **Public Administration in State and Metropolitan Government (5). Pr., GV 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 indepth 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 GV 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 GV 645.
450. **Southern Politics (5). Pr., GV 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 GV 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 GV 654.
460. **Constitutional Law I (5). Pr., GV 101 or GV 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., GV 101 or GV 102, and Junior standing.**
Reviews the development of constitutional protections of individual rights and liberties in the United States.
464. **Recruiting, Selecting and Evaluating Personnel (5). Pr., GV 102 and Junior standing.**
Application of psychological principles to recruiting, selecting, and evaluating personnel.
470. **Topics in Political Theory (5). Pr., GV 101 or GV 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., GV 101 and Junior standing.**
Analyzes the personal, social, and constitutional basis of the behavior of electorates. May be taught concurrently with GV 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 GV 681.
484. **Seminar in Urban Studies (5). Pr., GV 101 and GV 102, and Junior standing.**
Analyzes selected problems confronting urban dwellers today.
485. **Thesis in Urban Studies (5). Pr., 15 hrs. 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., GV 101 or GV 102.**
In depth examination of specific topics of current interest in political science in related fields. Only 10 hours credit from any combination of GV 490 and 491 may be applied toward the 60 hours GV major requirement.
491. **Independent Study (1-5). Pr., 15 hrs. of government courses and permission of instructor.**
Only ten hours credit from any combination of GV 490 and 491 may be applied toward the 60 hours GV 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 Government Department.

JUSTICE AND PUBLIC SAFETY (JP)

Professors Osterhoff and Schrader
Associate Professors McClurg (Head) and Schlotterback
Assistant Professor Shook

201. **Introduction to Justice and Public Safety I (5). CORE COURSE.**
Examines philosophy and history of crime, criminal behavior, and law as they relate to the criminal justice system. Discusses the law enforce-

ment sub-system 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 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 201-202 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 201-202, 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 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 used in personal protection of selected individuals, procedures, problems and concepts of personnel protection.
- 351. Corrections: Theory and Practice (5). Pr., JP 201-202, 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 community-based programs are examined as to policies, procedures, and feasibility. Relationship to community service organizations is examined.
- 354. The Juvenile Justice System (5). Pr., JP 201-202 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. Parent and Child: Rights and Responsibilities (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 201-202 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. Criminal Justice Information Systems (5).**
Covers current day planning, development, and automation of each of the components of the criminal justice system, including law enforcement, prosecution, courts, corrections, and parole. Includes a review of the background of the criminal justice information system and discusses future trends and developments. A brief introduction to computers will be provided for those students who have no prior computer knowledge.
- 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, demonstration, 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 to include areas such as: conflicts of laws, equity, extraordinary remedies, mortgages, and personal property. May be taught concurrently with JP 652 Civil Law I.

453. Civil Law II (5). Pr., Junior or Senior standing.

To provide the student with an understanding of specific civil law subjects to include areas such as: Legal ethics, insurance, bankruptcy, administrative law, and taxation. May be taught concurrently with JP 653 Civil Law II.

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. Human Relations, Casework and Counseling (5). Pr., JP 225 or JP 351 or Permission of Instructor (CED 419 recommended).

A problem solving orientation to communication in highly authoritative relationships with persons in custody of police, prosecution, courts, and corrections organizations.

457. **Corrections: Rights and Responsibilities (5). Pr., JP 225 or JP 351 or Permission of Instructor.**
A detailed examination of jail and prison staff and inmates' rights and responsibilities in relationship to 18 U.S.C. 241-242 and 42 U.S.C. 1983, deprivation of civil rights legislation.
458. **Seminar: Retail Security (5). Pr., JP 312 or Permission of Instructor.**
Examination of losses suffered by retailers as a result of manmade and natural security hazards. Reviews methods of handling such losses as shrinkage and external theft, insurance fraud, and employee theft as they relate to the duties and responsibilities of the Security Administrator. May be offered concurrently with JP 658.
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 result in 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 post-trial considerations and general civil law matters. Advanced students will concentrate upon substantive and procedural matters leading to concentrated study of specific topics of critical interest in both the public and private sectors. May be offered concurrently with JP 665.
466. **Court and Judicial Administration (5). Pr., Junior or Senior Standing.**
Historical and contemporary perspectives of the field of state court management at the state and local level. In addition, administrative and management issues concerning trial courts, state court system, and the federal court system will be analyzed in regard to case management, jury management, personnel administration, budgeting and other topics. Advanced students will concentrate on specific topics of critical interest concerning the administration of state court systems. May be offered concurrently with JP 666.
467. **Family Law (5).**
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 (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 and Palmer (Director of
Freshman Mathematics)
Associate Professors J. Hill, Nanney, Nowell,
F. Smith, and Woods (Head)
Assistant Professors Abbas, Albree, Christian,
C. Huang, and Marks
Instructors Nunnelley and Smiley

- 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.

* NOTE: 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, MH 160, and MH 161. However, credit will not be allowed for both MH 150 and 160. (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 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.

160. Pre-Calculus 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. Duplicate credit will not be allowed for MH 150 and MH 160. (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 150 or MH 160 or an appropriate score on the AUM Mathematics Placement Test.

Limits; the derivative of a function and its applications; antidifferentiation; differential equations with variables separable; the definite integral; the fundamental theorem of the calculus. 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 160 and MH 161.**
Applications of the definite integral; the calculus of trigonometric and inverse trigonometric functions; the calculus of logarithmic and exponential functions; techniques of integration. MH 162 usually is offered every quarter.
- 163. Analytic Geometry and Calculus III (5). Pr., MH 162.**
Improper integrals; polar coordinates; sequences and series; Taylor polynomials and power series; vectors, vector-valued functions, and their derivatives. MH 163 usually is offered every quarter but only during the day Fall Quarter and only in the evening Summer Quarter.
- 200. Fundamentals of Structured Programming (5). Lec. 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 MH 200 and MH 240.
- 210. Desktop and Laboratory Computing (5). Pr., MH 150.**
Emphasizes laboratory computing tools such as text editing, spreadsheet programming, and the operation of microcomputers interfaced with laboratory instruments. Includes fundamentals of programming in an appropriate language. MH 210 usually is offered each Spring Quarter.
- 240. Scientific Programming (5). Pr., MH 151 and the permission of the 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; a brief survey of the BASIC programming language. Duplicate credit will not be allowed for MH 200 and MH 240. MH 240 usually is offered in the evening each Fall Quarter and each Spring Quarter and during the day each Winter Quarter and each Summer Quarter.
- 264. Multivariable Calculus (5). Pr., MH 163.**
Calculus of vector-valued functions; calculus of functions of several variables, including partial derivatives, multiple integrals, and applications; vector analysis. MH 264 usually is offered during the day each Fall Quarter and each Spring Quarter and in the evening each Winter 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 Fall Quarter and each Winter Quarter and in the evening each Spring Quarter and each Summer Quarter.
- 281-282. Elementary Mathematics (5-5). Pr., Sophomore standing.**
These courses provide appropriate mathematical insights for elementary school teachers. Emphasis is on the structure of the number systems, the basic concepts of algebra, and informal geometry. Credit for MH 281-282 will not be applied toward a degree in any program outside the School of Education.
- 310. Discrete Mathematics (5). Pr., Any sophomore level mathematics course.**
Combinatorial reasoning and problem solving, including graph theory, counting principles, permutations and combinations, and combinatorial modeling. MH 310 usually is offered only in the Fall Quarter of odd years.
- 321. Analysis I (5). Pr., MH 163.**
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 321 usually is offered only in the Winter Quarter of even years.
- 322. Analysis II (5). Pr., MH 321.**
Limits; derivatives; theory of the Riemann integral; sequences of functions; uniform convergence; power series. Emphasis is on development of proofs by students. MH 322 usually is offered only in the Spring Quarter of even years.
- 330. Number Theory (5). Pr., Any sophomore level mathematics course.**
Mathematics of the integers; divisibility, primes, unique factorization; congruences and residues; Diophantine problems; number theoretic functions. MH 330 usually is offered only in the Fall Quarter of even years.
- 331-332. Introduction to Modern Algebra I, II (5-5). Pr., MH 163.**
Sets, mappings, the integers, isomorphisms and homomorphisms; groups, rings, fields, ideals; factorization problems and Euclidean domains. The MH 331-332 sequence usually is offered only in the Winter and Spring Quarters of odd years.
- 340. Structured Programming II (5). Pr., MH 200 or MH 240.**
Advanced programming techniques including structuring programs using subroutines, debugging, file structures, and estimation of core requirements and execution time. The programming languages FOR-

TRAN and Pascal will be used. MH 340 usually is offered each Winter Quarter.

362. 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. MH 362 usually is offered only in the Spring Quarter of odd years.

367. Advanced Statistics (5). Pr., MH 267.

Correlation and regression, analysis of variance, nonparametric methods, multivariate analysis. Emphasis on applications. Emphasis on applications. 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 or equivalent.

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. MH 368 usually is offered each Spring Quarter.

411. History of Mathematics (5). Pr., MH 163 or Department approval.

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 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.

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 odd 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 any junior level mathematics course.

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 Fall Quarter of odd years, and MH 461 usually is offered only in the Winter Quarter of even years.

467. Mathematical Statistics I (5). Pr., MH 264.

Basic probability theory; combinatorics; random variables; special distributions; applications to scientific and engineering data. May be taught concurrently with EN 411 and MH 667. MH 467 usually is offered only in the Fall Quarter of even years.

468. Mathematical Statistics II (5). Pr., MH 467 or EN 411.

Moment generating functions and use of moments; Central Limit Theorem; derivation of probability density function of sample statistics; sampling, estimation, and hypothesis testing; correlation and regression. May be taught concurrently with MH 668. MH 468 usually is offered only in the Winter Quarter of odd years.

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.

PHYSICAL SCIENCE (PHS)

Professors Hamilton, Richardson, and Teggin (Head)

Associate Professors Mahaffy and Rawlings

Assistant Professors Hill and Thomas

Instructor Russell

099. Orientation for the Medical Sciences (2). Pr., Department 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. An 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 natures of atoms, molecules, and chemical reactions will be discussed. An 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 1.75 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)

210. **General Physics I (5). Lec. 4, Lab. 3, Pr., MH 161.**
A treatment of mechanics and statics intended for technical majors. Differential and integral calculus will be employed frequently during the quarter.
211. **General Physics II (5). Lec. 4, Lab. 3, Pr., MH 161.**
A treatment of thermodynamics and wave phenomena intended for technical majors. May be taken before PS 210. Differential and integral calculus will be employed in this course.
301. **General Physics III (5). Lec. 4, Lab. 3, Pr., PS 210 and MH 163.**
A study of electricity and magnetism intended for technical majors. Integral and differential calculus will be employed frequently during the quarter.

PSYCHOLOGY (PG)

Associate Professors Blackwell, Katz, Sadowski,
and Slattery
Assistant Professors Dudley, Long-Hall, and Molock
Instructors Edwards and Witherspoon

- 211. General Introductory Psychology (5).**
The scientific study of individual behavior emphasizing principles of learning, perception, and motivation. 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.
- 312. Behavior Analysis (5). Core Course. Lec. 4, Lab. 3, Pr., PG 211.**
A study of basic principles of learning to include an indepth 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 acquisition and change from conception to death; transitions through pre-natal, infantile, juvenile, adolescent, adult, and geriatric stages of life. 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.
- 322. Psychopathology (3). Pr., PG 211.**
A brief survey of abnormal behavior, its classification, diagnosis and remediation; for students unable to take the longer course. Offered Spring quarter.
- 323. Behavior Pathology (5). Pr., PG 211.**
A survey of adjustive behavior failures, their causes and treatment. Offered Spring quarter.
- 324. Correctional Psychology (5). Pr., PG 211.**
Analysis of individual and organizational behavior in correctional 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.
- 350. Learning (5). Core Course. Pr., PG 211.**
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 I (5). Lec. 4, Prac. 3, Pr., PG 211, 312, 419 and Department approval.**
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.
- 413. Advanced Behavior Modification (5). Lec. 4, Prac. 3, Pr., PG 211, 312, 350, 412 and permission of instructor.**
Analysis of the literature of behavior modification, and participation in a supervised practicum. May be repeated for a maximum of 15 hours of credit. Offered Winter and Summer quarters.
- 414. Personnel Selection and Utilization (5). Pr., PG 211, 314, 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, 317, 318, 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, 317, 318.**
A systematic examination of the theoretical and methodological characteristics of approaches to the study of personality which have been influential in the area. Offered Winter quarter.
- 419. Foundations of Experimental Psychology (5). Lec. 4, Lab. 3, Pr., PG 211, PG 312, and MH 267.**
The research sequence idea conception and problem translation into experimental action; research execution; interpretation and communication of experimental results. Offered Fall quarter.
- 420. History and Systems in Psychology (5). Core Course. Pr., PG 211, 15 hours of Psychology and Departmental approval.**
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, 312, 350.**
An introduction to the neurological and physiological substrates of behavior. Offered Winter quarter, even-numbered years.
- 422. Advanced Experimental Analysis of Behavior (6). Lec. 4, Lab. 4, Pr., 10 hours of undergraduate behavior modification or behavior analysis courses.**
Advanced study of the experimental analysis of behavior to include an indepth review of the current theoretical models of the quantitative law of effect, reinforcement, reinforcement schedules, escape and avoidance, stimulus control, conditioned reinforcement, social behavior, and verbal behavior. Students are required to participate in laboratory sessions which use an experimental animal to explore the basic phenomena covered in class. Offered Fall and Spring quarters.
- 425. Advanced Social Psychology (5). Pr., PG 211, 325, 350.**
An examination of selected theory and research in such areas as the socialization process, interpersonal dynamics, conformity, and attitude formation change. Same as SY 431. Offered Spring Quarter, odd-numbered years.

430. **Experimental Psychology (5). Lec. 4, Lab. 3, Pr., PG 211, 312, 350, 419, MH 267.**
A lecture and laboratory course devoted to the conduct of research by the student in his or her area of interest and familiarity. May be repeated. Offered Winter and Spring quarters.
481. **Seminar in Psychology (5). Core Course. Pr., PG 211 and 10 hrs. in Psychology.**
Topics for the seminar to be determined on the basis of student and instructor interest. Offered every quarter.
490. **Independent Study in Psychology (2-10). Pr., Departmental Approval.**
An individual problem course. Each student will work under the direction of a staff member on some experimental or theoretical problem of mutual interest. Offered every quarter.
495. **Internship/practicum in Psychology (2-10). Pr., Departmental Approval.**
Each student will work under supervision of a staff member in a departmentally approved setting to provide psychological services. Offered every quarter.



AUM LIBRARY INSTRUCTION PROGRAM (LI)

The Library offers a program comprising several components designed to aid the student in completing research at AUM. The free non-credit offerings of this program include:

- * general orientation tours and classroom sessions for students enrolled in EH 101 and 102;
- * specialized subject orientation sessions for junior and senior classes;
- * individualized term paper clinics; and
- * workshops treating interdisciplinary topics and resources.

These are open to both individuals and classes.

The Library instruction program also includes the following credit courses:

- 100. Introduction to Library Use (1). Pr., None.**
An orientation to the AUM Library and its services, combined with basic bibliographic instruction including online, card, and book catalogs, bibliographies, indexes and abstracting tools, and introduction to government documents and information services. Students will learn rudimentary search strategies and how to evaluate a variety of information resources.
- 200. Introduction to Information Resources and Services (3). Pr., None.**
An introduction to information-service organizations, systems, and methods for searching and dissemination, including classification theory, typology of reference tools and services, manual and automated technologies, and documentation methods, to equip students for the efficient use of archives, libraries, government information systems, online services, and other systems.

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 25 or greater.

Eligible students are invited to participate in the Scholars Program during the fall, winter and spring quarters of each academic year. Students who register for one or more Scholars courses are considered University Scholars for that quarter.

The course work in the Scholars Program does not compete with or substitute for existing AUM courses. University Scholars usually take the Scholars courses of their choice over and above their normal academic loads. All Scholars courses accept enrollment on a first-come, first-served basis. Study courses, carrying the numerical designation 299S, are offered in the areas of Humanities, Science or American Culture, Business or Economics and meet weekly. The Scholars Colloquium (199S) meets frequently during each quarter and is designed broadly as an introduction to the world of scholarship and culture. Directed Readings (399S) and Directed Research (499S) are available by arrangement. Despite the static numbering system, course content is different each quarter so all courses may be repeated for credit.

Although the credit hours for a scholars course are counted as part of the total tuition cost, full-time students enrolling in the usual fifteen hours of course work will normally not pay for the additional scholars-course hours since the total number of hours will not usually exceed twenty hours. Part-time students pay for scholars courses at the normal 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 a 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 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 \$630.00 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, Trailer 5, no later than start of Spring Quarter each year.

New Entry Option

The Army has developed a new process by which an incoming junior who possesses none of the traditional prerequisites (i.e. basic training, Junior ROTC, AROTC Basic Camp, or completion of the basic curriculum) may enter the Advanced Program. A junior who has at least a 2.0 GPA and meets the physical requirements may enter the Advanced Program but will attend AROTC Basic Camp during the summer between the cadet's junior and senior years. After successful completion of Basic Camp, the cadet will complete his/her on-campus instruction during his/her senior year and will attend Advanced Camp the following summer and can receive his/her commission there.

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 \$100.00 a month (tax free) not to exceed \$1000.00 per academic year, while enrolled.

Service veterans, three or four year junior ROTC students, Basic Camp graduates, junior or military college transfer 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 a student officer thus affording them the opportunity for enhanced leadership development. Students in this program receive an additional \$120.00 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 as well as extensive training in military tactics, and related subjects vital to success as a junior officer. Students attending Advanced Camp receive approximately \$630.00 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 one or more of a variety of active Army service schools is available to selected students during the summer. Students may select attendance at Ranger School, 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 Ranger Tab, Parachutist Badge, or Air Assault Badge.

Students who successfully complete the Army ROTC curriculum and who gain a bachelor's degree will be commissioned a Second Lieutenant. Subsequent military service may be on active duty or with the Army National Guard or Army Reserve. Outstanding cadets who are selected as Distinguished Military Students 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 full 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 full tuition to both resident and out of state students, textbooks, materials and laboratory fees in addition to a \$100.00 a month tax-free allowance. As opposed to nonscholarship candidates, scholarship students serve one additional year on active duty.

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 six week Army Nurse Summer Training Program. The Nurse Summer Training Program is a six-week program for nursing students at selected medical treatment facilities throughout the United States. It is structured to provide practical and leadership experience in the clinical setting. Primary focus is directed at providing nursing cadets an experience which integrates clinical interpersonal and leadership knowledge and 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 camp period.

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 at 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 pre-commissioning 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. Three of these courses are required and two are recommended. The three required courses are: Written Communication Skills, Human Behavior and Military History. Additionally, scholarship students will be required to take a foreign language course. The recommended courses are a Management course and National Securities Studies. 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. **Basic 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, 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 into 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 in the military which require attention. Focus on small group discussions of the 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, National Security Structure, Defense Organizations, 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 important for all. Topics include: evaluating a casualty, clear an object from a throat, perform mouth to mouth, put on a pressure dressing, apply a dressing to an open chest/head/abdominal wound, give first aid for burns/shock/suspected fracture, protect yourself from heat/cold/biting insects/diarrhea, and other important topics. This course does not lead to Red Cross certification.
203. **Pistol Marksmanship (2).**
An orientation on the safe use of handguns to include marksmanship practice. This course will be taught largely at Maxwell Air Force Base Small Arms Range.
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. Classes 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 such as compass use, maps and marginal information, resection and intersection are covered.
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).

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, and elevation as well as techniques of orientation in the field. Includes a day and night land navigation practical exercise 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 into the care, maintenance, and use of individual weapons such as the M16A1 rifle, the M60 machine gun, the M18A1 anti-personnel 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 weapons. 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, Investigations, Pretrial Restraint and Rights of Accused Persons, Search and Seizure, Nonpunitive Disciplinary Measures, Nonjudicial Punishment, and the Court-Martial System.

402. Advanced Leadership and Management (5).

This course examines the Army leader as a professional and develops those skills required of the managing professional. Instruction includes duties and relationships of the young lieutenant. Additionally, counseling skills are developed. The course will also look at professionalism in the military and closely examine the ethical decision-making process of the professional.

403. Advanced Leadership and Management II (5).

This is a two part course which will provide the final polishing of the cadet before commissioning. The first part instructs the cadet in the Army Training System. Topics include: Provide Input Concerning the Status of Training, Prepare to Conduct Training, Conduct Training, and Evaluate the Conduct of Training. The latter part of the course will examine the various challenges which the new lieutenant might encounter. Topics include: Entering Your Platoon, The Company Environment, Equipment and Supplies, and Organizational Structures.

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 the management and leadership in the Air Force. To accomplish this purpose, the Division of Aerospace Studies offers 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 consortium.

The Four-Year Program

Men and women students desiring to participate in the four-year program should enroll at the same time and in the same manner as they would for other courses offered at Auburn University at Montgomery. 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 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/her four-week training period. (Field Training is explained more fully in a later paragraph.) Other basic requirements for the four-year program: The student must be a citizen of the United States and possess 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 non-taxable 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/she agrees to serve on active duty for a period of seven years after completing pilot training. A cadet accepted for navigator training must agree to serve on active duty for a period of five 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 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 early in the calendar year, January-April, preceding the fall quarter in which they intend to enter the program. This is necessary because the processing procedure must be completed approximately two months prior to intended enrollment. Application by interested students should be made in writing or by a personal visit to the Professor of Aerospace Studies.

There is no military obligation 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 AFROTC Scholarship Program

Scholarships are available to qualified cadets in the four-year and the two-year programs. Scholarships in both programs cover full tuition, laboratory and incidental fees, and a flat rate for books. Scholarship cadets also receive a \$100 non-taxable allowance each month. Initial selection for scholarships to be awarded during the sophomore or junior 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. All selections for four-year scholarships are made 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.

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 the future Air Force officer 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:

	Credit 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:

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

Each AFROTC student attends Leadership Laboratory for one hour each Wednesday 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 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.

Flight Screening Program

Qualified cadets interested in becoming Air Force pilots may participate in the Flight Screening Program prior to undergraduate pilot training. The program is usually attended in conjunction with field training.



DIVISION OF CONTINUING EDUCATION

The Division of Continuing Education coordinates, guides, facilitates, and provides leadership for educational programs for adults. The Continuing Education programs extend the resources of the University to those persons not regularly enrolled as students on the campus. Programs take the form of non-credit courses, conferences, professional development seminars, cultural offerings and special educational service projects. Offerings include a broad range of courses in the humanities, the social sciences, business, the health sciences, the arts, and communications for adults who wish to continue to study—to learn about themselves, their society and their world.

Programs reach every part of the Montgomery community. While these programs are developed to meet varying needs, all have grown out of the philosophy that a state university should serve all the people. Programs are not limited to the traditional curriculum, but are flexible and responsive to contemporary thought and development.

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.

Community Services

Through Community Services, a variety of non-credit short courses are offered each quarter. These courses are designed for individuals who want to upgrade their skills in order to advance or re-enter the job market, train for a specific occupation, and enrich their leisure time.

In addition to providing courses for adults, Community Services also specializes in programs for youth and senior citizens. Youth College is for children in elementary, junior high and high school. It is 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. Senior University is open to retired persons 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.

Professional Development

The division regularly plans, develops, and presents seminars, workshops, teleconferences and learning institutes for individuals or groups interested in increasing their knowledge or professional skills. These activities are developed to serve identified needs in the professional communities. Additionally, programs are custom designed for specific professional groups or organizations to compliment their personnel training and development programs. These contract programs are scheduled on campus or at the organization's site. The division has the resources to perform organizational training and development needs assessment consulting services upon request.

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 requirements.

Conferences and Institutes

The Division of Continuing Education offers a full range of conference planning services, from program development and registration to meal planning and special events coordination. Meeting facilities can accommodate the smallest group up to those of several hundred.

Continuing Education's professional conference planners work with campus groups, community organizations and area businesses to bring all sorts of 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 subscribes to NUTN (National University Teleconferencing Network) which provides us with quality teleconferences on a myriad of subjects. Programs are viewed on a 10 × 10 foot screen supplemented by 26" monitors. Telephone linkages are arranged for questions with the teleconference speakers. Teleconferences are often tied in with a workshop, called a wrap-around, 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.

WEEKEND COLLEGE

Weekend college courses are credit classes for the busy adult student. These courses offer an alternative to evening classes, more options to start or complete a degree, and the opportunity to take the college course you have wanted to take. Courses are scheduled on Saturday mornings or Sunday evenings.

Admission Requirements for the Weekend College Courses

You must be admitted to AUM by calling the Division of Continuing Education.

Gerontology

The division is responsible for coordinating the coursework which leads to the Specialist in Gerontology Certificate issued in cooperation with the University of Alabama.

Admission Requirements for Non-credit Courses

For the large majority of courses, the requirements are simply a desire to learn, the completion of registration, and payment of tuition. In all cases, preregistration is required prior to the first class.

Tuition

Non-credit 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 clearing house 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, video tapes 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 or call 271-9342.

FACULTY

- Abbas, Yousef H., **Assistant Professor of Mathematics** 1984
B.S., University of Jordan; M.S., Ph.D., University of South Florida
- Adams, Caroline S., **Associate Professor of Biology** 1974
B.A., Drew University; M.A., Ph.D., Southern Illinois University
- Afolayan, Johnson Ajide, **Assistant Professor of Education** 1987
B.A., M.S., Ed.S., University of Wisconsin-Stout; Ph.D., Iowa State University
- Albree, Anson B., **Assistant Professor of Mathematics and Pre-Engineering** 1976
B.E., Vanderbilt University; M.A., University of Tennessee
- Anderson, Nancy, **Assistant Professor of English and Director of English Composition** 1973
B.A., Millsaps College; M.A., University of Virginia
- Arnold, Frances, **Instructor of Education and Director, AUM Early Childhood Center** 1973
B.S., Auburn University; M.Ed., Ed.S., Auburn University at Montgomery
- Baggett, Jannett, **Instructor of Education** 1977
B.S., Valdosta State College; M.Ed., Ed.S., Auburn University at Montgomery
- Barfield, Betty Reeder, **Instructor of Nursing** 1985
B.S.N., University of Alabama Birmingham; M.S.N., Troy State University
- Barfoot, James, **Assistant Professor of Philosophy and English** 1976
B.A., University of South Alabama; M.A., Ph.D., Auburn University
- Barksdale, Jeffrey M., **Instructor of Medical Technology and Biology** 1982
B.S., M.T.(ASCP), University of Alabama in Birmingham; M.S., Auburn University
- Barnett, Kathryn, **Dean of School of Nursing and Professor of Nursing** 1979
R.N., Parkland Memorial Hospital; B.S., George Peabody College; M.S., University of Colorado; Ph.D., North Texas State University
- Beliles, Gregory R., CPT, AV, **Assistant Professor of Military Science** 1986
B.S., United States Military Academy at West Point
- Bernard, Richard M., **Head of Department of History and Professor of History** 1984
B.A., University of Oklahoma; M.A., Wake Forest University; Ph.D., University of Wisconsin
- Best, Rickey D., **Librarian II and Archivist, Collection Management and Special Services** 1986
B.A., M.A., University of California, Riverside; MLIS, University of California, Berkeley
- Billingslea, Oliver L.F., **Associate Professor of English** 1970
B.A., University of Mississippi; M.A., Johns Hopkins University; Ph.D., University of Wisconsin

- Blackwell, Martha, **Associate Professor of Psychology** 1973
B.A., Samford University; M.A., Ph.D., University of Alabama
- Blucker, Daniel, **Librarian II, Director of Information and Instructional Services** 1985
B.S., Harding University; M.L.S., North Texas State University; M.S.M., Vrije Universiteit, Brussel
- Bogie, Donald W., **Director of Center for Demographic and Cultural Research and Professor of Sociology** 1971
B.A., Georgetown College; M.A., Ph.D., University of Kentucky
- Boyne, John J., **Professor of Political Science and Public Administration Emeritus** 1968
A.B., M.A., University of Alabama; Ph.D., University of North Carolina
- Bradley, Patricia J., **Assistant Professor of History** 1982
B.A., University of Georgia; M.A., West Georgia College; Ph.D., Emory
- Brown, Allie J., **Instructor of Nursing** 1984
B.S.N., M.S.N., University of Alabama-Birmingham
- Brown, Gwendolyn O., **Assistant Professor of Communication** 1979
B.A., York College of Pennsylvania; M.A., Ph.D., University of Maryland
- 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
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- Buchanan, Ron, **Instructor of English** 1985
B.A., James Madison University; M.S., M.A., Longwood College
- Budden, Michael C., **Dean of the School of Business and Professor of Marketing** 1988
B.S., Louisiana State University; M.B.A., Southeastern Louisiana University; Ph.D., University of Arkansas
- Burke, Beverly, **Instructor of Management** 1987
B.A., M.S., University of Southern Mississippi; M.S., Auburn University
- Cairns, Eldon J., **Emeritus Head of 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., **Associate Professor of Management** 1985
B.A., M.B.A., Ph.D., University of Mississippi
- Campbell, Donald W., **Head of 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 of Department of Curriculum, Instruction, and Administration and Associate 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
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Officer in Charge** 1985
B.A., Virginia Polytechnic Institute and State 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 of
Athletics** 1977
B.S., M.Ed., Auburn University
- Christian, Willie H., **Assistant Professor of Mathematics** 1984
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B.A., Mundelein College; M.A.L.S., Northern Illinois University
- Clark, William D., **Vice Chancellor for Finance and Professor of
Management**..... 1969
B.S.B.A., M.B.A., Ph.D., University of Arkansas
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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
- Coley, Phillip, **Associate Professor of Fine Arts** 1972
B.F.A., M.F.A., University of Georgia
- Cooper, William E., Jr., **Professor of Biology** 1976
B.A., University of Richmond; M.S., Ph.D., Kansas State University
- Cornell, Richard A., **Director of Speech and Hearing Clinic and
Associate Professor of Communication** 1976
B.F.A., Ohio University; M.S., Vanderbilt University; Ph.D.,
Northwestern University
- Crippen, Donald, **Assistant Professor of Education**..... 1974
B.S., Auburn University; M.S., Troy State University
- Crowley, Joseph P., **Assistant Professor of English** 1979
B.A., University of Toronto; Ph.D., University of North Carolina
- Culverhouse, Renee D., **Associate Professor of Management** 1981
B.A., Auburn University; J.D., Samford University
- Dayhoff, Debra, **Assistant Professor of Economics**..... 1986
B.A., University of Virginia; M.S., University of Wisconsin-Madison
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Special Services**..... 1971
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- Denton, Thomas E., **Head of Department of Biology and Professor of
Biology** 1987
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- Deravi, M. Keivan, **Assistant Professor of Economics** 1985
B.A., University of Teheran; M.B.A., Tarlton State University; Ph.D., Oklahoma State University
- Dodd, Donald B., **Professor of History** 1969
B.S., Florence State University; M.A., Auburn University; Ph.D., University of Georgia
- Dudley, Susan D., **Assistant Professor of Psychology** 1987
B.S., Old Dominion University; M.A., College of William and Mary; Ph.D., University of Massachusetts, Amherst
- Duke, Lois, **Assistant Professor of Political Science and Public Administration and Director of the Air University Graduate Program** 1987
B.A., M.A., Ph.D., University of South Carolina
- Duncan, Marvin J., CPT, FA, **Assistant Professor of Military Science** 1984
B.S., University of Florida; B.B.A., University of North Florida
- Edwards, Sandra S., **Instructor of Psychology** 1982
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B.A., Huntingdon College; M.S., Florida State University
- Elliott, Robert H., **Professor of Political Science and Public Administration** 1976
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- Evans, Robert C., **Associate Professor of English** 1982
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- Fair, John D., **Professor of History** 1971
B.A., Juniata College; M.A., Wake Forest University; Ph.D., Duke University
- Farley, Sharon S., **Associate Professor of Nursing** 1985
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- Fitzsimmons, Michael P., **Associate Professor of History** 1985
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- Flynt, Samuel W., **Instructor of Education** 1987
B.S., M.S., University of South Alabama
- Fowler, Andrew J., **Assistant Professor of Music** 1985
B.A., M.M., University of South Carolina; Ph.D., University of Texas
- Gaines, Elizabeth Blair, **Assistant Professor of Communication** 1978
B.A., College of William and Mary; M.A., Indiana University
- Gaines, Robert A., **Director of Theatre AUM and Associate Professor of Theatre** 1977
B.A., College of William and Mary; M.A., University of Maryland; Ph.D., Indiana University
- Gerogiannis, Nicholas C., **Director of Center for International Studies and Associate Professor of English** 1976
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B.S., D.B.A., Mississippi State University; M.B.A., Memphis State University
- Golden, Mary E., **Professor of Accounting** 1973
B.B.A., M.B.A., Memphis State University; D.B.A., Mississippi State University; CPA
- Goodson, Jane R., **Assistant Professor of Management** 1986
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- Gordon, Bruce, **Associate Professor of Education** 1971
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- Grafton, Carl, **Professor of Political Science and Public Administration** 1975
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- Graham, Theresa McWhorter, **Assistant Professor of Education** 1972
B.S., Louisiana State University; M.A., Ed.S., University of Alabama
- Gregorowicz, Phillip, **Associate Professor of Economics** 1980
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B.A., University of Illinois; M.A., Western Illinois University; Ph.D., University of Texas at Austin
- Griswold, Dianne, **Associate Professor of Education** 1979
B.S., M.Ed., Auburn University; Ph.D., Arizona State University
- Guttikonda, Ramamohana R., **Assistant Professor of Accounting** 1985
B.S., Andhra University, India; M.S., Sardar Patel University, India; M.B.A., Alabama A & M University; Ph.D., University of Arkansas
- 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
- Harper, Debra K., CPT, MI, **Assistant Professor of Military Science** 1985
B.S., University of South Dakota
- Harris, Edwin R., **Librarian II, Systems and Operations** 1985
B.A., Wheaton College; M.S.L.S., University of Illinois; Ph.D., Southern Illinois University
- Harrison, Danny E., **Head of Department of Sociology and Professor of Sociology** 1972
B.A., M.S., Ph.D., Mississippi State University; M.C.E., Emory University

- Harrison, Mary M., **Librarian II**..... 1987
B.S., Jacksonville State; M.E.D., Auburn University, M.L.S., University of Alabama
- Hauf, Kandice J., **Assistant Professor of History**..... 1987
B.A., George Washington University; Magister, University of Vienna; M.A., University of Hawaii; Ph.D., Yale 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., **Assistant Professor of Economics**..... 1985
B.S., M.S., University of Wisconsin; Ph.D., Washington University
- Heier, Jan Richard, **Assistant Professor of Accounting**..... 1986
B.S., M.B.A., University of Wisconsin; D.B.A., Mississippi State University; CPA
- Hill, Blanche B., **Assistant Professor of Physical Sciences**..... 1976
B.S., M.Ed., Alabama State University
- Hill, Joseph B., **Dean of School of Sciences and Associate Professor of Mathematics**..... 1969
B.A., M.A., Washington State University; Ph.D., Auburn University
- Hill, Patricia N., **Head of Department of English and Associate Professor of English**..... 1971
A.B., Spring Hill College; M.A., Ph.D., Auburn University
- Ho, Jane Y., **Librarian II, Systems and Operations**..... 1983
B.A., Soochow University; M.L.S., George Peabody College
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- Hollis, Debra, **Assistant Professor of Management**..... 1985
B.A., Birmingham-Southern College; J.D., University of Alabama School of Law
- Honan, Ava S., **Assistant Professor of Information System and Decision Science**..... 1981
B.S., Georgia Institute of Technology; M.B.A., Auburn University at Montgomery; C.D.E.
- Honey, William C., **Assistant Professor of Management**..... 1985
B.A., University of the South; J.D., Washington University
- Houser, Henry F., **Associate Professor of Management**..... 1978
B.S., North Carolina State; M.S., University of Texas; M.S., University of Missouri; Ph.D., St. Louis University
- Huang, Cheng-Chi, **Assistant Professor of Mathematics**..... 1984
B.S., Taiwan Normal University; M.S., Auburn University; Ph.D., Iowa State University

- Huang, Alan J., **Assistant Professor of Information Systems and Decision Science**..... 1984
B.S., Tunghai University; M.S., Stanford University; Ph.D., Auburn University
- Ingram, Jerry J., **Associate Professor of Marketing**..... 1970
B.S., M.A., University of Alabama; Ph.D., University of Arkansas
- Jensen, Suzanne, **Assistant Professor of Fine Arts** 1987
B.A.F., Indiana State University; M.F.A., Tulane University
- 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., **Assistant Professor of English** 1985
B.A., University of Southern Mississippi; M.A., University of Mississippi; Ph.D., University of South Carolina
- Jones, Michael A., **Assistant Professor of Marketing**..... 1987
B.A., M.S., Louisiana State University; Ph.D., University of Missouri
- Judd, Vaughan C., **Assistant Professor of Marketing** 1986
B.S., Rochester Institute of Technology; M.S., University of Rochester
- Kamnikar, Judith, **Head of Department of Accounting and Finance and Associate Professor of Accounting**..... 1985
B.S., M.S.B.A., Northern Illinois University; Ph.D., University of Denver; CPA
- Katz, Judd A., **Assistant Director of Graduate Studies and Associate Professor of Psychology**..... 1973
B.A., M.A., Arizona State University; Ed.D., University of Georgia
- Kent, Martha, **Instructor of Accounting** 1984
B.S.B.A., M.B.A., Auburn University; CPA
- King, Renee Iola, **Assistant Professor of Nursing**..... 1986
B.S.N., University of Alabama; M.S.N., University of Alabama in Birmingham
- Kline, Teri A., **Instructor of Marketing** 1986
B.A., Auburn University; M.B.A., Auburn University at Montgomery
- Lacy, Allen Wayne, **Head of Department of Economics and Professor of Economics**..... 1976
B.S., M.S., Auburn University; Ph.D., Iowa State University
- Lake, Robert C., **Professor of Accounting** 1971
B.S., M.B.A., University of New Orleans; DBA, Louisiana Tech University; CPA; CDP; CIA; CMA
- Lett, Samuel L., **Associate Professor of Accounting**..... 1976
B.S., Huntingdon College; M.A., University of Alabama; Ph.D., University of South Carolina; CPA
- Liddell, Will L., Jr., **Associate Professor of Mathematics and Pre-Engineering and Coordinator of Engineering**..... 1976
B.M.E., M.S., Auburn University; Ph.D., North Carolina State University
- Long-Hall, Carolyn K., **Assistant Professor of Psychology**..... 1974
B.S., Auburn University; B.A., Auburn University at Montgomery; M.S., University of Georgia

- Maertens, Norbert, **Dean of School of Education and Professor of Education**..... 1978
B.S., Mankato State University; M.A., Ph.D., University of Minnesota
- Mahaffy, Christopher A.L., **Associate Professor of Physical Sciences**..... 1981
B.Sc., The Northern Ireland Polytechnic; Ph.D., University of Strathclyde
- Maier, Jerry L., **Assistant Professor of Information Systems and Decision Science**..... 1985
B.S., University of Tennessee; M.S., Colorado State University
- Marcus, Martha Ann, **Assistant Professor of Social Work**..... 1974
B.S., Florence State University; M.S.W., Louisiana State University
- Marks, Daniel G., **Assistant Professor of Mathematics**..... 1980
B.S., M.S., California Institute of Technology; Ed.D., Auburn University
- Martin, John B., **Librarian II, Systems and Operations**..... 1986
B.M., Westminster College; M.M.(Organ), University of Oklahoma; M.S.L.S., University of Illinois
- Martin, Larry, **Professor of Education**..... 1976
B.P.E., M.S., Ph.D., Purdue University
- McClurg, Verne H., **Head of Department of Justice and Public Safety and Associate Professor of Justice and Public Safety** 1982
B.S., Northern Arizona University; M.A., Washington State University; Ph.D., University of Nebraska
- McDevitt, Carl D., **Head of Department of Information Systems and Decision Sciences and Associate Professor of Information Systems and Decision Science** 1975
B.A.A., M.S., Auburn University; Ph.D., University of Georgia
- McElroy, Derwyn, **Associate Professor of Education** 1976
B.S., Florida State University; M.Ed., Ed.D., Auburn University
- McGukin, John Drew, **Assistant Professor of Communication** 1987
B.A., Freed-Hardeman College; M.A., Murray State University; Ph.D., University of Nebraska-Lincoln
- McKee, Dorothy Webb, **Instructor of Biology** 1974
B.A., Agnes Scott College; M.S., University of Tennessee
- Medley, Jerry Morgan, **Assistant Professor of Communication**..... 1981
B.A., University of Alabama; M.A., Pennsylvania State University
- Michael, Marion C., **Dean of School of Liberal Arts and Professor of English**..... 1982
B.A., University of Georgia; M.A., University of Virginia; Ph.D., University of Georgia
- Mills, Richard, **Associate Professor of Fine Arts**..... 1979
B.F.A., M.F.A., University of Tennessee
- Moberly, H. Dean, **Professor of Economics** 1970
B.S., Abilene Christian College; M.S., Texas Tech University; Ph.D., Texas A & M University
- Molock, Sherry, **Assistant Professor of Psychology**..... 1986
A.B., Dartmouth College; M.A., Ph.D., University of Maryland

- Moody, Bradley, **Associate Professor of Political Science and Public Administration** 1972
B.A., Southwest Texas State College; Ph.D., University of Texas
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B.A., Trinity University; M.A., University of Texas
- Morton, Gerald, **Assistant Professor of English** 1982
B.A., Emory and Henry College; M.A., Georgia Southern College;
Ph.D., University of Tennessee in Knoxville
- Murdoch, James C., **Assistant Professor of Economics** 1986
B.S., Grand Valley State College; Ph.D., University of Wyoming
- Nance, Guinevera A., **Vice Chancellor for Academic Affairs and Professor of English** 1971
B.A., Texas Christian University; M.A., Ph.D., University of Virginia
- Nanney, Jimmy R., **Associate Professor of Mathematics** 1970
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- Nivens, Maryruth K., **Head of Department of Educational Foundations, Secondary and Counselor Education and Professor of Education** 1975
B.S., Denver University; M.S., Ph.D., Purdue University
- Nowell, William, **Associate Professor of Mathematics** 1981
B.S., Georgia Institute of Technology; M.A., University of Maryland;
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- Nunnelley, Joan G., **Instructor of Mathematics** 1986
B.S., University of North Alabama; M.A., University of Alabama in Huntsville
- Okia, Nathan O., **Associate Professor of Biology** 1979
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- Owens, James, **Assistant Professor of Biology** 1975
B.S., University of Alabama; M.S., Auburn University; Ph.D., University of Alabama, Birmingham
- Palmer, Chester I., **Professor of Mathematics and Director of Freshman Mathematics** 1974
A.B., Dartmouth College; M.A., Cornell University; M.Phil., Yale University; Ed.D., Auburn University
- Prmaloff, Anne, **Professor of Political Science and Public Administration** 1975
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- Portis, Sarah C., **Assistant Professor of Education** 1973
B.S., M.Ed., Mississippi State 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
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B.A., M.A., Memphis State University; M.S.S.W., University of Tennessee
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- Richardson, William S., **Professor of Physical Sciences** 1977
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B.S., M.B.A., Florida Atlantic University; Ph.D., University of Arkansas; CPA
- Russell, Randy D., **Instructor of Physical Sciences** 1984
B.S., Cameron University; M.S., Iowa State University
- Ryali, Rajagopal, **Associate Professor of Anthropology and Geography**.... 1981
B.A., Honours, Presidency College, Madras; M.A., University of Madras, India; A.M., Ph.D., Duke University
- Sadowski, Cyril J., **Associate Professor of Psychology** 1983
B.A., University of Illinois; M.S., Ph.D., University of Georgia
- Saur, Pamela S., **Assistant Professor of English and German**..... 1984
B.A., M.A., Ph.D., University of Iowa; M.Ed., University of Massachusetts
- Sauser, William I., Jr., **Head of Department of Management and Professor of Management**..... 1984
B.S., M.S., Ph.D., Georgia Institute of Technology
- Sayers, David L., **Assistant Professor of Accounting**..... 1985
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- Schlotterback, Darrell L., **Associate Professor of Justice and Public Safety**..... 1975
B.S.C., University of Iowa; M.S., Florida State University; J.D., University of Alabama Law School
- Schrader, George D., **Professor of Justice and Public Safety**..... 1977
B.S., J.D., University of Kentucky; M.B.A., University of Dayton; M.P.S., Auburn University; M.P.A., Auburn University at Montgomery
- Schwarz, Joseph E., **Head of Department of Fine Arts and Professor of Fine Arts** 1977
B.F.A., Ohio Wesleyan University; M.F.A., University of Illinois; Ph.D., Ohio State University
- Schweers, John C., Jr., **Instructor of Education and Sports Information Coordinator** 1978
B.A., College of Charleston; M.Ed., Georgia Southern College
- Self, Donald R., **Head of Department of Marketing and Associate Professor of Marketing** 1985
B.A., Pan American University; M.B.A., Texas A & I University; D.B.A., Louisiana Tech University

- Sharp, Paul M., **Assistant Professor of Sociology** 1983
B.S., Northeastern State University; M.S., Ph.D., Oklahoma State University
- Sheldon, Craig T., Jr., **Assistant Dean of Liberal Arts and Associate Professor of Anthropology** 1977
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- Shook, Lyle L., **Assistant Professor of Justice and Public Safety** 1984
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- Simpson, Fred Morgan, **Associate Professor of Education** 1974
B.S., M.Ed., Auburn University; Ed.D., Memphis State University
- Simpson, Pamela, **Instructor of French** 1987
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- Slattery, Patrick D., **Associate Professor of Psychology** 1972
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- Smith, Furman, **Associate Professor of Mathematics** 1982
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- Smiley, Mark D., **Instructor of Mathematics** 1983
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- Sterkx, H.E., **Professor Emeritus of History** 1969
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B.A., Brescia College; M.A., Rice University; Ph.D., University of Arkansas
- Sticka, Garry A., MSG, IN, **Senior Drill Instructor** 1984
- Stockard, James W., Jr., **Assistant Professor of Education** 1987
B.A., M.Ed., Northwestern Louisiana State University; Ed.D., Louisiana State University
- Swansburg, Russell C., **Professor of Nursing** 1986
R.N., Nova Scotia Hospital; B.S., Case-Western Reserve University; M.A., Teachers College Columbia University; Ph.D., University of Mississippi
- Tanner, Charlotte L., **Instructor of Biology** 1982
B.S., M.S., Wayne State University
- Taylor, Patricia Lloyd, **Associate Professor of Nursing** 1986
R.N., Washington University St. Louis; B.S.N., University of Evansville; M.S.N., Duke University; Ph.D., University of Pittsburgh
- Teggins, John E., **Head of Department of Physical Sciences and Professor of Physical Sciences** 1971
B.Sc., Sheffield University; M.A., Ph.D., Boston University
- Thomas, M. Carolyn, **Associate Professor of Education** 1985
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- Thomas, Nicholas C., **Assistant Professor of Physical Sciences** 1985
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Thompson, Linda W., Instructor of Nursing	1983
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Thompson, Peter, Assistant Professor of Fine Arts	1987
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Tims, Betty J., Librarian II, Collection Management and Special Services	1983
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Troynaski, John, Instructor of English	1981
B.A., Washington Square College, NYU; M.A., University of Chicago	
Tsai, Yourdon, Y.T., Assistant Professor of Information Systems and Decision Science	1985
B.L., National Cheng-Chi University; M.B.A., Eastern New Mexico University	
Vocino, Thomas J., Head of Department of Political Science and Public Administration and Professor of Political Science and Public Administration	1974
B.S., M.S., University of Wisconsin-Milwaukee; Ph.D., Southern Illinois University	
Walcott, Michael, Instructor of Economics	1983
B.S., Tuskegee Institute; M.S., Auburn University	
Walden, John D., Professor of Education	1988
B.A., University of California at Los Angeles; M.A., California State University at Los Angeles; Ph.D., Claremont Graduate School	
Walker, David, Associate Professor of Philosophy	1980
B.E.E., Auburn University; M.A., Ph.D., Florida State University	
Walker, Robbie Jean, Associate Professor of English and Director of Learning Center	1979
B.S., Alabama A & M; M.Ed., Alabama State University; Ed.D., Auburn University	
Ward, Louvenia, Assistant Professor of Nursing	1986
B.S.N., Andrews University; M.S.N., St. Xavier College	
Warren, Janet Shell, Associate Professor of Education	1974
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Wells, Raymond B., Director of Center for Government and Public Affairs and Associate Professor of Political Science and Public Administration	1974
B.A., M.A., Mississippi State University; Ph.D., Texas Tech University	
White, Randall K., Associate Professor of Management	1983
B.B.A., University of Hawaii; M.S.B.A., The George Washington University; Ph.D., University of Arkansas	
Wieseman, Robert, Associate Professor of Education	1979
B.A., Catholic University of America; M.A., Ed.D., University of Kentucky	
Wilbourn, Macon, Assistant Professor of Finance	1982
B.S.B.A., M.B.A., University of Alabama; D.B.A., Mississippi State University	

- Wilkinson, Nancy, **Assistant Professor of Nursing** 1987
B.S.N., University of North Alabama; M.S.N., University of Alabama in Birmingham
- Willard, Julia L., **Associate Professor of Education** 1972
B.S., B.A., Jacksonville State University; M.Ed., Ed.D., Auburn University
- Williams, Benjamin B., **Professor of English** 1969
A.B., M.A., University of Alabama; Ph.D., Vanderbilt University
- Williams, James O., **Chancellor and Professor of Education** 1969
B.S., M.Ed., Ed.D., Auburn University
- Williford, Henry (Hank) N., Jr., **Assistant Professor of Education** 1983
B.S., M.Ed., Auburn University; A.A., Ed.D., University of Alabama
- Willis, Susan, **Associate Professor of English** 1978
B.A., Emory University; M.A., Ph.D., University of Virginia
- Wilson, Thomas M., **Assistant Professor of Political Science and Public Administration** 1983
B.A., Mississippi State University; M.A., Ph.D., University of Tennessee
- Witherspoon, Arnold D., **Instructor of Psychology** 1971
B.A., M.S., Auburn University
- Witherspoon, Bennita, **Instructor of Nursing** 1985
B.S.N., University of Alabama; M.S.N., Troy State University
- Wolfe, Virginia, **Associate Professor of Communication** 1983
B.S., M.A., Ph.D., Ohio State University
- Wolfinger, Donna, **Associate Professor of Education** 1980
B.S., Clarion State College; M.Ed., Ed.D., Pennsylvania State University
- Woods, Paul C., **Head of Department of Mathematics and Associate Professor of Mathematics** 1972
B.A., M.S., Ph.D., Florida State University
- Wozniak, Peter, **Assistant Professor of History** 1987
B.S.F.S., Georgetown University; B.S.F.S., University of Marburg (West Germany); M.A., Ph.D., Indiana University

ADJUNCT FACULTY-UNDERGRADUATE

- Adams, Jimmie Lee., **Adjunct Instructor of Physical Sciences**..... 1978
B.S., Alabama State University; M.S., University of North Dakota
- Adams, Rita, **Adjunct Clinical Instructor of Medical Technology in Immunohematology and Serology** 1985
B.S., Troy State University; M.T.(ASCP), St. Margaret's School of Medical Technology
- Alderman, J. Kenneth, **Adjunct Instructor of Accounting** 1979
B.S., Auburn University; M.B.A., Florida State University; CPA
- Archer, David B., **Adjunct Instructor of Mathematics** 1982
B.S., M.Ed., Auburn University
- Askew, India P., **Adjunct Instructor of Mathematics** 1982
B.S., University of Alabama; M.Ed., Shippensburg State College
- Baggiano, Anthony L., **Adjunct Instructor of Mathematics** 1976
B.S., The Citadel; M.S., Texas A & M University
- Baker, Emily, **Adjunct Instructor of Biology** 1979
B.S., Auburn University; M.S., Auburn University at Montgomery
- Barber, Brenda, **Adjunct Assistant Professor of Sociology** 1979
B.A., Huntingdon College; M.Ed., Auburn University at Montgomery
- Barfield, Bonnie, **Adjunct Clinical Instructor of Medical Technology in Immunohematology and Serology** 1979
B.S., Troy State University; M.T.(ASCP), Medical Center of Columbus, Georgia
- Barker, Edna G., **Adjunct Clinical Instructor of Medical Technology in Microbiology** 1979
B.S., M.T.(ASCP), Medical College of Virginia
- Barker, Jimmy, **Adjunct Instructor of Mathematics** 1981
B.S., M.Ed., Ed.S., Alabama State University; M.B.A., Auburn University at Montgomery
- Barton, Kathy J., **Adjunct Instructor of Education**..... 1986
B.S., Florida State University; M.Ed., Auburn University at Montgomery
- Beauchamp, Nina W., **Adjunct Assistant Professor of Education** 1986
B.S., Alabama State University; M.S., Ph.D., Purdue University
- Beckstrom, Edward A., **Adjunct Instructor of Sociology** 1986
B.A., California State University; M.D., Pacific Lutheran Theological Seminary; M.A., Chapman College
- Belcher, Milton E., **Adjunct Instructor of Justice and Public Safety** 1980
B.S., Tuskegee Institute; J.D., University of Alabama; M.S., Auburn University at Montgomery
- Bell, John S., **Adjunct Instructor of Communication**..... 1981
B.A., Huntingdon College; M.A., Auburn University at Montgomery
- Blanchard, Richard, **Adjunct Assistant Professor of Physical Sciences** 1978
B.S., Kansas State College; M.S., Vanderbilt University; Ph.D., Washington University

- Blocker, Suzanne D., **Clinician, Speech and Hearing Clinic**..... 1980
B.S., Auburn University; M.A., University of Alabama
- Bogie, Cheryl, **Adjunct Assistant Professor of Sociology**..... 1983
B.S., Auburn University at Montgomery; M.Ed., Ed.D., Auburn University
- Boone, Oliver C., **Adjunct Instructor of Fine Arts** 1986
B.A., Troy State University
- Boswick, Jackson L., **Adjunct Instructor of Theatre** 1988
B.S., University of Alabama; M.F.A., University of Southern California
- Bovinett, Simon, **Adjunct Instructor of Fine Arts**..... 1984
B.A., Auburn University at Montgomery
- Bowen, Donald C., **Adjunct Instructor of Education** 1987
B.S., University of Alabama; M.Ed., Auburn University at Montgomery
- Bozeman, James, **Adjunct Instructor of Mathematics**..... 1975
A.B., Huntingdon College; M.Ed., Auburn University
- Bradwell, John J., **Adjunct Instructor of Communication** 1983
B.A., Simpson College; M.S., Florida State University
- Broadway, Jon Alan, **Adjunct Assistant Professor of Physical Sciences** 1978
B.M.E., M.S., Auburn University; Ph.D., Purdue University
- Brogan, Sandra L., **Adjunct Instructor of English**..... 1986
B.A., Boston University; M.A.T., Brown University
- Brooks, Carolyn C., **Adjunct Instructor of Political Science and Public Administration** 1984
B.S., Huntingdon College; M.A., Auburn University
- Brown, Nancy G., **Adjunct Instructor of Communication**..... 1987
B.S., M.S., Southern Illinois University
- Brown, Twanna M., **Adjunct Instructor of Biology** 1984
B.S., Jacksonville State University; M.S., Tuskegee Institute
- Browning, Clifton V., Jr., **Adjunct Instructor of English**..... 1983
B.S., M.Ed., Troy State University
- Buchanan, Burt P., **Adjunct Instructor of Communication**..... 1987
B.A., Auburn University at Montgomery
- Callan, William J., **Adjunct Assistant Professor of Biology**..... 1975
B.S., University of Arkansas; Ph.D., University of Georgia
- Callis, Robert, **Adjunct Instructor of Physical Sciences** 1980
B.S., University of Cincinnati; M.S., University of Miami
- Cannon, Paula, **Adjunct Instructor of Mathematics** 1980
B.S., University of Alabama; M.Ed., Auburn University at Montgomery
- Carastro, Marie F., **Adjunct Instructor of Biology**..... 1982
B.S., M.S., University of Alabama
- Chance, James Edmond, **Adjunct Instructor of Education**..... 1983
B.S., M.S., Auburn University at Montgomery
- Chandler, Susan, **Adjunct Instructor of Biology** 1981
B.S., Jacksonville State University; M.S., Auburn University

Adjunct Faculty	241
Chase, David, Adjunct Instructor of Archaeology	1972
New York Military Academy; Attended University of Rochester	
Ciezenski, Dennis, Adjunct Instructor of Economics	1983
B.S., Florida State University; M.B.A., Golden State University	
Cole, Kenneth, Adjunct Clinical Instructor/Coordinator of Medical Technology	1979
B.S., Lamar University; M.S., Wayne State University	
Coley, Betsy S., Adjunct Instructor of Fine Arts	1984
B.A., University of South Carolina; M.S., Auburn University at Montgomery	
Conely, James H., Adjunct Assistant Professor of English	1984
B.A.E., M.Ed., University of Florida; Ed.D., Columbia University Teachers College	
Conely, Katherine, Adjunct Instructor of English	1981
B.A., Beloit College; M.S., Troy State University	
Cooper, Barbara, Adjunct Clinical Instructor/Coordinator of Medical Technology	1985
B.S., University of Alabama; M.T.(ASCP), Carraway Methodist Hospital	
Cranfield, Susan, Adjunct Instructor of English	1981
B.S., Huntingdon College; M.Ed., Auburn University at Montgomery	
Cravey, Paula D., Adjunct Instructor of Education	1982
B.S., M.Ed., Auburn University	
Crawley, Ronald, Adjunct Instructor of Sociology	1984
B.A., Louisiana Tech; M.A., St. Mary's University	
Cuchens, Patricia S., Adjunct Instructor of English	1986
B.A., M.A.T., University of West Florida	
Daly, Becky, Adjunct Clinical Instructor of Medical Technology in Hematology and Coagulation	1985
B.S., Troy State University; M.T.(ASCP), St. Margaret's School of Medical Technology	
Dantzler, Joyce E., Adjunct Instructor of Education	1985
B.S., Indiana University; M.A., Auburn University at Montgomery	
Davis, Barbara, Adjunct Clinical Instructor of Medical Technology in Microbiology and Parasitology	1979
B.S., University of Alabama; M.T.(ASCP), University of Alabama Hospital Clinics	
Davis, Jannie, Adjunct Librarian, Reference and Instructional Services	1985
B.S., South Carolina State College; M.L.S., Atlanta University	
Davis, John W. III, Adjunct Instructor of Justice and Public Safety	1983
B.A., University of Alabama; J.D., Cumberland School of Law	
Day, Ken, Adjunct Instructor of Physical Education	1984
B.S., Jacksonville State University	
Donaldson, Martha, Adjunct Instructor of Mathematics	1980
B.S., Troy State University; M.S., Ed.S., Auburn University at Montgomery	

- Doucet, Carol A., **Adjunct Instructor of Education**..... 1984
B.S., M.Ed., Ed.S., Auburn University at Montgomery
- Dudle, Janice M., **Adjunct Instructor of English** 1983
B.S., M.S., University of Wisconsin
- East, Theron, Jr., **Adjunct Assistant Professor of Education**..... 1982
B.S., Jacksonville State University; M.A., Ed.D., University of Alabama
- Ellington, Coke A., **Adjunct Instructor of Communication** 1986
B.A., M.A., University of Georgia
- Elrod, Charlsia Katherine, **Adjunct Instructor of Education** 1986
B.S., Louisiana State University; M.Ed., Auburn University at Montgomery
- Evans, Daniel K., **Adjunct Instructor of Information Systems**..... 1978
B.A., University of North Alabama; M.A., University of Alabama
- Everett, Gregg B., **Adjunct Instructor of Management** 1985
B.S., M.Ed., Auburn University; J.D., University of Alabama
- Faulkner, Delane, **Adjunct Instructor of Physical Education** 1986
B.S., Judson College
- Felton, Kathy, **Adjunct Clinical Instructor of Medical Technology in Hematology and Coagulation** 1980
B.S., Fairleigh Dickinson University; M.T.(ASCP), Horton Hospital at Middletown New York
- Firkatian-Wozniak, Mari Agop, **Adjunct Instructor of History**..... 1987
B.A., University of Connecticut; Troisieme Degree, University of Rouen; M.A., Indiana University
- Fulgham, John A., **Adjunct Instructor of Education**..... 1980
B.S., Huntingdon College; M.Ed., University of Montevallo; Ed.S., Auburn University at Montgomery
- Gates, Darryl A., **Adjunct Instructor of Communication** 1984
B.A., Auburn University at Montgomery
- Golden, Catherine, **Adjunct Clinical Instructor of Medical Technology in Microbiology**..... 1980
B.S., Auburn University; M.T.(ASCP), Tallahassee Regional Medical Center
- Greenwell, Michelle, **Adjunct Clinical Instructor of Medical Technology in Special Chemistry** 1985
B.S., Huntingdon College; M.T.(ASCP), Baptist School of Medical Technology
- Gregorowicz, Jeanne L., **Adjunct Instructor of Information Systems and Decision Science** 1987
B.S., M.S., Northern Illinois University
- Gregory, Edith P., **Adjunct Instructor of Medical Technology** 1979
B.A., Huntingdon College; M.T.(ASCP), St. Margaret's Hospital School of Medical Technology
- Grigsby, Linda, **Adjunct Instructor of English**..... 1986
B.S., M.A., Ball State University
- Guy, Fred, **Adjunct Instructor of Mathematics**..... 1968
B.S., M.Ed., Auburn University

- Hall, Charlene Gordon, **Adjunct Instructor of Social Work**..... 1977
B.A., M.A., Auburn University at Montgomery
- Hall, Jana L., **Adjunct Instructor of Communication** 1987
B.A., Trevecca Nazarene College; M.A., University of Nebraska
- Hall, Joy, **Adjunct Assistant Professor of History** 1984
B.A., Alabama Polytechnic Institute/Auburn; M.A., Ph.D., Auburn University
- Hall, Mary F., **Adjunct Instructor of Biology** 1979
B.S., M.S., Auburn University
- Hall, Randall D., **Adjunct Instructor of Education** 1987
B.S., Troy State University; M.Ed., Troy State University at Montgomery
- Hampton, James F., **Adjunct Instructor of Management** 1980
B.S., University of Alabama; J.D., Cumberland School of Law
- Handley, Vicki Hanson, **Adjunct Instructor of Education** 1984
B.S., M.S., Auburn University
- Hare, Kenneth M., **Adjunct Instructor of Communication** 1983
B.A., University of South Carolina
- Harris, Patricia A., **Adjunct Clinical Instructor/Coordinator of Medical Technology in Management and Immunohematology** 1979
B.S., Auburn University; M.T.(ASCP), S.B.B., Caraway Methodist School of Medical Technology; M.B.A., Auburn University at Montgomery; Specialist in Blood Banking
- Harrison, Judith, **Adjunct Instructor of English** 1984
B.S., M.Ed., Auburn University at Montgomery
- Hart, Charlyne M., **Adjunct Instructor of Education** 1987
B.A., Mississippi College; M.S.Ced., Auburn University at Montgomery
- Hart, Ross V., **Adjunct Assistant Professor of Education**..... 1974
B.S., Mississippi College; M.S., Ph.D., Mississippi State University
- Hatfield, Terrell W., **Adjunct Instructor** 1979
B.S., William Carey College; M.B.A., University of West Florida
- Hicks, Linda S., **Adjunct Instructor of Mathematics**..... 1979
B.S., Auburn University; M.Ed., Auburn University at Montgomery
- Holmgren, Nancy, **Adjunct Clinical Instructor of Medical Technology in Chemistry**..... 1985
B.S., Troy State University; M.T.(ASCP), St. Margaret's School of Medical Technology
- Holston, Richard M., **Adjunct Instructor of Information Systems**..... 1984
B.S., Troy State University; M.S., University of Alabama-Huntsville
- Hundley, Diane, **Adjunct Clinical Instructor of Medical Technology in Chemistry**..... 1979
B.S., Troy State University; M.T.(ASCP), St. Margaret's School of Medical Technology

- Hyland, Arthur W., **Adjunct Assistant Professor of Justice and Public Safety**..... 1973
Graduate of Laws, Virginia College of Laws; B.G.S., M.S.C.J., Auburn University at Montgomery
- Jenkins, Ned J., **Adjunct Instructor and Research Associate of Anthropology**..... 1983
B.A., M.A., University of Alabama
- Johnson, Marilyn V., **Adjunct Instructor of Mathematics** 1988
B.S., M.S., Jacksonville State University
- Johnson, Patricia, **Adjunct Clinical Instructor of Medical Technology** 1980
B.S., Livingston University; M.T.(ASCP), Providence School of Medical Technology; Specialist in Hematology
- Johnson, Paul E., **Adjunct Instructor of Management**..... 1984
J.D., University of Alabama; LL.M., University of Florida
- Johnson, Wyvonne W., **Adjunct Clinical Instructor/Coordinator of Medical Technology in Management and Clinical Chemistry** 1979
B.S., Auburn University at Montgomery; M.S., Auburn University; Specialist in Chemistry
- Joiner, Clarence M., **Adjunct Instructor of Education**..... 1986
B.S., M.A., Ed.D., University of Alabama
- Jones, Kathy, **Adjunct Clinical Instructor of Medical Technology in Immunohematology**..... 1980
B.S., M.S., Auburn University; M.T.(ASCP), Baptist Medical Center School of Medical Technology
- Jones, Ronald, **Adjunct Assistant Professor of Sociology** 1984
B.S., University of Evansville, Indiana; M.A., Ph.D., University of Missouri
- Karst, Karen, **Adjunct Clinical Instructor of Medical Technology in Chemistry**..... 1979
B.S., University of Alabama; M.T.(ASCP), Druid City Hospital School of Medical Technology
- Kennedy, Deborah L., **Adjunct Instructor of Political Science and Public Administration**..... 1980
B.A., University of North Alabama; M.P.S., Auburn University at Montgomery
- Kline, John A., **Adjunct Professor of Communication**..... 1976
B.S., Iowa State University; M.A., Ph. D., University of Iowa
- Klopfenstein, Phillip, **Adjunct Instructor of Fine Arts**..... 1984
B.A., Michigan State University; M.A., Western Michigan University
- Kluz, Theodore M., **Adjunct Instructor of History**..... 1985
A.B., M.A., Temple University
- Lindsay, Earl G., **Adjunct Instructor of Communication**..... 1984
B.S., Georgia Institute of Technology; M.A., University of Alabama
- Lockett, Carol B., **Adjunct Instructor of Biology**..... 1982
B.S., University of Montevallo; M.Ed., Auburn University at Montgomery

Adjunct Faculty	245
Lushington, Marsha, Adjunct Clinical Instructor/Coordinator of Medical Technology in Management and Chemistry	1985
B.S., Auburn University; M.T.(ASCP), Baptist School of Medical Technology; Specialist in Clinical Chemistry	
Mann, Harold R., Adjunct Instructor of Information Systems	1983
B.S., Auburn University; M.B.A., Auburn University at Montgomery	
Maples, Mary Lou J., Adjunct Assistant Professor of Education	1987
B.S., Auburn University; M.Ed., University of Mississippi; Ed.D., University of Tennessee	
Martin, Virginia, Adjunct Assistant Professor of Education	1985
A.B., University of Montevallo; M.S., Troy State University and Auburn University at Montgomery; Ed.D., Auburn University	
Mason, Bob, Adjunct Instructor of English	1982
B.A., M.A., University of Alabama	
Mason, Martha E., Adjunct Instructor of Mathematics	1983
B.S., Auburn University; M.Ed., Georgia State University	
McCall, Mary H., Adjunct Instructor of Communication	1986
B.S., Alabama State University; M.A., University of Alabama	
McElvaine, Bertram, Adjunct Clinical Instructor of Medical Technology in Microbiology	1985
B.S., M.T.(ASCP), Auburn University at Montgomery School of Medical Technology	
McGraw, Sharlene, Adjunct Clinical Instructor of Medical Technology in Immunohematology	1985
B.S., Auburn University at Montgomery; M.T.(ASCP), Baptist School of Medical Technology	
McKiearnan, Cheryl, Adjunct Instructor of English	1985
B.A., Auburn University at Montgomery; M.A., University of Virginia	
McLain, James A., Adjunct Instructor of Management	1980
B.A., Auburn University; J.D., Cumberland School of Law	
Medley, Karen, Adjunct Clinical Instructor of Medical Technology in Hematology and Coagulation	1980
B.S., University of West Florida; M.T.(ASCP), Baptist Hospital at Pensacola Florida	
Meekins, Carol J., Adjunct Instructor of Communication	1987
B.S., University of Illinois	
Merrill, William R., Adjunct Instructor of Justice and Public Safety	1981
B.S., M.P.A., University of Alabama	
Michelson, Barton J., Adjunct Assistant Professor of Management	1986
B.A., M.A., Ph.D., Ohio State University	
Miller, Joe Hal, Adjunct Assistant Professor of Education	1979
B.S., Wayne State University; M.A., University of Michigan; Ed.D., Indiana University	
Miller, Linda, Adjunct Instructor of English	1979
B.S., M.Ed., Auburn University at Montgomery	
Mills, Bruce D., Adjunct Instructor of Economics	1980
B.S., Lincoln Memorial University; M.B.A., University of Missouri	

- Mills, Ceil R., **Adjunct Instructor of English**..... 1986
B.A., Huntingdon College; M.A.T., Auburn University
- Montgomery, Nancy R., **Adjunct Instructor of Medical Technology**..... 1979
B.A., Judson College; M.T., Baptist Medical Center, School of Medical Technology
- Morgan, Nancy, **Adjunct Clinical Instructor of Medical Technology in Microbiology and Parasitology**..... 1985
B.S., Montevallo College; M.T.(ASCP), St. Margaret's School of Medical Technology
- Morris, William R., **Adjunct Assistant Professor of History**..... 1984
B.S., Alabama State University; M.A., University of Michigan; Ph.D., Kansas State University
- Morrow, Angela, **Adjunct Instructor of Biology**..... 1980
B.S., Birmingham-Southern College; M.S., Auburn University
- Murphy, Willard F., Jr., **Adjunct Instructor of Communication**..... 1980
B.A., M.A., University of Alabama
- Newman, Pamela, **Adjunct Clinical Instructor of Medical Technology in Hematology and Coagulation** 1985
B.S., Auburn University; M.T.(ASCP), St. Margaret's School of Medical Technology
- Newton, Wesley P., **Adjunct Professor of History**..... 1987
A.B., University of Missouri; M.A., Ph.D., University of Alabama
- Nobles, Sylvia, **Adjunct Instructor of Physical Education** 1986
B.S., Troy State University; M.S., University of Alabama
- Oravet, Glory Ann, **Adjunct Instructor of Accounting**..... 1986
B.S., M.B.A., Jacksonville State University; CPA; CMA; CIA
- O'Rourke, James S., IV., **Adjunct Professor of Communication** 1986
B.A., University of Notre Dame; M.A., University of New Mexico; M.S., Temple University; Ph.D., Syracuse University
- Oswalt, Talmadge, **Adjunct Associate Professor of Education**..... 1974
B.S., University of Alabama; M.T.A., Montevallo University; Ed.D., Auburn University
- Parker, Lyl, **Adjunct Instructor of Biology**..... 1980
B.S., Emory University; M.T., Baptist Medical Center, Jacksonville, Florida
- Parker, Marian, **Adjunct Instructor of English** 1984
B.A., Georgia Southwestern College; M.S., Auburn University at Montgomery
- Patterson, Alkatrine S., **Adjunct Instructor of Mathematics**..... 1988
B.S., Milwaukee School of Engineering
- Petry, Forest H., **Adjunct Associate Professor of Education**..... 1985
B.A., M.A., Ph.D., The University of Alabama
- Pettit, Paul E., **Adjunct Instructor of Physical Sciences** 1985
B.S., Lamar University; Meteorologist-in-charge, Montgomery Weather Station
- Pickering, Elizabeth C., **Adjunct Associate Professor of History** 1987
B.A., North Texas State University; M.A., Ph.D., Princeton University

Adjunct Faculty	247
Pressley, Catherine W., Adjunct Instructor of Mathematics	1982
B.S., M.Ed., Auburn University at Montgomery	
Price, Connie, Adjunct Instructor of Philosophy	1984
B.A., William Jewell College; M.A., Ph.D., The Pennsylvania State University	
Racey, Sylvia, Adjunct Clinical Instructor of Medical Technology in Chemistry	1980
B.S., Auburn University; M.T.(ASCP), Baptist Medical Center School of Medical Technology	
Rainey, Joan P., Adjunct Instructor of Mathematics	1985
B.S., University of Dayton; M.A., Ohio State University	
Reeve, Kay Aiken, Adjunct Instructor of History	1986
B.S., M.A., Texas Tech University; Ph.D., Texas A&M University	
Retrou-Weissman, Benedicte, Adjunct Instructor of Foreign Language	1976
B.A., University of Reames; B.S.F., Memphis State	
Revells, Karl C., Adjunct Assistant Professor of History	1987
B.A., Honors, University of Rhodesia; M.A., Kings College of the University of London; Ph.D., Queens University	
Rice, Roy, Adjunct Assistant Professor of Decision Science	1987
B.S., USAF Academy; M.S., Air Force Institute of Technology; Ph.D., University of Texas	
Robbins, Debra J., Adjunct Instructor of Justice and Public Safety	1983
B.S., M.S., University of Alabama at Birmingham	
Rockwell, Patricia A., Adjunct Instructor of Communication	1984
B.S., M.A., University of Nebraska	
Roush, Kathleen W., Adjunct Instructor of Biology	1982
B.S., Mississippi University for Women; M.S., University of Mississippi	
Rudder, Charles F., Adjunct Assistant Professor	1987
B.A.E., M.E.D., Ed.D., University of Florida	
Rupley, Stan, Adjunct Instructor of English	1980
A.B., Centre College; A.M., Indiana University	
Russell, Judy, Adjunct Clinical Instructor of Medical Technology in Chemistry	1985
B.S., Huntingdon College; M.T.(ASCP), Baptist School of Medical Technology	
Rutherford, Jo Ann L., Adjunct Instructor of Education	1987
B.S., Auburn University; M.S., Jacksonville State University	
Sadowski, Claudette, Adjunct Instructor of English	1983
B.A., Circle University of Illinois; M.A., Austin Peay State University	
Sandretto, Ray, Adjunct Instructor of Education	1986
B.S., Utah State University	
Scarsbrook, Phillip B., Adjunct Instructor of Communication/Art	1985
B.S., Troy State University	
Sellers, Hebert, Adjunct Instructor of Education	1981
B.S., Troy State University; M.S., Auburn University	

- Sensintaffar, Edwin L., **Adjunct Instructor of Physical Sciences**..... 1981
B.S., Southwestern State College; M.S., Texas A & M University
- Shaw, Linda, **Adjunct Clinical Instructor/Coordinator of Medical Technology**..... 1979
B.S., Auburn University; M.T.(ASCP), Carraway Methodist Hospital
- Shows, Deborah, **Adjunct Clinical Instructor of Medical Technology in Immunohematology**..... 1979
B.S., Mississippi State College for Women; M.T.(ASCP), S.B.B., Jones County Community College; Specialist in Blood Banking
- Smidt, Judy, **Adjunct Instructor of Physical Education**..... 1984
Attended Northern Virginia Community College; Currently attends Auburn University at Montgomery
- Smith, George Earl, **Adjunct Instructor of Justice and Public Safety**..... 1984
B.A., Jacksonville State University; J.D., Cumberland School of Law
- Spear, Mary Alice, **Adjunct Instructor of Mathematics**..... 1978
B.S., University of Montevallo; M.Ed., Auburn University at Montgomery
- Speights, Julia L., **Adjunct Instructor of Mathematics** 1982
B.S., M.A., University of Alabama
- Spraggins, Timothy B., **Adjunct Instructor of English** 1986
B.S., M.A., University of Alabama
- Stafford, Gertrude, **Adjunct Instructor of Mathematics** 1978
B.A., Huntingdon College; M.Ed., Texas Tech University
- Sterry, Scott L., **Adjunct Instructor of Education** 1986
B.A., University of Alabama; M.Ed., Auburn University at Montgomery
- Streetman, Deborah P., **Adjunct Instructor of Mathematics**..... 1983
B.S., Auburn University; M.Ed., Ed.S., Auburn University at Montgomery
- Thomas, Kenneth D., **Adjunct Instructor of Management**..... 1984
B.S., Auburn University at Montgomery; M.S., Troy State University
- Thrower, John S., Jr., **Adjunct Instructor of Management**..... 1984
B.A., Auburn University; J.D., Cumberland School of Law
- Traylor, Sarah, **Adjunct Instructor of Physical Education** 1986
B.S., Auburn University; MED, Auburn University at Montgomery
- Volz, Jim, **Adjunct Instructor of Theatre** 1988
B.A., Wright State University; M.A., Bowling Green State University; Ph.D., University of Colorado
- Walker, Dana, **Adjunct Instructor of English** 1981
B.A., Auburn University; M.S., Florida State University
- Ware, Lewis, **Adjunct Assistant Professor of History** 1984
B.A., Middleburg College; M.A., Harvard University; Ph.D., Princeton University
- Warren, Addison Brooks, **Adjunct Instructor of Sociology** 1986
B.A., Huntingdon College; M.S.W., Tulane University

- West, Diane, **Adjunct Clinical Instructor/Coordinator of Medical Technology**..... 1985
B.S., Louisiana State University; M.T.(ASCP),
Baton Rouge General School of Medical Technology; Specialist in
Chemistry
- Wilder, David J., **Adjunct Instructor of Fine Arts**..... 1985
B.A., Auburn University at Montgomery
- Williams, Coleman O., **Adjunct Instructor of History**..... 1983
B.A., M.A., Ph.D., Auburn University
- Williford, E. John, **Adjunct Instructor of Biology**..... 1976
B.A., Huntingdon College; M.S., Iowa State University
- Woodman, Marian, **Adjunct Clinical Instructor of Medical Technology
in Microbiology**..... 1985
B.S., University of Alabama; M.T.(ASCP), St. Margaret's School of
Medical Technology
- Yarbrough, David C., **Adjunct Instructor of Justice and Public Safety**..... 1984
B.S., University of Alabama; J.D., University of Alabama School of
Law



ADMINISTRATIVE STAFF

Anderson, Jeffery, Manager, EDP Operations, Computer Center	1987
B.S., Auburn University at Montgomery	
Barbara, Henry, Systems Support Specialist III, Computer Center	1980
B.S., Ohio State University; M.B.A., University of Alabama	
Beam, Robert P., Manager of University Bookstore	1982
B.A., Auburn University at Montgomery	
Berry, James, Director of Financial Aid	1972
B.S., Auburn University; M.S. Troy State University	
Bleakley, EfElda, Assistant Food Service Manager	1982
Bowden, Carolyn G., Food Service Director	1979
Bridges, Michael R., Coordinator of Alumni Services	1982
B.S., M.P.A., Auburn University at Montgomery	
Butler, Stephen, Manager, EDP Operations, Computer Center	1980
B.A., M.I.S., Auburn University at Montgomery	
Card, Nigel, Coordinator of Student Activities	1987
B.S., Auburn University at Montgomery	
Cargill, James D., Research Associate, Center for Government and Public Affairs	1979
B.S., M.B.A., Syracuse University	
Chapman, Tommie L., Accountant, Accounting	1972
BSBA, Auburn University at Montgomery	
Chitwood, Tracy D., Technical Support Specialist	1985
AA, John Patterson State Technical College	
Cohen, Constance A., Coordinator of Community Relations and Advocacy, Center for Rehabilitation Resources	1982
B.S., M.A., University of Alabama, Birmingham	
Coley, Betsy, Coordinator, Community Services, Continuing Education	1986
B.A., University of South Carolina; M.Pg., Auburn University at Montgomery	
Cook, Jerry, Director, Physical Plant	1986
B.S., Auburn University	
Darity, Elizabeth G., Assistant to the Director, Institutional Advancement	1974
B.G.S., Auburn University at Montgomery	
Davis, Pharis Lee, Jr., Director of Admissions	1973
A.B., Bethany Nazarene College; M.Div., Nazarene Theological Seminary; M.Ed., University of Montevallo	
Douglass, MaryAnne, Comptroller, Accounting	1978
B.A., University of South Florida; M.B.A., Auburn University at Montgomery	

Administrative Staff	251
Dunlavy, Darold, Vice Chancellor for Student Affairs	1971
B.A., M.Ed., University of Montevallo	
Forrer, Daniel A., Budget Analyst, Accounting	1984
B.S., Auburn University at Montgomery	
Gaines, Robin, Athletic Trainer	1986
B.S., M.S., Auburn University	
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B.S., Miles College	
Gorman, Letta D., Director, Center for Rehabilitation Resources	1979
B.A., Huntingdon College	
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B.S., M.B.A., Auburn University at Montgomery	
Gurley, Rex, Program Specialist, Center for Rehabilitation Resources	1986
B.S., M.Ed., Auburn University	
Hatch, Ann M., News Services Coordinator, University Relations	1983
B.A., Auburn University at Montgomery	
Heninger, Susan M., Project Specialist, Center for Business and Economic Development	1983
B.A., Auburn University	
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B.A., Bethany Nazarene College; Ph.D., Memphis State University	
Hill, George, Assistant Registrar	1984
B.S., M.S., Troy State University	
Hogan, James B., Staff Psychologist, Center for Business and Economic Development	1987
B.A., Eckerd College; M.S., Ph.D., University of Georgia	
Holland, Kelly L., Girls' Tennis Coach and Assistant Girls' Basketball Coach	1986
B.S., M.A., University of Alabama	
Hummel, John S., Research Associate, Center for Government and Public Affairs	1985
B.S., Purdue University; M.B.A., University of West Florida	
Ingram, Stephanie P., Project Specialist, Center for Government and Public Affairs	1985
B.A., Auburn University	
Jacobs, Grover T., Special Assistant to the Chancellor	1976
B.S., Troy State University; M.A., George Peabody College; LL.B., Jones Law School; Ph.D., Auburn University	
Jenkins, Linda, Coordinator for Student Development	1980
B.S., M.S., Jacksonville State University	
Jones, Cary W., Chief of Police	1975
A.A., Alabama Christian College	

Kamnikar, Edward G., Research Associate, Center for Government and Public Affairs	1987
B.S., M.S.B.A., Northern Illinois University; Ph.D., University of Denver	
Kenny, James T., Vice Chancellor for Research and Development	1985
B.A., Ricker College; M.A., Kent State University; Ph.D., University of Denver	
Kenton, George, Coordinator, Professional Development, Continuing Education	1986
B.A., M.A., University of Kentucky	
Kyker, James H., Research Associate, Center for Government and Public Affairs	1981
B.S., United States Military Academy, West Point; M.S., Oklahoma State University	
Lowe, Q. V., Baseball Coach	1986
B.S., M.A., Auburn University	
Matthews, Patricia A., Director, Community Services, Continuing Education	1978
A.B., Wesleyan College; M.Ed., Auburn University at Montgomery	
Meriwether, Sherri, Director, University Relations	1983
B.S., Troy State University	
Merritt, Dick E., Director, Housing	1978
B.S., Auburn University	
Merritt, Melody, Office Automation Specialist II, Center for Government and Public Affairs	1984
Middleton, Rex, Maintenance Superintendent, Physical Plant	1980
Miller, Gary, Building Service Supervisor II	1982
Mizzell, Philip G., Research Associate, Center for Government and Public Affairs	1985
B.A., M.A., University of Alabama	
Morgan, Janet M., Programmer II, Title III	1981
B.S.B.A., Auburn University at Montgomery	
Myles, Joseph, SSG, Chief Administrative Non-Commissioned Officer	1986
Norton, George E., Assistant Director of Admissions	1986
B.S., University of Alabama	
Palmer, Jacquelyn, Director of Purchasing	1984
BSBA, Auburn University at Montgomery	
Patterson, Deborah, Public Affairs Specialist, Center for Government and Public Affairs	1979
B.S., University of Alabama	
Pollard, Dempsey, Assistant Vice Chancellor for Finance	1973
B.S., Huntingdon College	
Remko, John, Director of Computer Center	1976
B.S., M.S., Ed.D., Northern Illinois University	
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B.A., University of South Alabama; M.A., University of West Florida	

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B.S., State University of New York; M.I.S., Auburn University at Montgomery	
Saia, Claude V., Coordinator of Athletic Development, Athletics	1964
B.S., M.S., Auburn University	
Scarsbrook, Philip B., Manager of Photographic Services, University Relations	1985
B.S., Troy State University	
Sells, Robert H., Manager, Library Resource Center (LRC)	1985
A.S., Enterprise Junior College; B.S., Troy State University	
Shook, Rose, Director of Personnel	1987
B.S., Central Michigan University; M.A., Andrews University; M.S.A., University of Notre Dame	
Simonton, Reatha, Public Affairs Specialist, Center for Government and Public Affairs	1987
Smith, Edward N., Assistant Director, Center for Government and Public Affairs	1978
B.A., University of Maryland; M.P.A., Auburn University at Montgomery	
Smith, G. Sharleen, Project Specialist, Center for Business and Economic Development	1984
B.S., Auburn University	
Supri, Carol P., Assistant Director of Financial Aid	1986
B.S., M.S., Troy State University	
Tiemkongkanchna, Surunya L., Accountant, Accounting	1987
BBA, Kirk College	
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B.S., Appalachian State University; M.R.A., Georgia Southern College	
Tomczak, Edward, Registrar	1976
B.S., Fordham University; M.Ed., Auburn University at Montgomery	
Tucker, Pamela, Director of Media Center	1979
A.S., Walker Jr. College; B.S., Livingston University; M.Ed., Ed.S., Auburn University at Montgomery	
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B.S., M.S., Auburn University at Montgomery; Ph.D., Auburn University	
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B.S., B.A., Auburn University at Montgomery	
Wells, Raymond B., Director of Center for Government and Public Affairs	1974
B.A., M.A., Mississippi State University; Ph.D., Texas Tech University	
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B.S., Auburn University at Montgomery	
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B.A., George Washington University; M.S., Troy State University	

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Woodman, Lloyd, **Economist and Director, Management Development
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B.S.B.A., M.B.A., Ph.D., University of Arkansas

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B.A., Hendrix College; M.S., University of Arkansas; Ph.D., University
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B.B.A., University of Iowa; B.B.A., Northeastern University; M.P..A.,
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