

AUM AUBURN UNIVERSITY MONTGOMERY

1979-80

UNDERGRADUATE CATALOG







AUBURN
UNIVERSITY
MONTGOMERY

Montgomery, Alabama
1979-80

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.

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CALENDAR 1979—1980

SUMMER 1979

- 1. May 18Last Day for Completing Application
for Admission.
- 2. May 31New Student Orientation.
- 3. June 4 & 5Final Registration, 8:00 A.M.—7:00 P.M.
- 4. June 5Regular Classwork Begins
- June 9Weekend College Classwork Begins
- 5. June 7 (For Tues/Thurs Classes)LAST DAY TO REGISTER
OR ADD CLASSES
June 11 (For Mon/Wed Classes)PRIOR TO START OF SECOND
CLASS MEETING.
- 6. June 19Last Day for Refunds.
- 7. July 4Independence Day Holiday.
- 8. July 16 & 17PREREGISTRATION FOR FALL QUARTER
1:00 p.m. - 7:00 p.m.
- 9. July 25Last Day to Submit Application for
Graduation this Quarter
- 10. August 1All GRADUATION WORKSHEETS (For Su 79 Graduation)
Due in Registrars Office Not Later than 5:00 p.m.
- 11. August 1Student Housing Fee Due for Fall Quarter
- 12. July 31 (For Tues/Thurs Classes)Last Day to Drop Classes.
- August 6 (For Mon/Wed Classes) Must be turned in to Registrars Office before
August 3 (For Saturday Classes) start of class this day
- 13. August 7 (For Tues/Thurs Classes)Regular Classwork Ends
- August 13 (For Mon/Wed Classes)Regular Classwork Ends
- August 11Weekend College Classwork Ends
- 14. August 14-17Final Examinations - Regular Classes
- August 11Final Examinations - Weekend College
- 15. August 20ALL GRADES ARE DUE IN REGISTRAR'S OFFICE
NOT LATER THAN 9:00 A.M.
- 16. August 22Graduation for this quarter is certified
effective this date. All requirements for
graduation must be completed not later than
5:00 P.M. this date. No formal ceremony
will be held until end of Spring Quarter, 1980.

AUM FINAL EXAM SCHEDULE

Summer 1979

	SAT. AUG. 11	TUES. AUG. 14	WED. AUG. 15	THURS. AUG. 16	FRI. AUG. 17	
8-11 A.M.	Last Class Period for Weekend College Classes	1st Period T-Th	1st Period M-W	2nd Period T-Th	2nd Period M-W	8-11 A.M.
1-4 P.M.	Final Exam for Weekend College Classes	3rd Period T-Th	3rd Period M-W	4th Period T-Th	4th Period M-W	1-4 P.M.
6-9 P.M.	T-Th	5th Period M-W	5th Period T-Th	6th Period M-W	6th Period P.M.	6-9

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

FALL 1979

1. August 27Last Day for Completing Application
for Admission.
2. September 17New Student Orientation & Registration.
3. September 18 & 19Final Registration, 8:00 A.M.—7:00 P.M.
4. September 19Regular Classwork Begins
5. September 22Weekend College Classwork Begins
6. September 24 (For Mon/Wed Classes)LAST DAY TO REGISTER
OR ADD CLASSES
September 25 (For Tues/Thurs Classes)PRIOR TO START OF
SECOND CLASS MEETING.
7. October 3Last Day for Refunds.
8. November 5 & 6PRE-REGISTRATION FOR WINTER QUARTER,
1:00 P.M.—7:00 P.M.
9. November 9Last Day to Submit Applications for
Graduation This Quarter
10. November 16GRADUATION WORKSHEETS (For Fall 79
Graduation) Due in Registrars Office
Not Later Than 5:00 p.m.
11. November 21-23Thanksgiving Holiday (No classes held.
Offices open Wednesday, November 21 8:00 A.M.—5:00 P.M.,
closed Thursday, November 22 & Friday, November 23).
12. November 19 (For Mon/Wed Classes)Last day to drop classes.
November 20 (For Tues/Thurs Classes)Must be turned in to
November 20 (For Saturday Classes)Registrars Office before
start of class this day.
13. November 29Regular Classwork Ends
December 1Weekend College Classwork Ends
14. November 30, December 3-5Final Examinations - Regular Classes
December 1Final Examinations - Weekend College Class
15. December 6ALL GRADES DUE IN REGISTRARS OFFICE
NOT LATER THAN 5:00 p.m.
17. December 7Graduation for this quarter is certified
effective this date. *All* requirements for graduation must
be completed not later than 5:00 P.M. this date. No formal
ceremony will be held until end of Spring Quarter, 1980.

AUM FINAL EXAM SCHEDULE

Fall 1979

	FRI. NOV. 30	SAT. DEC. 1	MON. DEC. 3	TUES. DEC. 4	WED. DEC. 5	
8-11 A.M. A.M.	1st Period T-Th	Last Class Period for	1st Period M-W	2nd Period M-W	2nd Period T-Th	8-11 M-W
1-4 P.M.	3rd Period for	Final Exam M-W Weekend College Classes	1st Period T-Th	4th Period M-W	4th Period T-Th	1-4 P.M.
6-9 P.M.	5th Period T-Th		5th Period M-W	6th Period T-Th	6th Period M-W	6-9 P.M.

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

WINTER 1980

- 1. December 14, 1979Last Day for Completing Application for Admission.
- 2. December 28, 1979New Student Orientation.
- 3. January 2 & 3Final Registration, 8:00 A.M.—7:00 P.M.
- 4. January 3Regular Classwork Begins
- January 5Weekend College Classwork Begins
- 5. January 8 (For Tues/Thurs Classes)LAST DAY TO REGISTER OR ADD CLASSES
- January 9 (For Mon/Wed Classes)PRIOR TO START OF SECOND CLASS MEETING.
- 6. January 17Last Day for Refunds
- 7. February 18 & 19PREREGISTRATION FOR SPRING QUARTER 1980
- 1:00 p.m.—7:00 p.m.
- 8. February 22Last Day to Submit Applications for Graduation This Quarter
- 9. February 29GRADUATION WORKSHEETS DUE IN REGISTRARS OFFICE NOT LATER THAN 5:00 P.M.
- 10. February 28 (For Tues/Thurs Classes)Last day to drop classes. Must be
- March 1 (For Saturday Classes)turned in to Registrars Office before
- March 3 (For Mon/Wed Classes)start of class this day.
- 11. March 1Student Housing Fee Due for Spring Quarter
- 12. March 8Weekend College Classes End
- March 10Regular Classes End
- 13. March 8Final Exams for Weekend College
- March 11-14Final Exams for Regular Classes
- 14. March 17-19Holiday (No Classes held - all offices open 8:00 a.m. — 5:00 p.m.)
- 15. March 17ALL GRADES DUE IN REGISTRARS OFFICE NOT LATER THAN 9:00 A.M.
- 16. March 21Graduation for this quarter is certified effective this date. All requirements for graduation must be completed not later than 5:00 P.M. this date. No formal ceremony will be held until the end of Spring Quarter, 1980.

AUM FINAL EXAM SCHEDULE

Winter 1980

	SAT. MAR. 8	TUES. MAR. 11	WED. MAR. 12	THURS. MAR. 13	FRI. MAR. 14	
8-11 A.M.	Last Class Period for Weekend College Classes	1st Period T-Th	1st Period M-W	2nd Period T-Th	2nd Period M-W	8-11 A.M.
1-4 P.M.	Final Exam for Weekend College Classes	3rd Period T-Th	3rd Period M-W	4th Period T-Th	4th Period M-W	1-4 P.M.
6-9 P.M.		5th Period T-Th	5th Period M-W	6th Period T-Th	6th Period M-W	6-9 P.M.

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

SPRING 1980

1. March 7Last Day for Completing Application
for Admission.
2. March 18New Student Orientation.
3. March 20 & 21Final Registration, 8:00 A.M.—7:00 P.M.
4. March 24Regular Classwork Begins
March 29Weekend College Classwork Begins
5. March 26 (For Mon/Wed Classes) LAST DAY TO REGISTER OR ADD CLASSES
March 27 (For Tues/Thurs Classes) PRIOR TO START OF
SECOND CLASS MEETING
6. April 7Last Day for Refunds
7. May 5 & 6PREREGISTRATION FOR SUMMER QUARTER
1:00 P.M.—7:00 P.M.
8. May 9Last Day to Submit Application for
Graduation This Quarter
9. May 15Student Housing Fee Due for Summer Quarter
10. May 16GRADUATION WORKSHEETS (For Spring 80
Graduation) Due in Registrars Office
Not Later Than 5:00 P.M.
11. May 21 (For Mon/Wed Classes)Last day to drop classes. Must
May 22 (For Tues/Thurs Classes) be turned in to Registrars
May 23 (For Saturday Classes) Office before start of class
this day.
12. May 29Regular Classwork Ends
May 31Weekend college Classwork Ends
13. May 30, June 2, 3, 4Final Examinations for Regular Classes
May 31Final Examinations for Weekend College Classes
14. June 4ALL DEGREE CANDIDATE GRADES DUE IN THE
REGISTRARS OFFICE NOT LATER THAN 5:00 P.M.*
15. June 5ALL OTHER GRADES DUE IN REGISTRARS
OFFICE NOT LATER THAN 5:00 P.M.
16. June 6ANNUAL FORMAL GRADUATION CEREMONY

*ALL DEGREE CANDIDATES ARE RESPONSIBLE FOR ARRANGING EARLY FINAL EXAMS WITH THEIR PROFESSORS.

AUM FINAL EXAM SCHEDULE

Spring 1980

	FRI. May 30	SAT. May 31	MON. June 2	TUES. June 3	WED. June 4	
8-11 A.M.	1st Period T-Th	Last Class Period for Weekend College Classes	1st Period M-W	2nd Period T-Th	2nd Period M-W	8-11 A.M.
1-4 P.M.	3rd Period T-Th	Final Exam for Weekend College Classes	3rd Period M-W	4th Period T-Th	4th Period M-W	1-4 P.M.
6-9 P.M.	5th Period T-Th		5th Period M-W	6th Period T-Th	6th Period M-W	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, UNDERGRADUATE AREAS OF STUDY AND ACADEMIC ABBREVIATIONS

SCHOOL OF BUSINESS - Bachelor of Science in Business Administration

Areas of Study	Abbreviations
Accounting	AC
Economics	EC
Finance	FI
General Business	GB
Information Systems	IS
Management	MN
Office Management	OM
Personnel Management	PRM
Marketing	MT
Quantitative Methods	QM

SCHOOL OF EDUCATION - Bachelor of Science in Elementary Education or Bachelor of Science in Secondary Education

Areas of Study	Abbreviations
Early Childhood Education	ECE
Elementary Education	EED
Foundations of Education	FED
General Education	EDN
Safety Education	STE
Secondary Education	SED
Special Education	SPE
Health and Physical Education	HPE

SCHOOL OF LIBERAL ARTS - Bachelor of Arts in Art, Bachelor of Arts in English, Bachelor of Arts in History, Bachelor of Arts in Speech, or Bachelor of Arts in Sociology

Areas of Study	Abbreviations
Art	AT
English	EH
Applied Communications	EHC
Foreign Language	FL
Geography	GY
Gerontology	GER
History	HY
Music	MU
Philosophy	PH
Pre-Law	PL
Sociology	SY

Speech and Theatre	SP
Urban Studies	US

SCHOOL OF NURSING

Area of Study	Abbreviation
Nursing	NU

SCHOOL OF SCIENCES - Bachelor of Science in Biology, Bachelor of Science in Criminal Justice, Bachelor of Science in Government, Bachelor of Science in Mathematics, Bachelor of Science in Physical Science, Bachelor of Science in Psychology, or Bachelor of Science in Urban Studies

Area of Study	Abbreviations
Biology	BI
Biological Science	BBS
Environmental Studies	BES
Environmental Technology	BET
Laboratory Technology	BLT
Medical Technology	MTY
Microbiology	BMB
Chemistry	CH
Criminal Justice	CJ
Engineering	EN
Gerontology	GER
Government	GV
Mathematics	MH
Physics	PS
Physical Science	PHS
Pre-Engineering	PEN
Pre-Medical (Pre-Dental) (Pre-Optometric)	PM
Pre-Pharmacy	PPH
Pre-Veterinary Medicine	PVM
Psychology	PG
Urban Studies	US

NOTE: Academic abbreviations should not be confused with student classification symbols.

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. Members of the board receive no compensation. Trustees serve until reappointed or their successors are named.

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

MEMBERS OF THE BOARD

His Excellency, Fob James, Governor, President
(Ex-officio)Montgomery

Dr. Wayne Teague, State Superintendent of Education
(Ex-officio)Montgomery

Name	District	Home
Term Expires 1983		
R. C. Bamberg, Vice President	Sixth	Uniontown
Robert H. Harris	Eighth	Decatur
Charles M. Smith, III	Second	Montgomery
Term Expires 1987		
John Pace, III	First	Mobile
Henry Steagall	Third	Ozark
Ralph Jordan	Third	Auburn
Frank P. Samford, Jr.	Ninth	Birmingham
Term Expires 1991		
William Nichols	Fourth	Sylacauga
Michael McCartney	Fifth	Gadsden
Morris Savage	Seventh	Jasper

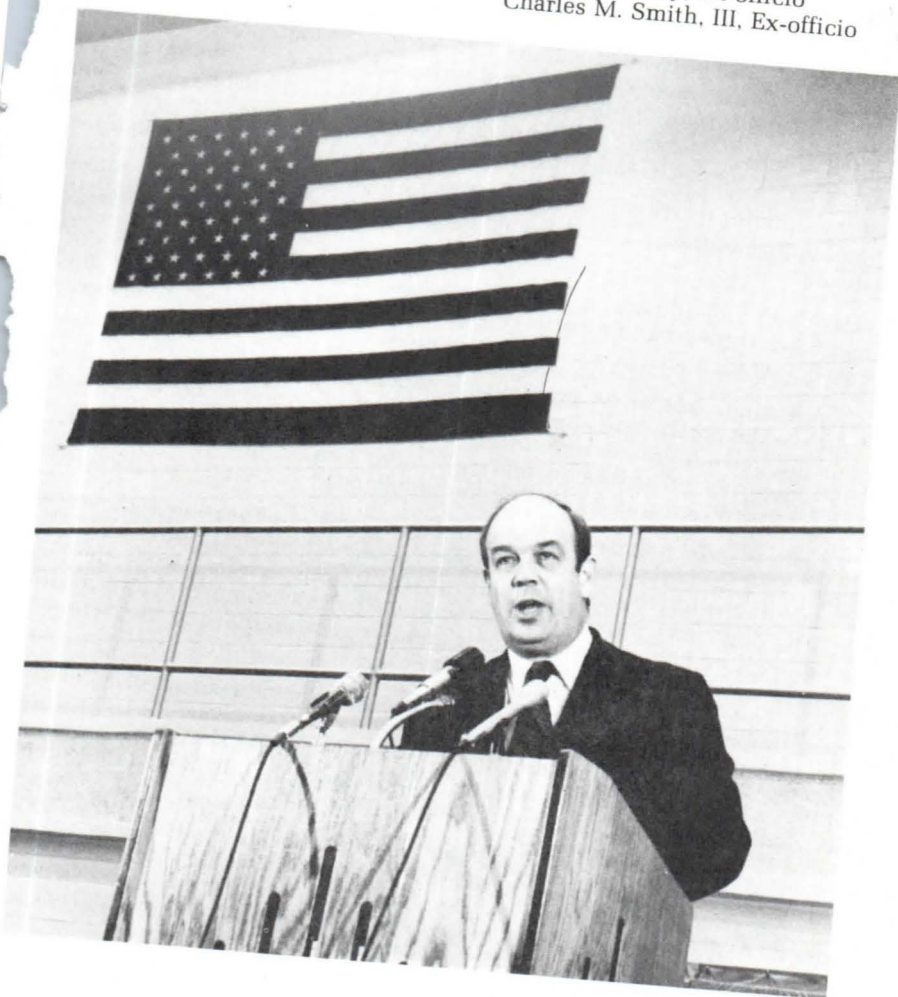
ADMINISTRATIVE COUNCIL

- Philpott, Harry M., *President*1965
 A.B., Washington and Lee University; Ph.D., Yale University; D.D. (Hon.), Stetson University; LL.D. (Hon.), Washington and Lee University; LL.D. (Hon.), University of Florida.
- Funderburk, H. Hanly, Jr., *Chancellor*1968
 B.S., M.S., Auburn University; Ph.D., Louisiana State University.
- Williams, James O., *Vice Chancellor for Academic Affairs and Assistant Dean, Graduate School, Director, Graduate Studies*1969
 B.S., M.Ed., Ed.D., Auburn University.
- Holsenbeck, Daniel C., *Vice Chancellor for Development*1975
 B.S., Auburn University; M.Ed., John Hopkins; Ph.D., Florida State University.
- Jacobs, Grover T., *Vice Chancellor for Finance*1976
 B.S., Troy State University, M.S., George Peabody College; LLB Jones Law Institute; Ed.D., Auburn University.
- Dunlavy, Darold, *Vice Chancellor for Student Affairs*1971
 B.A., M.Ed., University of Montevallo.
- Barnett, Kathryn, *Dean, School of Nursing*1979
 R.N., Parkland Memorial Hospital; B.S., George Peabody College; M.S., University of Colorado; Ph.D., North Texas State University.
- Boyles, Wiley R., *Dean, School of Sciences*1970
 B.S., University of Chattanooga; Ph.D., University of Tennessee.
- Clark, William D., *Dean, School of Business*1969
 B.S., M.B.A., Ph.D., University of Arkansas.
- Maertens, Norbert, *Dean, School of Education*1978
 B.S., Mankato State University; M.A., Ph.D., University of Minnesota.
- Nance, Guinevera A., *Dean, School of Liberal Arts*1971
 B.A., Texas Christian University; M.A., Ph.D., University of Virginia.
- Boyne, John J., *Director, Air University Graduate Division*1968
 A.B., M.A., University of Alabama; Ph.D. University of North Carolina.
- Chapman, Larry F., *Director, Athletics*1977
 B.S., M.Ed., Auburn University.
- Medley, Jerry M., *Director, University and Alumni Relations* .1976
 B.A., University of Alabama; M.A., Pennsylvania State University.
- Norsworthy, Gary F., *Director, Continuing Education*1976
 B.A., M.A., Ph.D. Florida State University.
- Pastorett, Richard T., *Director, Libraries*1969
 B.S., Mount St. Mary's College; M.A., Florida State University.

ADVISORY BOARD

Newton J. Bell, III
Charles P. Brightwell
James M. Folmar
William Joseph
Jack J. Kirschenfeld
Edward L. Lowder
William H. McLemore
Mrs. Jerome T. Moore
Frank A. Plummer

James G. Pruett
Robbins Taylor
George von Gal, Jr.
C. E. Weldon, Jr.
Milton A. Wendland
Dr. John H. Winston, Jr.
Emory Folmar, Ex-officio
H. B. McKinney, Ex-officio
Charles M. Smith, III, Ex-officio





OBJECTIVES OF AUBURN UNIVERSITY AT MONTGOMERY

The objectives of Auburn University at Montgomery may be considered in two categories—**general** and **specific**.

The general objectives of Auburn University at Montgomery reflect the institution's awareness of her role and responsibilities as an emerging state supported institution of higher learning whose place in history favors her evolving into a dynamic and complex center of learning, research, and culture. Consequently, Auburn University at Montgomery is dedicated to:

Providing for its students, within the resources of the institution, educational opportunities of a liberal character as well as those of a specialized nature;

Developing graduates whose knowledge, intellectual discipline, and experience in the multiple aspects of our culture will be manifest in service to their fellow man and to the state and nation;

Conducting, insofar as possible, programs of research in an effort to stimulate the faculty and students in their quest for knowledge; to promote their intellectual growth and development; to broaden the foundations of knowledge; to increase understanding of today's and tomorrow's world; and, finally, to aid in resolving the unique problems of contemporary society;

Creating and implementing effective programs of education and service which will extend the scientific, professional, and cultural resources of the University to individuals, communities, institutions, and industries, thereby contributing to an improved technology, better environmental and health conditions, an enhancement of the general level of living, and the development of more responsible citizenship;

Enriching our cultural heritage through active encouragement of scholarly and creative effort in the arts, humanities, and sciences so that the University may serve its students and the community at large as a vital source of cultural enlightenment and as a stimulus toward their participation in the intellectual life; and

Reassessing continuously the value of particular objectives and programs of the University in order to make them accord with new knowledge and changing social conditions; and as a part of this reassessment to seek ever more efficient and imaginative means of fulfilling the University's purposes.

The **specific objectives** of Auburn University at Montgomery reflect the institution's basic commitment to serve the diverse and expanding educational needs of the State. At present, AUM objectifies this commitment by providing for Montgomery and South-Central Alabama comprehensive educational, professional, and cultural programs dedicated to:

Providing a sufficiently strong undergraduate institution offering degrees in the arts, sciences, business, and teacher education;

Developing and enlarging within these academic areas appropriate graduate programs. Large and growing urban communities, particularly Montgomery with its unique character dominated by state government, military installations, and a large professional population, place an ever increasing demand upon the local institution(s) of higher learning for opportunities for post-graduate education;

Offering residents of the region, those who are not specifically interested in degree programs, the opportunity to continue their education for either cultural or professional reasons; and

Conducting a broad program of individual and institutional research and consultative services for the general benefit of the community, region, and state.

HISTORY

Auburn University at Montgomery was established by Act 403 of the 1967 Alabama Legislature. This action resulted from the request of the citizens of the Montgomery area to establish a degree-granting institution to serve Montgomery and the surrounding counties. In March, 1968, Dr. H. Hanly Funderburk, Jr. was appointed Vice President, Auburn University at Montgomery, to administer the new institution. A 500-acre tract which was a part of the McLemore Plantation was purchased as the site for the new campus. The land is located approximately seven miles east of downtown Montgomery between Interstate 85 and U.S. Highway 80. Two architectural firms were hired to develop a master plan for the new campus and to design the original buildings. The new campus was occupied in the fall, 1971.

Prior to the establishment of AUM, The University of Alabama operated an extension center on Bell Street in the downtown section of the city. When the decision was made to establish AUM, the facilities which were owned by the University of Alabama were purchased by Auburn University. These facilities served as a temporary location for AUM from 1968 until 1971, while the campus was being developed. The Bell Street campus is still used in several of AUM's present programs.

In cooperation with Air University at Maxwell Air Force Base, Master's degree programs are offered in Political Science, Business Administration, Public Administration, and Education. These classes meet at Maxwell AFB in facilities provided by the Air University.

Since September, 1969, classes have been offered both during the day and evening hours, from 8 a.m. to 10 p.m. to provide greater flexibility in the scheduling of classes. In September, 1978, AUM had a total student enrollment of 4428. In addition to the students enrolled in credit courses, over 1375 were enrolled in Continuing Education activities.

AUM is organized into six academic schools and one service or extension division. The academic schools are Liberal Arts; Sciences; Education; Nursing; Business; and the Air University Graduate Division. The Extension division is the Division of Continuing Education. The schools of Liberal Arts, Sciences, Education, and Business offer both undergraduate and graduate courses directly responsive to the needs of the Montgomery area.

LOCATION

The campus of Auburn University at Montgomery is located between U.S. Highway 80 (Atlanta Highway) and Interstate 85, just east of downtown Montgomery. This location makes AUM easily accessible from any point in or near the Montgomery area.

THE CAMPUS AND BUILDINGS

At present, the campus has seven major buildings—four classroom buildings, the library (first phase), the student center (first phase), and a physical education and athletic facility which was completed during the summer of 1976.

Goodwyn Hall contains approximately 100,000 square feet of space. The School of Science as well as the Division of Continuing Education are housed in Goodwyn Hall.

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 new wing completed in 1975. This complex contains classrooms, offices, counseling rooms, a reading clinic and a speech and hearing clinic.

The School of Business is housed in a new building on the east side of the campus, containing approximately 29,000 square feet of space. This building

also houses the AUM Computer Center which has been equipped with both stand-alone equipment and terminals to the larger Auburn University Computer Center.

The Library Building contains some 50,000 square feet and houses both the Library and Administrative Offices. The ten-story tower portion will be added, it is hoped, within the next five years.

The University Center contains a cafeteria/snack bar, a bookstore, a recreation room, student study and television lounges, and offices for student activities.

Student housing for approximately 336 students will be completed and ready for occupancy in September of 1979.

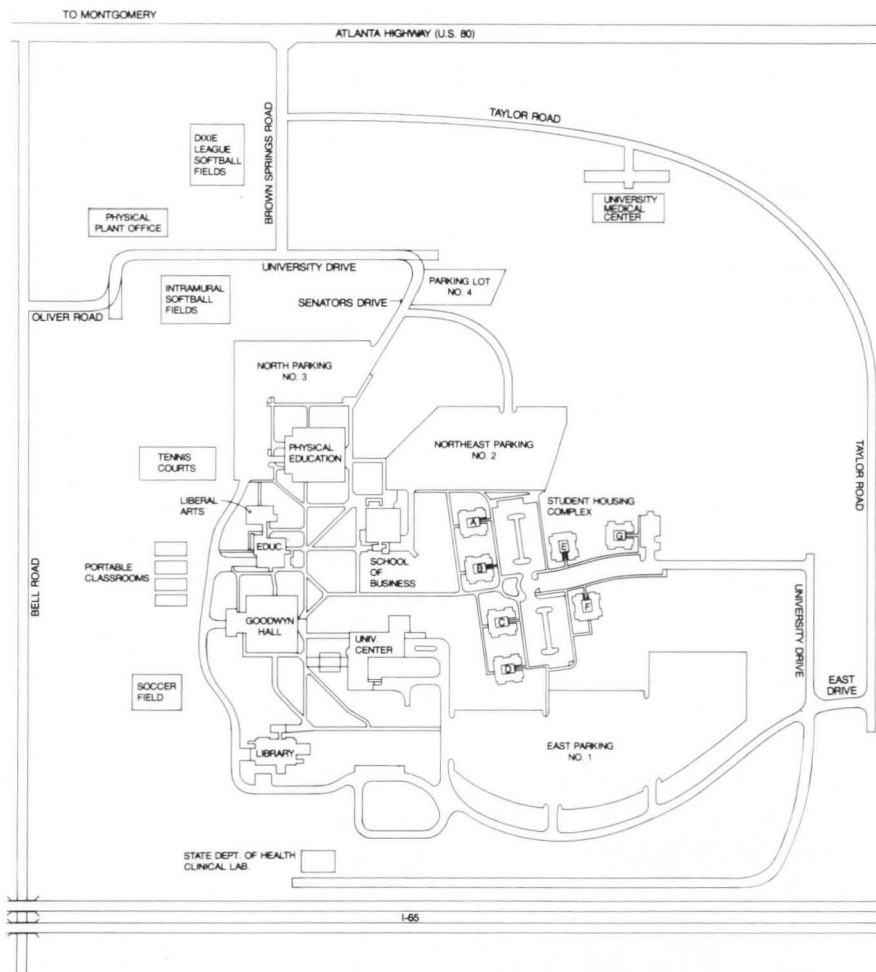
The master plan calls for ten or twelve buildings to be completed by 1980.

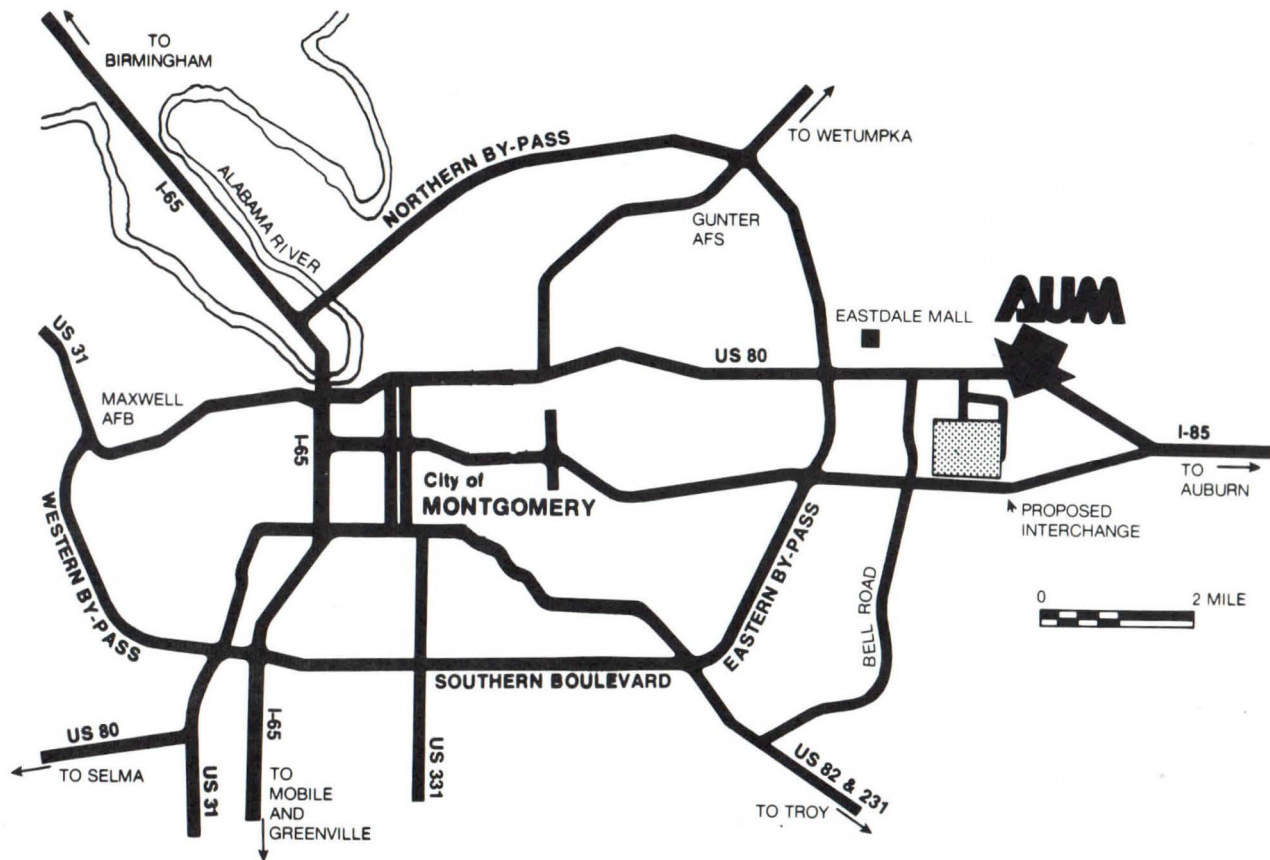
STUDENT HOUSING

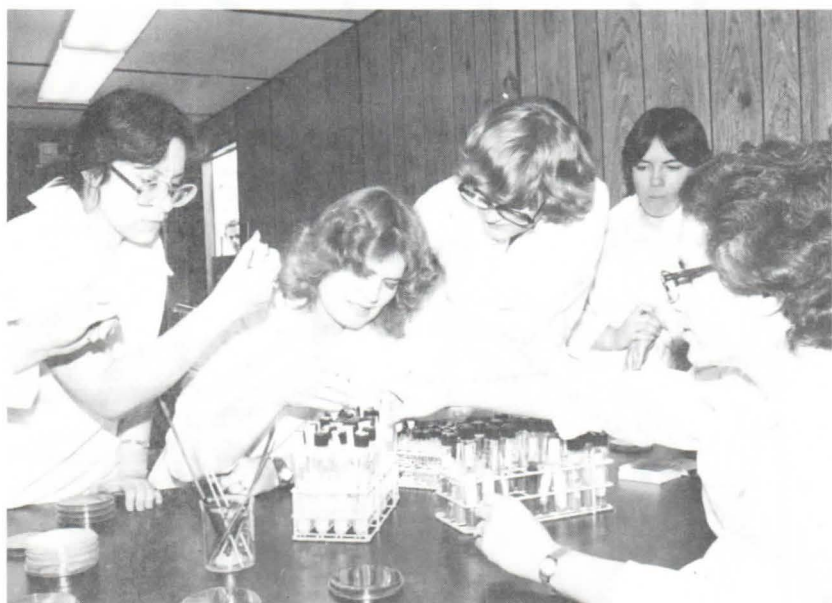
AUM's on-campus housing consists of seven two-story efficiency-apartment-concept units, each housing 48 students for a total occupancy of 336 students. The housing units are located just east of the new School of Business building and are adjacent to the University Center.

Six of the seven units contain apartments which will each house two students. The remaining building will accommodate 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.









ADMISSIONS

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 36117. 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 not refundable or 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 cancellation of 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 tuition fee. An Alabama student is a person who shall be a citizen of the United States or a resident alien and who shall have resided and had his habitation, home, and permanent abode in the State of Alabama for at least twelve (12) months immediately preceding his current registration. In applying this regulation, "applicant" shall mean a person applying for admission to the institution if he is married or 21 years of age, or otherwise, it shall mean parents, parent, or legal guardian of his or her 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 an Alabama student for purposes of assessing fees, the burden of proof is on the applicant. An applicant can change his status from non-Alabama to Alabama student only by actually and physically coming into the state for the required period with the intention of residing within the state.

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 his request for reclassification, (2) shall submit evidence that he has met the usual and expected obligations of an Alabama citizen, 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 certification that he is a resident alien. If the application is supported by evidence satisfactory to the University that the student then qualifies as an Alabama student, his classification may be changed for future registrations.

Members of the Armed Forces stationed in Alabama on active duty by official orders, and their dependents, shall not be liable for payment of non-Alabama tuition during the period of military assignment in Alabama. Dependents of a member of the Armed Forces not stationed in Alabama must furnish proof of Alabama domicile. Verification of "Home of Record" must be attested to by military authority for a minimum period of one year before entry of the student.

The Director of Admissions shall have the responsibility for determining whether a student shall be classified as an Alabama or non-Alabama student. The decision of the Director of Admissions shall be subject to review by the chancellor or his designated representative upon written request of the applicant.

ADMISSION TO FRESHMAN CLASS

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 they can be successful in fields of study in which they seek enrollment.

Although the University makes few stipulations about definite high school courses, all students planning to apply for admission should emphasize in their programs the following subjects: English, mathematics, social studies, sciences, and foreign languages.

Alabama residents are required to complete the American College Test (ACT) on one of the announced national testing dates. 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.

Applicants of mature age who have not graduated from high school may be considered for freshman admission if scores made on the USAFI General Educational Development Test, the American College Test and/or such special achievement tests or subject examinations as may be recommended by the Committee on Admissions, indicate educational attainment equivalent to graduation from high school.

Applicants from non-accredited high schools may be accepted if they have satisfactory scores on tests prescribed by the Committee on Admissions.

CREDIT-BY-EXAMINATION GENERAL POLICY

11 Students enrolled at Auburn University at Montgomery may earn college credit by examination for acceptable scores on the College-Level Examination Program (CLEP). The test scores are equated with specific courses in the current Auburn University at Montgomery catalog, and a student may receive credit in those areas in which he has not earned academic credit accepted by Auburn University at Montgomery. Generally, a student may not attempt Credit-by-Examination for a course in which he has received a failing grade or for a basic course in those areas in which he has acceptable college credit for more advanced courses.

All requests for Credit-by-Examination are submitted to the Registrar's Office. Test results are evaluated by the Registrar's Office and 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. Ordinarily, no examinations may be repeated in an attempt to receive credit. A student may receive up to 90 quarter hours credit on the basis of non-classroom experience.

Admission of Transfer Students

Students who have previous academic records at 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 of itself assure an applicant of admission to Auburn University at Montgomery. Such applicants must also present an overall of "C" or better on all work attempted. The maximum credit allowed for work done in a junior college will not exceed 100 quarter hours.

Each applicant must submit one **OFFICIAL TRANSCRIPT** of his record from each institution attended. An **OFFICIAL TRANSCRIPT** is a copy of a student's academic record bearing the institutions official seal and forwarded from the appropriate Records Office directly to the AUM Admissions Office. It may also be necessary for a transfer applicant to submit one transcript of his high school record.

The amount of transfer credit and advanced standing allowed will be determined by the appropriate Department Chairman and the Registrar. Grades of "D" will be accepted as long as overall accumulative 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 student applicant must submit a Transient Student Form properly completed and signed by the Dean or Registrar of the college or university in which he 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 check with the academic department offering the courses in which the student wishes to enroll to determine if he has met course prerequisites and if he has the necessary preparation to take the course desired.

If at any time a transient student desires to enroll as a regular student, he must make formal application for admission to the University as a transfer student and submit one OFFICIAL transcript from each college or university attended.

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 Special Students

Persons who cannot fulfill the regular admission requirements for freshman or transfer standing but otherwise have acquired adequate preparation 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 of the Dean.

Admission of Auditors

When available faculty and facilities permit, a person not desiring admission for course credit 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 student's Dean. A formal application for admission must be filed, but the \$10.00 application processing fee and the physical examination report are not required.

Admission to Graduate Standing

Graduation with a bachelor's degree or its equivalent from an accredited college or university plus submission of satisfactory scores on the Aptitude Test of the Graduate Record Examination (the GMAT is acceptable for those applying for the MBA) are requisite for admission to the Graduate School. The undergraduate preparation of each applicant for admission must also satisfy the requirements of a screening committee of the school or department in which he desires to major. Any student in good standing in any recognized graduate school who wishes to enroll in the summer session, in an off-campus workshop or in a short session and who plans to return to his former college may be admitted as a "graduate transient." For further information or applications contact the Director of Admissions or the Assistant Dean of Graduate School, Auburn University at Montgomery.

An AUM undergraduate student who is within ten quarter hours of graduation may register for graduate courses during his last quarter in school. If the student is accepted into one of the graduate programs upon graduation with the bachelor's degree, such work taken as an undergraduate may be applied to the master's degree. Any work must be accepted by the school in which the graduate program is offered.

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, or handicap.

The Officer for the Handicapped for the University is Grover T. Jacobs, who is located in Room 103 the Library Building. He should be contacted with regard to any matter relating to the handicapped.



SCHOLARSHIPS

Through the patronage of several local donors, Auburn University at Montgomery is able to award tuition scholarships to qualified students. These scholarships are awarded annually, but are subject to renewal, based upon the student's academic standing.

Scholarships at present are sponsored by:

Alabama Society for Crippled Children and Adults
 AUM Campus Club
 AUM Interclub Council/WHHY Radio
 Bank of Prattville
 Blount Foundation
 Central Alabama Purchasing Management Association
 Central Bank of Montgomery
 Coblentz GMC Truck Sales, Inc. (In Memory of Mr. Arthur P. Coblentz)
 Holiday Inn East
 Mrs. J. O. Holloway (In memory of J. O. Holloway)
 Holt, Rinehart and Winston, Inc.
 James M. Folmar
 Joe Goodwyn Portrait Fund
 Montgomery Electrical Contractors Association, Inc.
 Montgomery Home Builders Association
 Montgomery Home Builders Association Auxiliary
 Mr. and Mrs. C. Frank McCorkle (In Memory of Mr. Jessie Louis McCorkle)
 National Council of Jewish Women—Montgomery Chapter
 Pike Road Civic Club
 Rouse Motors, Inc.
 Several Anonymous Friends
 Winn-Dixie, Inc.

- I. *Qualifications:* All applicants should meet the minimum academic requirements outlined below:
 - A. *Renewal Applicants (currently enrolled):* Completion of 45 quarter hours, excluding the summer quarter, with a 2.25 cumulative GPA.
 - B. *Renewal Applicants (not currently enrolled):* Completion of 45 quarter hours, excluding the summer quarter, with a 2.25 cumulative GPA. A student must reapply within 2 consecutive quarters to be considered for continued assistance, excluding the summer quarter.
 - C. *Chancellor's Honor Scholars:* Graduation from high school in Montgomery, Autauga or Elmore counties as the student with the highest academic performance.
 - D. *New Applicants (currently enrolled):* Completion of 45 quarter hours, excluding the summer quarter, with a minimum of 2.50 GPA on work at AUM.

E. *New Students*: Minimum 22 ACT.

1. *Incoming Freshmen*: ranking as per admission points which includes combination of ACT and high school GPA.
2. *Transfer*: ranking as per admission points which includes combination of ACT and a minimum of 2.50 GPA on all previous college work.

Students' inquiries regarding these scholarships should be made to Mr. James Berry, Director of Financial Aid.



FEES AND CHARGES

THE FOLLOWING FEES AND CHARGES ARE IN EFFECT AT THIS TIME. HOWEVER, SINCE THE CATALOG MUST BE PUBLISHED CONSIDERABLY IN ADVANCE OF THE NEXT SCHOOL YEAR IT IS NOT ALWAYS POSSIBLE TO ANTICIPATE CHANGES AND THE FEE SCHEDULE MAY BE REVISED. EVERY EFFORT WILL BE MADE TO PUBLICIZE CHANGES AS FAR IN ADVANCE AS POSSIBLE.

Auburn University at Montgomery's fees have remained somewhat lower than fees charged at similar institutions in the Southeast and throughout the nation as a whole. As costs have risen small increases in fees charged have been authorized by the Board of Trustees from time to time to meet these increased costs. Every effort is made to hold these charges to the minimum.

PAYMENT OF FEES AND CHARGES

Students are expected to meet all financial obligations when they fall due. Auburn University at Montgomery reserves the right to deny admission or to drop any student who fails to meet promptly his financial obligations to the University. It is each student's responsibility to keep 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 will be cancelled.

VETERANS

Veterans enrolled under the Federal G.I. Bill P.L. 358 and P.L. 634 receive their allowance 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 P.L. 815 or P.L. 894).

BASIC QUARTERLY CHARGES: All fees due and payable at time of registration.

56 **Full-time students** (10 hours or more)

Course Fee	\$175.00
(Does not constitute full-time VA or Social Security)	

Non-Resident Fee	\$175.00
(additional fee charged all non-resident full-time students other than graduate students)	

Part-time students (not exceeding 9 hours per quarter)

Course Fee (per credit hour)	\$ 15.00
Registration Fee	\$ 10.00
(The \$10.00 registration fee is waived for full-time faculty and staff members.)	

STUDENT HOUSING FEES:

One bedroom apartment for two students	\$290/qtr./person
Two bedroom apartment for four students	\$260/qtr./person
One bedroom apartment used as private room or for married couple	\$435/qtr.

Other Fees and Charges

Clearing for Graduation Fee	\$10.00
A student who is 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.	
Service and Penalty charges for Late Registration or Payment ...	\$ 5.00
All students, regardless of classification, must clear fees and tuition by the deadline set by the University, or pay the above listed charge.	
Auditing Fee (per course)	\$35.00
Any student who pays less than full fees must pay this fee for auditing a course.	
Schedule Adjustment Fee	\$ 5.00
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	\$1.00

REGISTRATION FEE CANCELLATION OR REFUNDS

If student pays fees prior to opening of the quarter, then withdraws prior to final registration date for new students, all fees will be refunded. If student resigns within the first two weeks after classes begin, all fees, less charges, will be refunded, except the sum of \$10.00 will be retained as a registration fee. No refunds will be made in case of withdrawal after two weeks of classes, except in cases of withdrawal caused by personal illness or call into military service. Students suspended for disciplinary reasons are not eligible for refunds nor cancellation of accounts due.

Students processing schedule adjustment forms, after the refund date, are required 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 basic programs administered by the Office of Student Financial Aid are:

1. **Basic Educational Opportunity Grants (BEOG):** These are direct grants to students. Between Jan. 1, 1979 and March 15, 1980, an undergraduate student may apply if she or he is enrolled on at least a half-time basis.

Application is made directly to the Federal Government. To apply, the student must complete either a form called "Application for Determination of Basic Grant Eligibility" or a "Financial Aid Form" for the 1979-80 academic year.

A student may get copies of the form from the Office of Financial Aid at AUM. Send the completed form in accordance with the instructions on the application. Within 4 to 6 weeks the student will receive notification of eligibility.

The university financial aid office actually makes the grant disbursements.

2. **Supplemental Educational 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 as an undergraduate student. The grant cannot exceed one-half the total aid received by the student. The amount cannot be less than \$200 or more than \$1500 a year.

Normally the grant may be received for up to 4 years, but may be received for 5 years if more time is necessary. The total that may be awarded is \$4,000 for a 4 year course of study or \$5,000 for a 5 year course.

3. **College Work-Study (CWS) Program:** This provides jobs 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.

The educational institution which participates in College Work-Study arranges jobs on campus or off campus with a public or private nonprofit agency, such as a hospital. If the student is found to be eligible, she or he may be employed for as many as 40 hours a week.

In arranging a job and determining how many hours a week the student may work under this program, the financial aid officer will take 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. That office is responsible for determining eligibility and arranging the job.

4. **National Direct Student Loans (NDSL):** These loans are for students who are enrolled at least half-time and who need a loan to meet their educational expenses.

Loans are interest-free until the student completes or discontinues his college studies. Repayment begins nine months after the student graduates or leaves school. Additional deferment is granted to students entering the military service, Peace Corps or Vista. The repayment period may extend over a period of ten years at 3% 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.

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. The maximum amount allowed per year is \$2500, and the interest may not exceed 7%. The total allowed for undergraduate is \$7500, and for graduate alone is \$10,000 or in combination with undergraduate study.

6. **Tuition scholarships.** Academic excellence is considered in selecting scholarship recipients. Only full-time 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. **Law Enforcement Education Program.** Under this program tuition grants are available to full or part-time students who are full time employees of a law-enforcement or related agency.

8. **AUM Emergency Loan Fund.** This program is available to graduates or undergraduates taking 10 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. Up to \$300 can be awarded with committee approval. Students obtaining

emergency loans will have up to three months to repay without interest. An interest rate of 1% per month will be charged on the unpaid balance of overdue loans.

EDUCATIONAL BENEFITS FOR VETERANS

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

Veterans Education Benefits will give you a monthly stipend which varies according to the number of credit hours for which you register each quarter and your number of dependents. At AUM a full-time undergraduate student is one who enrolls in twelve or more quarter hours; three-quarter benefits are available for those taking ten or eleven hours; and those enrolled in six to nine hours receive one-half of the full amount.

Graduate students receive full benefits with eight or more quarter hours, three-quarter benefits for six or seven hours, and one-half benefits when they are enrolled in four or five hours each quarter. Both the graduate and undergraduate students enrolled less than one-half time receive cost of tuition and fees only.

A veteran, serviceman, or eligible dependent, who is initially entering training or each time he reenters 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 additional VA benefits. These are Tutorial Assistance, VA Work Study Program, and VA Educational Loans.

For complete information about these programs contact the Coordinator of Veterans Affairs, Auburn University at Montgomery, Montgomery, Alabama 36117.

The following regulations will apply to all AUM students who receive Veterans Educational Benefits:

1. Withdrawal

Students receiving VA Education Benefits may withdraw from a course without penalty if the withdrawal occurs before the deadline for late registration. Withdrawals with a WF will be recorded on the student's transcripts and computed in the grade point average. V.A. Benefits will be terminated from the last day of attendance. Withdrawals with WP will have this grade considered the same as audit and V.A. Benefits for that course will be terminated from beginning of the quarter. Possible exceptions in the withdrawal policy may be made where there are extenuating circumstances. Those receiving V.A. Benefits should consult with the coordinator of Veterans Affairs before resigning or dropping courses.

II. Satisfactory Progress

Those receiving V.A. 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. Be sure courses taken are essential to your degree program. Veterans or eligible persons cannot receive V.A. Benefits for courses that are not essential to their degree program or to repeat courses in which they already have credit ("D" grade or better).
- C. Students receiving V.A. Benefits who make a failing grade do not have to reimburse the VA for the benefits received. Accumulation of failing grades can become a barrier to the VA student being eligible to receive benefits for the completion of his proposed program.

Students not making satisfactory progress as stated above cannot continue to receive V.A. Educational Benefits until they have VA counseling (at VARO, Aronov Building), and have VA approval for their benefits to be restored.

Where there are questions about these policies please feel free to come by the Admissions Office and see Mr. Lee Davis for further explanation.



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 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.



UNIVERSITY REGULATIONS

ACADEMIC REGULATIONS

Students pursuing academic programs 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.

THE UNIVERSITY LIBERAL EDUCATION PROGRAM

The University's undergraduate instructional program requires that each student complete a component or general studies in addition to the requirements of his school or departmental major. This component is divided into a "foundation year" of coursework in English composition, world history, natural science, mathematics or logic, and is 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 to some extent intangible: the development in the student of the values of tolerance, intellectual honesty, and a capacity for reflective judgment. More specifically, it is hoped that the student will acquire an ability to order his thoughts in a clearly expressed and reasoned manner; attain a grasp of the scientific method and discipline; develop some understanding of his culture and its backgrounds; and come to perceive the vital issues of our common life as citizens in a complex and changing world.

Requirement	Hours	Option
English Composition		
EH 101-102 (5-5)	10	None
World History		
HY 101-102 (5-5)	10	None
Natural Sciences	Minimum	
	of 10	None
Mathematics	Minimum	Mathematics
	of 5	100-150-161
		(5-5-5)
Electives	Minimum	
	of 20 ¹	

¹A 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 his major lies (Humanities and Fine Arts, Social Sciences, Mathematics and Natural Science), with no less than one course in each area.

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



CLASS ENROLLMENT AND ATTENDANCE

GENERAL REQUIREMENTS

CLASS ATTENDANCE—Students are expected to attend punctually every recitation, laboratory exercise, and other University activities.

REGISTRATION—A service charge will be made for registration after the official dates listed in the University Calendar.

Every student is required to be registered at AUM in his quarter of graduation or in any other quarter when clearing an "incomplete" grade, working on a graduate thesis, or engaged in any other endeavor relating to his normal progress as a student, or when he makes use of the instructional staff and the facilities of the University. Registration in a correspondence course through Auburn University satisfies this requirement.

ID CARD—ALL STUDENTS MUST HAVE AUM ID (IDENTIFICATION) CARD MADE DURING THE REGISTRATION PROCESS.

LATE ENROLLMENT—After the date specified in the AUM Calendar as the last day for final registration, no student may register except by permission of the Dean. The load of a student who registers late shall be reduced at the discretion of his Dean and an extra service charge will be made. No student will be registered after one week of classes.

BACK WORK—In arranging a student's work for each year the Dean will require him to schedule first his back work of the lower class or classes, but where this would work a serious hardship on the student the Dean may make such exceptions as he deems necessary.

PREREQUISITES—Prerequisites or corequisite 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 concerned or his Dean. In addition, the waiver of the junior standing prerequisite established for courses that may be taken for graduate credit must have the approval of the Assistant Dean of the Graduate School.

STUDENT LOAD—A normal quarterly load is 15 hours. Upon approval of his Dean, a student may schedule less than a normal load. The normal load may be exceeded only under the following circumstances:

- A. Upon approval of his Dean, a student may schedule more than 15 quarter hours, if during his last residence quarter at AUM in which he carried 15 or more hours, he passed all work attempted and earned a grade point quotient of 1.5 or higher. A student who has scheduled fewer than 15 hours during an intervening quarter (or quarters) will retain the overload privilege if he has passed all work carried with a minimum grade point average of 1.5 in each intervening quarter. In special cases, the Dean may make exceptions to the 1.5 requirement by written notice to the Registrar.

- B. Upon approval of his Dean, a graduating senior may schedule an overload if the overload will allow him to graduate in that particular quarter. A student who registers for work in excess of his approved load may be required by his Dean to drop the overload during the Schedule Adjustment Period.

CHANGE IN PROGRAM—A student is required to have approval of his Dean before changing his program of studies. A fee will be charged for each change in schedule and for change in curriculum after the Schedule Adjustment Period ends when such changes are not required or advised by the University.

A grade of "Withdrawal" (W) will be assigned when the student drops a course within the first two weeks of a quarter.

A grade of "Withdrawn Failing" (WF) or "Withdrawn Passing" (WP) will be recorded in the Registrar's Office for a subject dropped on request of the student after the second week of the quarter and one week before the last class period. The grade of WP or WF will be determined by the instructor in the course and recorded by the registrar.

A student's Dean may make such substitutions as he deems necessary in the student's course of study. The student's load may also be reduced by the Dean when circumstances seem to make it advisable.

CLASSIFICATION—Each undergraduate student will be classified according to the number of quarter credit hours he has 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 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 regular courses either as to load or curriculum, will be admitted as unclassified students.

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 are not required to participate in classroom discussions, take tests or final examinations, or make reports; no grades or credits may be received. Auditors who have not been admitted to the University must make application to, and secure a registration permit from the Admissions Office. Former students secure a registration permit from the Registrar's 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 individual Dean; however, the regular registration process must be completed.

CURRICULUM TRANSFER—If a student transfers from one curriculum to another requiring more hours, the graduation requirements of the new curriculum must be met as far as hours and subject matter are concerned.

For students transferring from other institutions, credit will be allowed for ROTC and Physical Education satisfactorily completed.

A student who is excused for any reason from any subject will be required to substitute other approved work.

RESIGNATION—After the date carried in the University Calendar for mid-quarter, no student may resign from school to escape the penalty of failure. After this date, the Dean shall contact the student's instructors to determine his scholastic standing at the time of resignation and report such standing to the Registrar. If the student is failing in over half his work, the number of hours reported as failing will be counted as credit hours attempted and included in academic eligibility calculations. Furthermore, when a student's total hours attempted exceed grade points earned by more than 21 at the end of his last quarter in residence prior to his resignation, the student's grades will be reviewed by his Dean to determine if he has a "C" average for the quarter in which he is resigning. If the student does not have a "C" average, he will be placed on academic suspension.

A student is not considered officially resigned until he has filled out a resignation form at the Auburn University at Montgomery Registrar's office. The date of the resignation form will determine the percent of fees owed as shown in the schedule above.

When a student through illness or physical disability is forced to resign after mid-quarter, and when this condition has been the main factor in causing scholastic deficiencies, discretionary power in determining whether a scholastic penalty is to be assigned shall rest with the student's Dean.

ENGLISH REQUIREMENT—All students are expected to maintain a reasonable standard of good English usage, oral and written. Instructors in all curricula are directed to insist on clear, effective, and accurate speaking and writing in all class work. No substitution for the freshman English requirement is permitted.

1. If the transfer student has fewer than three quarter hours of credit in freshman English composition, no credit is allowed. If he has three, four or five quarter hours credit in the first course of an English composition sequence, he must complete EH 102.
2. If the transfer student has three semester hours of credit in the first course of a two-course sequence, he must complete EH 102.

3. If the transfer student has earned eight or more quarter hours and has met the first year English composition requirement of the other institution, credit may be allowed for EH 101-102, provided the minimum of eight hours involves no duplication. A total of 12 hours may be accepted toward the graduation requirement when the 12 hours of work represent a continuous course sequence at one school. Students entering an undergraduate school at AUM, after receiving a bachelor's degree from another accredited college or university, are excused from meeting these regulations.
4. No student failing a freshman English composition course at AUM will be permitted to transfer credit from another school to offset that "F", but must repeat the course in residence at AUM.

All transfer students are directed to clear their freshman English composition credits with the Registrar as soon as possible after enrolling at Auburn University at Montgomery.

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.

CREDIT FOR COMPLETION OF G.E.D. OR C.L.E.P.: When approved, up to 40 hours of credit may be allowed for completion of the G.E.D. test at or above the standards recommended by the American Council on Education at the college sophomore level. Up to 90 hours of credit may be allowed for completion of the C.L.E.P. at the standards set by AUM.

CREDIT FOR USAFI LEVEL TESTS AND SUBJECT STANDARDIZED TESTS: Undergraduate credit may be allowed for college level courses completed by correspondence or for subject examinations administered by the Armed Forces Institute or Institution approved by the Armed Forces Institute and other accredited institutions as approved by the Dean concerned.

CREDIT RECOMMENDED BY THE AMERICAN COUNCIL ON EDUCATION: The ACE presently evaluates both military schools and civilian training programs for academic credit. Since this evaluation is handled by faculty members of accelerated 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 concerned.

EXAMINATIONS AND GRADES

GRADING SYSTEM—Final grades are assigned as follows: A, Superior; B, Good; C, Acceptable; D, Passing; S, Satisfactory; U, Unsatisfactory; F, Failure. Grade points are assigned as follows: A—3; B—2; C—1; D—0; F—0.

A grade of "Incomplete" (IN) is assigned 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" in required subjects not cleared within one resident quarter shall be changed to "F" and the course shall be repeated. Graduating seniors must clear all incompletes (IN) within the first two (2) weeks of their graduating quarter. Graduate students shall remove incomplete grades within a reasonable time, and will not be allowed to graduate with grades of "Incomplete" on their records. A student absent from a final examination for any reason other than personal illness must obtain an excuse from the respective Dean in order to take the examination.

A grade of "Withdrawn" (W) will be assigned when the student drops a course within the first two weeks of a quarter. A grade of "Withdrawn Failing" (WF) or "Withdrawn Passing" (WP) will be assigned for a course dropped after this period.

If a student is dropped for excessive absences or if he is absent from an examination, a grade of "FA" is assigned.

EXAMINATIONS AND REPORTS

Examinations are classified as (1) final examinations at the end of each quarter and (2) 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 an excuse from the respective Dean in order to take the examination.

ANNOUNCED QUIZZES: At least two announced one-hour quizzes shall be held in each subject during the quarter, one in the first half of the quarter and the other by the last half. Other quizzes may be given as deemed necessary by the instructor and the Dean.

DEAN'S LIST

A full-time student (minimum of 15 quarter hours) passing all credit work carried during a quarter and attaining a scholastic record of 2.5 for the quarter may be designated an honor student for that quarter. The honor attained will be recorded on the Dean's List and on the student's permanent record.

ACADEMIC ELIGIBILITY

CONTINUED RESIDENCE: AUM may place a student on probation or suspend him at any time if he flagrantly neglects his academic work or makes unsatisfactory progress toward graduation.

ACADEMIC PROBATION: Any student enrolled at AUM will be placed on academic probation whenever the total number of hours he has attempted at Auburn University at Montgomery exceeds total grade points earned by more than 12, except that no entering freshman will be placed on academic probation on the basis of his first quarter's work at AUM.

CLEARING PROBATION: A student may clear a probation by reducing his grade point deficiency to 12 or fewer grade points.

ACADEMIC SUSPENSION: A student on probation will be placed on academic suspension for two quarters whenever the number of hours he has attempted at AUM exceeds grade points earned by more than 21. However, if re-admitted, such a student will not be placed on academic suspension as long as a 1.0 (C) average is maintained, but he will be continued on academic probation.

A student's first 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 his first suspension. A student who incurs a second academic suspension is placed on indefinite suspension and can be re-admitted only on special approval by the Admissions Committee on the basis of adequate evidence of ability, maturity and motivation. Generally, a student must be on indefinite suspension at least four quarters before his application for re-admission will be considered.

A student whose eligibility to register cannot be determined because of deferred grades may be permitted to register conditionally until his status is determined. Conditional grades must be cleared within two weeks of the beginning of the quarter.

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

Suspensions incurred prior to implementation of the above regulations shall not be counted when determining a student's academic status.

DEGREE REQUIREMENTS

To qualify for graduation, a student must complete the courses and hours specifically required and accepted for his curriculum with a grade point average of 1.0 (C). A student who transfers from another institution must earn grade points equal in number to the additional hours required at AUM for completion of the curriculum. If courses by correspondence and extension are accepted, the number of grade points allowed will not exceed the number of credit hours so completed.

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 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 graduation requirements, but will not be in the calculation for continuation in residence.

No student will be issued a diploma or statement of credits if he is in default on any payment due the University or any school or division thereof.

RESIDENCE REQUIREMENT

To obtain a bachelor's degree, a student must earn at Auburn University at Montgomery, a minimum of forty-five hours in residence in the school or curriculum of graduation. These must be taken in the student's final year unless his Dean approves credits (up to a maximum of twenty hours) earned elsewhere during the final year. In any case, the student must complete a total of forty-five hours in residence at Auburn University at Montgomery. The student's Dean may waive the final year's residence in a specific school or curriculum.

APPLYING FOR GRADUATION

AUM students who are nearing completion of their degree requirements should apply for graduation two quarters before they anticipate graduating. This procedure will allow students and their advisors adequate time to plan enrollment to insure that program/course requirements are met for their particular degree.

Application is accomplished in the Registrars Office on any weekday, excluding registration days, between 8:00 A.M. and 6:30 P.M., Monday through Thursday, and 8:00 A.M. - 5:00 P.M. on Friday. A fee of \$10 is required to be paid at this time. University regulations require that all degree candidates be enrolled during the quarter of their graduation.

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.

AWARDING OF DEGREES BY AUM

1. Certification for graduation will be done by the appropriate Dean. A student must be enrolled in the specified curriculum of graduation for three quarters and must complete the hours required for the last year of work at AUM, or in combination at AUM and the Auburn campus.
2. Courses successfully completed at AUM and at the Auburn campus will be resident credit at either location in determining eligibility for graduation and for scholastic graduation honors.
3. AUM students who are pursuing specialized curricula not available at Montgomery must transfer to the Auburn campus prior to their senior year.

SECOND DEGREE: A minimum of 45 quarter hours and 45 grade points and 36 weeks of residence is required for a second baccalaureate degree by a graduate of AUM. The minimum requirements for a second baccalaureate degree for a graduate of another institution are completion of the hours required in the final year of the curriculum with an equal number of grade points and 36 weeks of residence at this institution. A minimum of 45 quarter hours and 36 weeks of residence is required for a master's degree.

DOUBLE MAJORS: Second majors are authorized in the academic schools upon approval of the Dean when the following conditions have been met:

1. All requirements for both majors and for the schools in which those majors are based, must be satisfied.
2. When the provisions of the above are satisfied, the major 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.
3. The student may choose the school from which a degree may be awarded.

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 for admission as a transfer student from another accredited institution. Due to the small differences 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 he transfers.

OFF-CAMPUS CREDIT

EXTENSION AND CORRESPONDENCE COURSES: The following regulations govern extension and correspondence courses: (1) Credit for undergraduate courses in extension and/or correspondence in the major subject or for requirements for the baccalaureate degree shall not exceed, including transfer credit so earned, 10 percent of the total credit required. (2) Credit hours earned by correspondence or extension will be counted as any other credit hours earned toward meeting the requirements for graduation, but it will not be included in the calculation for continuation-in-residence. Grade points will be assigned to such work toward meeting the requirements for graduation, but in no case will the number of grade points exceed the number of credit hours so earned. (3) Credit for extension and correspondence courses to be taken at Auburn or elsewhere must be approved in advance by the student's Dean. (4) No student in residence may enroll for a correspondence course if he can schedule the course or a suitable substitute. (5) No student shall receive credit for correspondence work which, with courses taken in residence, makes a total load exceeding the maximum allowed under college regulations.

In addition to the above, students taking work under the Auburn University Correspondence Study Program are subject also to its regulations. For further information, course listing, and application form, request a Correspondence Study Bulletin from the Director, Correspondence Study Program, School of Education, Auburn University.

OFF-CAMPUS CENTER CREDIT: Permission to take work at a university off-campus center is at the discretion of the Dean and within the established relationships between the center and the comparable school or college in the

parent university of the center. It shall be the responsibility of the student to secure and file with his Dean, a statement from the center that he may use credit in the desired course toward meeting requirements for the appropriate degree, assuming his enrollment at the parent university is under comparable classification and circumstances.

GRADUATION HONORS: Students clearing graduation requirements with exceptionally high scholastic records who have completed in residence at AUM not less than six quarters of the work required in their curricula are graduated with distinction. The distinction attained will be recorded on the student's diploma and placed on his permanent record.

A transfer student who has completed at least six quarters of work in residence at AUM is eligible for graduation honors if he meets both of the following requirements: (1) his grade point quotient on all work taken in residence at AUM meets the minimum requirements for the honor and (2) his over-all grade point quotient 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 for which he would be eligible on the basis of his AUM record, and where his over-all average is lower than his AUM record, the degree of distinction earned will be determined by his over-all 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 his record elsewhere.

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 grades of distinction and requirements are: With Honor, a grade point quotient of at least 2.4; With High Honor, a grade point quotient of at least 2.6; and With Highest Honor, a grade point quotient of at least 2.8.

DISCIPLINE

1. Each student, by act of registration, obligates himself to conform to all rules and regulations of the University.
2. Students are expected to conduct themselves along the lines of good citizenship 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.

OPERATIONAL GUIDELINES FOR HEALTH, PHYSICAL EDUCATION, RECREATION AND ATHLETIC PROGRAMS AT AUBURN UNIVERSITY AT MONTGOMERY

I. Philosophy of Programs at AUM

The health, physical education, recreation, and athletic programs at Auburn University at Montgomery are committed to aiding in the improvement of the quality of human life. This attempt is continuing to be made through the utilization of movement, games, sports, and recreational pursuits as tools to foster optimum development and to enhance proper attitudes, appreciations, and aesthetic values, with special emphasis being placed on programs in which one can participate throughout life.

In today's technological and complex world, these aforementioned objectives are becoming more and more difficult to achieve. As a result of both the processes and products of modern science, man finds himself in a deluge of problems. We have been challenged by an ecological dilemma, we find ourselves in a transient society that is proving to be psychologically damaging, social unrest is overwhelming, and cardiovascular problems are at an all time high. No one needs to be reminded that there is a need for total commitment toward the improvement of the quality of human life.

It becomes apparent that colleges and universities must accept some of the responsibility of providing programs and facilities to enhance participation in meaningful health, physical education, recreation, and athletic experiences. These opportunities are provided for men and women of all colors and creeds.

II. Operational Guidelines for Programs at AUM

The following guidelines will be followed in the development of health, physical education, recreation, and athletic programs at Auburn University at Montgomery:

1. The overall aim of program offerings at AUM will be to provide adequate instructional staff and coaches, adequate facilities and equipment, and supportive funds to meet the needs and interests of men and women in a wide variety of physical education, intramural, and athletic endeavors.
2. Indoor facilities are available for multi-purpose use. All facilities are being planned and developed on a non-discriminatory basis.

3. Co-ed courses are and will continue to be offered in all phases of the physical education professional and service programs. Any student, regardless of sex, may register for any course offered in the AUM catalog.
4. Equal opportunities are and will continue to be provided both sexes in intramural activities.
5. Equal opportunities are and will continue to be provided both sexes in athletics.
6. Periodic surveys are and will continue to be administered in all areas (physical education, intramurals, athletics) to determine student interests for participation.

SERVICEMEN'S OPPORTUNITY COLLEGE (SOC)

The Servicemen's Opportunity College is a network of colleges and universities providing educational opportunities to the serviceman or civilian whose course work is interrupted by military or civilian obligations which has necessitated his relocation.

The SOC program is planned that when a student has met residence requirements (45 quarter hours at AUM), he may, through direction and prior approval of his advisor, take the remaining courses of his degree program at an accredited college or university in the proximity of his relocation. These approved courses may then be transferred to AUM and when all requirements have been met, the student may receive his degree from AUM.

The initiation and continuation in the SOC program is the responsibility of the individual student. The student's prior approval of courses to be taken and close communication with his advisor are essential.

For further information about SOC the student should contact his Dean, Department Chairman, Advisor, or the SOC counselor. Correspondence to the SOC counselor should be addressed as follows:

SOC Counselor
Office of Admissions
Auburn University at Montgomery
Montgomery, Alabama 36117

SCHOOL OF BUSINESS

STATEMENT OF OBJECTIVES

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 a specific area of business. The student may elect to pursue a program of general business or one that specializes in the areas of: accounting, banking & finance, economics, general business, management, marketing, information systems, and personnel or office 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 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
- EC 200. Concepts of Business and Economics.
- EC 201. Economics I
- EC 202. Economics II
- IS 207. Principles of Data Processing
- QM 274. Business Statistics I

2. A business core curriculum consisting of the following upper division courses:

- FI 361. Principles of Business Finance
- QM 374. Business Statistics II
- MN 310. Principles of Management
- MN 341. Business Law I
- MN 346. Human Relations
- MN 480. Business Policy
- MT 331. Principles of Marketing

3. Academic courses, in areas of specialization, providing depth of understanding in a specific field of business.

All curricula within the School of Business require a total of 200 hours for graduation. Successful completion of this program will lead to the degree, Bachelor of Science in Business Administration.

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

MINORS IN BUSINESS FOR NON-BUSINESS STUDENTS

In addition to the majors listed above, the School of Business offers functional area minors for non-business students. These programs are designed to provide the non-business student with a basic foundation in the area. Students wishing to incorporate one of these options into their program must have approval of their advisor and the Dean of the school in which they expect to graduate.

ACCOUNTING

AC 201 Intro. Acct., Part I .....	.5
AC 202 Intro. Acct., Part II .....	.5
AC 301 Intermediate Acct., Part I .....	.5
AC 302 Intermediate Acct., Part II .....	.5
AC 304 Income Tax Acct. ....	.5
AC 401 Cost Acct. ....	.5
Total	<u>.30</u>

ECONOMICS

EC 201 Economics I .....	.5
EC 202 Economics II .....	.5
4 Elective courses .....	.20
Total	<u>.30</u>

Electives to be taken from the following courses.

EC 350 Labor Economics
EC 360 Money and Banking
EC 451 Intermediate Micro-Economics
EC 452 Comparative Econ. Systems
EC 454 History of Economic Thought
EC 465 Public Finance

INFORMATION SYSTEMS

EC 200 Concepts of business & Economics .....	.5
IS 207 Electronic Data Processing Principles .....	.5
IS 331 COBOL Programming .....	.5
IS 455 Automatic Data Processing Systems .....	.5
IS 456 Management Information Systems .....	.5
IS 460 System Analysis and Design .....	.5
Total	<u>.30</u>

MANAGEMENT

EC 200 Concepts of Business & Economics5
MN 310 Principles of Management5
MN 315 Personnel Management5
MN 346 Human Relations5
MN 443 Labor Management Relations5
Management Elective5
Total30

MARKETING

EC 200 Concepts of Business & Economics5
MT 331 Principles of Marketing5
MT 432 Promotional Strategy5
MT 436 Marketing Research5
MT 441 Consumer and Market Behavior5
Marketing Elective5
Total30



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.

Freshman Year

First Quarter	Second Quarter
EH 101 English Composition .....5	EH 102 English Composition .....5
MH 150 College Algebra .....5	HY 101 World History .....5
EC 200 Concepts of Business and Economics .....5	MH 151 Survey of Calculus & Linear Algebra .....5
	Science Elective .....5
—	—
15	20

Third Quarter

HY 102 World History .....5
Science Elective .....5
Free Elective5
—
15

Sophomore Year

First Quarter	Second Quarter
AC 201 Intro. Acct. I .....5	AC 202 Intro. Acct. II .....5
IS 207 EDP Prin. ....5	EC 202 Economics II .....5
EC 201 Economics I .....5	SP 202 Applied Oral Comm. ....5
	*Free Elective .....5
—	—
15	20

Third Quarter

QM 274 Business Statistics I ....5
PG 211 Psychology I .....5
Free Elective .....5
—
15

*Marketing, Economics and Accounting majors must take Introduction to Sociology (SY 201).

DEPARTMENT OF ACCOUNTING AND FINANCE**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 seven accounting courses beyond Principles of 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.

Junior Year**First Quarter**

AC 301 Intermediate Acct. I5
 FI 361 Prin. of Bus. Finance5
 EH 306 Bus. & Prof. Writ5

 15
Second Quarter

AC 302 Intermediate Acct. II5
 MN 341 Business Law I5
 MN 310 Prin. of Management5
 MT 331 Prin. of Marketing5

 20
Third Quarter

AC 304 Income Tax5
 MN 346 Human Relations5
 QM 374 Business Statistics II ...5

 15
Senior Year**First Quarter**

AC 401 Cost Accounting5
 AC 407 Advanced Accounting ...5
 EC 360 Money and Banking5

 15
Second Quarter

AC 402 Advanced Cost & Mgt.
 Accounting5
 QM 475 Quant. Methods of Mgt. ...5
 *Business Elective5
 *Business Elective5

 20
Third Quarter

AC 406 Auditing5
 MN 480 Business Policy5
 *Business Elective5

 15

*Must be courses numbered 300 or above.

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.

Junior Year

First Quarter

AC 300 Fin. Acct. & Cont.	5
EH 306 Bus. & Prof. Writing	5
MT 331 Prin. of Marketing	5
—	
15	

Second Quarter

MN 310 Prin. of Management	5
MN 341 Business Law I	5
FI 361 Prin. of Business	
Finance	5
EC 360 Money and Banking	5
—	
20	

Third Quarter

FI 323 Prin. of Real Estate	5
QM 374 Business Statistics II ..	5
MN 346 Human Relations	5
—	
15	

Senior Year

First Quarter

FI 456 National Income	
Analysis	5
FI 460 Commercial Banking	5
FI 465 Public Finance	5
—	
15	

Second Quarter

FI 462 Monetary Theory	
& Pol.	5
*Business Elective	5
*Business Elective	5
—	
15	

Third Quarter

FI 464 Investments	5
FI 427 Real Estate Fin.	5
MN 480 Business Policy	5
*Business Elective	5
—	
20	

*Must be courses numbered 300 or above.

DEPARTMENT OF ECONOMICS, MANAGEMENT & MARKETING**ECONOMICS AREA****Economics Curriculum (EC)**

Economics majors in the School of Business 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.

Junior Year**First Quarter**

GV 209 Intro. Amer. Gov't	5
AC 300 Fin. Acct. & Control	5
EC 350 Labor Economics	5

 15
Second Quarter

EC 360 Money and Banking	5
MN 341 Business Law I	5
EH 306 Bus. & Prof. Writing	5
*Business Elective	5

 20
Third Quarter

FI 361 Prin. of Bus. Finance	5
MT 331 Prin. of Marketing	5
MN 310 Prin. of Management	5

 15
Senior Year**First Quarter**

MN 346 Human Relations	5
EC 451 Inter. Micro Econ	5
QM 374 Bus. Statistics. II	5

 15
Second Quarter

EC 456 Nat'l Income Anal	5
EC 454 History of Econ. Thought	5
EC 465 Public Finance	5
*Business Elective	5

 20
Third Quarter

MN 480 Business Policy	5
Ec 452 Comp. Econ. Sys.	5
*Business Elective	5

 15

*Must be courses numbered 300 or above.

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 student free to select a large number of courses through electives from other divisions in the University. A student completing this option should have a broad general education in business.

Junior Year

First Quarter		Second Quarter	
MT 331 Prin. of Marketing	.....5	MN 341 Business Law I	.....5
AC 300 Fin. Acct. & Control	.....5	*Business Elective	.....5
EH 306 Bus. & Prof. Writing	.....5	*Business Elective	.....5
		Free Elective	.....5
	—		—
	15		20

Third Quarter

QM 374 Business Statistics II	...5
FI 361 Prin. of Business	
Finance	.....5
*Business Elective	.....5
	—
	15

Senior Year

First Quarter		Second Quarter	
MN 346 Human Relations	.....5	MN 310 Prin. of Management	...5
Free Elective	.....5	*Business Elective	.....5
*Business Elective	.....5	Free Elective	.....5
		Free Elective	.....5
	—		—
	15		20

Third Quarter

MN 480 Business Policy	.....5
*Business Elective	.....5
Free Elective	.....5
	—
	15

*Must be course numbered 300 or above.

MANAGEMENT AREA**General 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.

Junior Year**First Quarter**

AC 300 Fin. Acct. & Control5
 MN 310 Prin. of Management5
 EH 306 Bus. & Prof. Writing5

 15
Second Quarter

FI 361 Prin. of Bus. Finance5
 MT 331 Prin. of Marketing5
 MN 346 Human Relations5
 QM 374 Business Statistics II5

 20
Third Quarter

MN 341 Business Law I5
 MN 380 Indus. Management5
 EC 350 Labor Economics5

 15
Senior Year**First Quarter**

MN 440 Organization Theory5
 MN 315 Personnel Management ..5
 QM 475 Quan. Methods of Mgt. ..5

 15
Second Quarter

MN 443 Labor Management
 Relations5
 MN 434 Purchasing5
 MN 473 Logistics Management ...5
 *Business Elective5

 20
Third Quarter

MN 480 Business Policy5
 *Business Elective5
 *Business Elective5

 15

*Must be courses numbered 300 or above.

Office Management Curriculum (OM)

The Office Management curriculum is designed to prepare the student for positions as office managers and administrators. It provides a general business background together with technical training for information management.

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

Junior Year

First Quarter

AC 300 Fin. Acct. & Control	5
MN 201 Begin. Typewriting	5
MN 202 Begin Shorthand	5
	<hr/>
	15

Second Quarter

MN 310 Prin. of Management	5
MN 205 Intermed. Typewriting ...	5
MN 206 Intermed. Shorthand	5
MT 33 Prin. of Marketing	5
	<hr/>
	20

Third Quarter

MN 341 Business Law I	5
QM 374 Bus. Statistics II	5
EH 306 Bus. & Prof. Writing	5
	<hr/>
	15

Senior Year

First Quarter

FI 361 Prin. of Finance	5
MN 308 Advan. Typewriting	5
MN 309 Advan. Shorthand	5
	<hr/>
	15

Second Quarter

MN 415 Office Practice & Proc. ...	5
MN 346 Human Relations	5
MN 420 Trends in Off. Mgt.	5
*Business Elective	5
	<hr/>
	20

Third Quarter

MN 480 Business Policy	5
*Business Elective	5
*Business Elective	5
	<hr/>
	15

*Must be courses numbered 300 or above.

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.

Junior Year

First Quarter

AC 300 Fin. Acct. & Control	5
MN 310 Prin. of Management	5
EH 306 Bus. & Prof. Writing	5
—	
	15

Second Quarter

FI 361 Prin. of Finance	5
MT 331 Prin. of Marketing	5
MN 346 Human Relations	5
QM 374 Bus. Statistics II	5
—	
	20

Third Quarter

MN 341 Business Law I	5
EC 350 Labor Economics	5
MN 315 Personnel Management	5
—	
	15

Senior Year

First Quarter

MN 440 Organization Theory	5
MN 355 Manpower Planning	5
MN 357 Employee Compen. & Welfare	5
—	
	15

Second Quarter

MN 443 Labor-Mgt. Relations	5
MN 444 Collective Bargaining	5
MN 405 Labor Law & Legis.	5
*Business Electives	5
—	
	20

Third Quarter

MN 480 Business Policy	5
*Business Elective	5
*Business Elective	5
—	
	15

*Must be courses numbered 300 or above.

MARKETING AREA**General 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.

Junior Year**First Quarter**

EH 306 Bus. & Prof. Writing	5
QM 374 Business Statistics II	5
MT 331 Prin. of Marketing	5
—	—
	15

Second Quarter

FI 361 Prin. of Bus. Finance	5
AC 300 Fin. Acct. & Cont.	5
MN 346 Human Relations	5
*Business Elective	5
—	—
	20

Third Quarter

MN 341 Business Law I	5
MN 310 Prin. of Management	5
*Business Elective	5
—	—
	15

Senior Year**First Quarter**

MT 441 Consumer & Market Beh	5
MT 436 Mkt. Research Methods	5
MT 432 Promotional Strategy	5
—	—
	15

Second Quarter

MT 437 Sales Management	5
MT 434 Purchasing	5
Marketing Elective	5
*Business Elective	5
—	—
	20

Third Quarter

MT 478 Marketing Problems	5
MT 473 Logistics Management	5
MN 480 Business Policy	5
—	—
	15

*Must be courses numbered 300 or above.

DEPARTMENT OF INFORMATION SYSTEMS AND QUANTITATIVE METHODS

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 an EDP environment. In addition, the student can acquire sufficient managerial knowledge so that he 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.

Junior Year

First Quarter	Second Quarter
AC 300 Fin. Acct. & Cont. or ACF 401 Cost Acct. ....5	IS 331 COBOL Programming ....5
IS 330 FORTRAN IV Programming ....5	MN 310 Prin. of Management ....5
MN 341 Business Law I ....5	QM 374 Business Statistics II ....5
—	—
15	15

Third Quarter

EH 306 Bus. & Prof. Writing ....5
MN 346 Human Relations ....5
MT 331 Prin. of Marketing ....5
FI 361 Prin. of Business Finance5
—
20

Senior Year

First Quarter	Second Quarter
QM 475 Quant. Meth. Mgmt. ....5 or IS 465 Computer Simul. ....5	IS 456 Mgmt. Info. Systems ....5
IS 360 ASSEMBLER Programming ....5	IS 361 Advanced Programming Concepts ....5
IS 455 ADP Systems ....5	*Business Elective ....5
—	—
15	15

Third Quarter

IS 460 System Analysis Design ..5
MN 480 Business Policy ....5
*Business Electives ....10
—
20

*Must be courses numbered 300 or above.

DESCRIPTION OF COURSES

ACCOUNTING AND FINANCE

Professor Roché (*Head*)

Associate Professors Bressler, Johnson, and Lake

Assistant Professors Becker, M. Golden, Jeffries and Lett

Instructors Sharpe and Spence

ACCOUNTING (AC)

201. Introductory Accounting, Part I (5).

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

202. Introductory Accounting, Part II (5). Pr., AC 201.

Continuation of ACF 201, with survey of methods of cost accounting, budgeting, and branch and departmental accounting, and preparation and use of special analyses of financial data.

300. Financial Accounting and Control (5). Pr., AC 202.

A terminal course for non-accounting majors. Introductory cost accounting and budgeting with some emphasis on distribution costs and managerial accounting problems.

301. Intermediate Accounting, Part I (5). Pr., AC 202, EH 306.

The advanced principles of accounting systems, and financial reports.

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

Continuation of ACF 301.

304. Income Tax Accounting (5). Pr., AC 202, EH 306.

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

401. Cost Accounting (5). Pr., AC 202, and Junior standing.

Accounting principles and methods of job-lot, process, and assembly manufacturing accounting including standard costs and budgetary systems; distribution cost accounting; use of cost data (historical and estimated) in making managerial decisions.

402. Advanced Cost and Managerial Accounting (5). Pr., AC 401.

Advanced study in cost and managerial accounting with emphasis on uses of financial and cost information in planning, control, and analytical processes.

404. Advanced Income Tax Accounting (5). Pr., AC 304, and Junior standing.

Specialized tax determination problems of individuals, corporations, estates, and trusts; information return.

406. Auditing (5). Pr., AC 302, and Junior standing.

Principles and procedures in auditing; audit report preparation.

407. Advanced Accounting, Part I (5). Pr., AC 302, Junior standing.

Advanced accounting theories and methods; consolidation of financial statements and other special problems.

- 408. Advanced Accounting, Part II (5). Pr., AC 407, and Junior standing.**
Continuation of ACF 407.
- 409. Governmental Accounting (5). Pr., AC 202, and Junior standing.**
Principles of accounting for non-profit entities and governmental units financial reporting.
- 415 Performance Auditing (5), Pr., AC 406.**
A study of expanded-scope auditing (variously called performance auditing, management auditing, and operational auditing) including a review of its origins, development and current status with emphasis on both conceptual theory and the practical application of specific auditing procedures and techniques.
- 490. Special Problems (1-5).**
Variable content in the accounting and finance areas.

FINANCE (FI)

- 321. Principles of Insurance (5). Pr., EC 202, and AC 202.**
A study of the principle uses and types of insurance including life, fire, marine, automobile, and other casualty lines.
- 323. Principles of Real Estate (5). Pr., EC 202, and AC 202.**
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).**
A study of the source of real estate value, the techniques for estimating property value, and the effective use of appraisal information.
- 361. Principles of Business Finance (5). Pr., EC 202 and AC 202.**
The first course in Business Finance with emphasis on short-term, intermediate, and long-term financing of business firms.
- 421. Property (Casualty) Insurance 5 Credit Hours. Pr., FI 321.**
A thorough study of (1) the casualty risks associated with property ownership and use and (2) the techniques of transferring these risks through the use of insurance contracts.
- 424. Life and Health Insurance (5). Pr., FI 321.**
Principles of insurance applied to human values. Topics covered include individual and group insurance, use of life insurance for business purposes.
- 427. Real Estate Financing (5). Pr., FI 323 or permission of instructor.**
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.
- 456. National Income Analysis (5). Pr., Junior standing.**
The measurement of national output, and with income and employment theory, general equilibrium theory, and theories of interest, investment, and consumption. (Same as EC 456).

460. Commercial Banking (5). Pr., EC 360.

Study of banking theory, bank asset management, relationship to asset management to liquidity and the nation's credit structure.

462. Monetary Theory and Policy (5). Pr., EC 360, and Junior standing.

Advanced monetary and banking policy. Attention given to government fiscal policies and programs. (Same as EC 462).

464. Introduction to Investments, (5) Pr. FI 361 and Jr. 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., Junior standing.

A study of principles of taxation, government expenditures, fiscal policy in the American economy. (Same as EC 465).

ECONOMICS (EC)

Associate Professors Lacy and Moberly

Assistant Professor Sturgis

Instructor Dunn

ECONOMICS**200. Concepts of Business and Economics (5).**

An introduction to the basic principles which underlie business and economic behavior with an emphasis on current business activities.

201. Economics I (5). Pr., EC 200.

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). Pr., EC 200.

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 growths, and welfare economics.

350. Labor Economics (5). Pr., EC 202.

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.

Money, credit and banking including consideration of monetary systems, foreign exchange and commercial banking with relation to the Federal Reserve System.

451. Intermediate Micro-Economics (5). Pr., EC 201 and EC 202, and Junior standing.

The theory of value and the theory of distribution under varying market conditions.

- 452. Comparative Economic Systems (5). Pr., EC 202, and Junior standing.**
An analysis of the rival economic doctrines of Capitalism, Socialism, and Communism.
- 454. History of Economic Thought (5). Pr., EC 202, and Junior standing.**
The development of economic ideas, principles, and systems of analysis from early times to the present.
- 456. National Income Analysis (5). Pr., EC 201 and EC 202, and Junior standing.**
The measurement of national output, and with income and employment theory, general equilibrium theory, and theories of interest, investment, and consumption. (Same as FI 456).
policies and programs. (Same as FI 562).
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, and 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, and Junior standing.**
A study of principles of taxation, government expenditures, fiscal policy in the American economy. (Same as FI 465).
- 490. Special Problems (1-5).**
Variable content in the economics area.

INFORMATION SYSTEMS (IS)

Associate Professor Golden (*Head*)

Assistant Professor Remko

Instructor Shalhoop

INFORMATION SYSTEMS

- 207. Electronic Data Processing Principles (5). Pr., MH 150.**
Methods of Data Processing including functions and uses of computers and related equipment emphasizing business applications.
- 330. FORTRAN IV Programming (5). Pr., MH 151 and IS 207, or permission of instructor.**
An introduction to the 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 communication with card, disk, and tape operating systems.
- 331. COBOL Programming (5). Pr., AC 300 or AC 401, and IS 207, or permission of instructor.**
An introduction to the Common Business Oriented Language (COBOL) with programming problems and systems of increasing complexity in the areas of business, industry, and government. Includes basics of COBOL program logic; arithmetic expressions; transfer statements;

Input/Output verbs; magnetic disk files. Basics of commercial data processing will also be reviewed including user communications, file design, report control, documentation, data bases, information collection, planning and control, and basic systems design concepts.

- 360. ASSEMBLER Programming (5). Pr., IS 207 or permission of instructor.**
An introduction to machine and symbolic assembler languages for fixed word-length, large-scale computer systems. Includes techniques in addressing and machine control; data structures and data processing; use of subroutine linkages; co-routines; pushdown lists; list processing; loops, Input/Output routines; use of MACRO assembler language; sorting, merging; arrays; and data fields in data processing.
- 361. Advanced Programming Concepts (5). Pr., IS 331.**
Continued study of elements of COBOL including advanced file handling, data management techniques, teleprocessing features, string manipulation, report generation, etc.; introduction to JCL services for the commercial programmer; introduction to RPG II programming.
- 455. Automatic Data Processing Systems (5). Pr., IS 207 or permission of instructor.**
Completes the student's introduction to electronic digital computer hardware and to computer-based data processing/information systems, with emphasis on quantitative computer systems analysis and information balance.
- 456. Management Information Systems (5). Pr., IS 455 or concurrently with IS 455.**
Design and analysis of information flow systems for management control and decision making to include coordination of information flows from all functional areas of the business enterprise.
- 460. System Analysis and Design (5). Pr., IS 456 or permission of instructor.**
A treatment of the definition and development of Computer Systems for business applications and the subsequent design, including such topics as input/output specifications, program coding, file organizations, implementation and testing, documentation, programming, measurement of performance, and control.
- 465. Computer Simulation for Business Decisions (5). Pr., IS 330 and QM 374.**
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.

MANAGEMENT (MN)

Associate Professors Bigger, Higgins, and Parsh
Assistant Professors Houser and Sweeney
Instructors Jones and Lowery

MANAGEMENT

- 201. Beginning Typewriting (5).**
Introduction to typewriting techniques, business correspondence, tabulation problems, and manuscripts.
- 202. Beginning Shorthand (5). Pr., MN 201 or concurrent with MN 201, or permission of instructor.**
Principles of shorthand theory, rapid reading of shorthand, introduction of dictation techniques. For students with no previous training in shorthand.
- 205. Intermediate Typewriting (5). Pr., MN 201, or permission of instructor.**
Emphasis on speed development and accuracy control. Development of production business correspondence, tabulation problems, etc.
- 206. Intermediate Shorthand (5). Pr., MN 202 and MN 205 or concurrent with MN 205, or permission of instructor.**
Principles and theory of shorthand with emphasis on development of skill in writing and reading shorthand notes. Typing and shorthand skills are integrated to develop proficiency in transcription.
- 305. Records Management (5) Pr., MN 201 or equivalent.**
Basic filing principles and their application in alphabetic, numeric, geographic and subject filing systems will be studied. Study also involves information retrieval, automated and nonautomated filing, microfiling systems, retention and disposal of records as well as equipment and space layout standards, and work measurement.
- 308. Advanced Typewriting (5). Pr., MN 205, or permission of instructor.**
Emphasis on speed drills, lettering writing, use of business and legal forms and familiarization with current typing equipment and aids.
- 309. Advanced Shorthand (5). Pr., MN 205 and 206, or permission of instructor.**
Continued development of skill in writing shorthand and introduction to technical dictation.
- 310. Principles of Management (5). Pr., EC 202 and AC 202.**
Management functions and the application of management principles in organizations.
- 315. Personnel Management (5). Pr., MN 310, and Junior standing.**
Management of employees with particular attention to recruiting, selection, placement, training, performance evaluation, motivation, wage and salary administrations, security, behavior, and union-management relations.
- 341. Business Law I (5).**
Contracts, torts, courts, and partnerships from the standpoint of the average citizen.

342. Business Law II (5).

Legal principles covering sales, agency, insurance, personal property, real property, suretyship and bankruptcy presented from the standpoint of the layman.

346. Human Relations (5). Pr., MN 310.

An investigation of individual, group and intergroup relations, especially as these may apply to the business firm. Basic concepts in social psychology and other behavioral sciences are used to appraise organizational practices and to suggest general improvement of interpersonal relations.

355. Manpower Planning (5). Pr., MN 315 and Junior standing.

Study of the function of employee selection, placement, and development in an organization with emphasis on the legal and regulatory consideration affecting their implementation.

357. Employee Compensation and Welfare (5). Pr., MN 315, and Junior standing.

A study of the problems of compensation administration, with emphasis upon the determination of wage and salary levels and employee benefits, development and administration.

380. Industrial Management (5). Pr., MN 310.

Principles and practices of modern scientific management as applied in the actual control and operations of industrial enterprises.

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

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.

415. Office Practice and Procedure (5). Pr., MN 205 or equivalent, and Junior standing.

Theory and practices in operation of office machines, and records management system. Also included is a study of duties of various officeworkers with emphasis on organizational structure.

420. Trends in Office Management (5). Pr., MN 308 and MN 309, and Junior standing, or permission of instructor.

Emphasis on business trends and special development in areas of interest to the Administrative Assistant.

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

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

440. Organization Theory (5). Pr., MN 310.

A conceptual analysis of formal organization structure with particular emphasis on management philosophy, managerial functions, business objectives and the social responsibility of management.

443. Labor Management Relations (5). Pr., MN 310, and Junior standing.

Analysis of legislation, legal responsibilities of employers and workers. Collective bargaining procedures and union-management cooperation.

- 444. Collective Bargaining (5). Pr., MN 443, and Junior standing or permission of instructor.**
A study of the theories and practices of negotiating and administering collective bargaining agreements with emphasis on relevant public policy issues.
- 473. Logistics Management (5). Pr., MT 472 or permission of instructor.**
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., MN 310, 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. May be taken for graduate credit by students outside the Division of Business.
- 490. Special Problems (1-5).**
Variable content in the management area.

MARKETING (MT)

Associate Professors Baxley, Ingram, and Tarver

MARKETING

- 331. Principles of Marketing (5). Pr., EC 202 and AC 202.**
A general but critical survey of the field of marketing covering marketing channels, functions, methods, and institutions.
- 340. Salesmanship (5). Pr., MT 331.**
Principal emphasis on the psychology of personal selling, sales planning and presentation, successful sales techniques and alternative sales strategies.
- 432. Promotional Strategy (5). Pr., MT 331.**
A critical analysis of the various promotion methods available to marketers in communicating desired product and/or service information to consumers. Among the methods covered are personal selling, mass selling, and sales promotion.
- 433. Advertising Layout and Design (5). Pr. MT 432.**
Applying principles of effective advertising to print and electronic media usage. Same as EHC 433.
- 434. Purchasing (5). Pr., MT 331 and Junior standing.**
Objectives, control and the direction of industrial purchasing. (Same as MN 434).
- 436. Marketing Research Methods (5). Pr., MT 331, and 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 and MN 310, Junior standing.**
Principles and practices of sound organization and administration of sales organization. Includes consideration of: sales department organi-

zation, selecting, training, compensating, and supervising salesmen, sales planning, setting up sales territories and quotas and other problems.

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

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

441. Consumer and Market Behavior (5). Pr., MT 331, and Junior standing.

A comprehensive analysis of the influence of cultural, social and psychological factors upon the motivation and behavior of buyers.

472. Economics of Transportation (5). Pr., EC 202, and 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 472 or permission of instructor.

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).

478. Marketing Problems (5). Pr., MT 331, and Junior standing.

Marketing problems, policies, costs, channels of distribution, terminal markets, trade barriers and legislation.

490. Special Problems (1-5).

Variable content in the marketing or transportation area.

QUANTITATIVE METHODS (QM)

Associate Professor C. Golden (*Head*)

Assistant Professor McDevitt

QUANTITATIVE METHODS

274. Business Statistics I (5). 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, estimation, and hypothesis testing.

374. Business Statistics II (5). Pr., QM 274 or equivalent.

A continuation of Business Statistics I, and including distribution theory, decision theory, Bayesian statistics, regression and correlation.

475. Quantitative Methods of Management (5). Pr., QM 374, and Junior standing.

Use of quantitative methods in managerial decision making.

SCHOOL OF EDUCATION

STATEMENT OF OBJECTIVES

The general purposes of the School of Education of Auburn University at Montgomery are consistent with the overall objectives of the research, and service through extension to the people of Alabama and the Southeastern region. More specifically, the School of Education, within the province of the institutional objectives, strives to fulfill the following:

1. To provide young people seeking careers in education with the knowledge, skills, competencies and credentials necessary for entry into the successful performance in the teaching profession.
2. To contribute to the output of new personnel into education and thereby serve educational institutions and the people of the state and region.
3. To engage in educational research to provide an influx of new knowledge regarding teaching methods and materials.
4. To maintain a staff of qualified personnel who can provide technical assistance to school districts in Alabama.
5. To provide continuing graduate level work in education so that teachers may improve the quality of their instruction.

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 the freshman and sophomore education student initial field experiences in school or community settings. As an integral part of the following courses FED 104, FED 200, FED 210, FED 211, and FED 214, the student is provided laboratory time for observation, participation, and evaluation in field settings. The student may enroll in these courses before he is admitted to the Professional Education program.

THE PROFESSIONAL LABORATORY PROGRAM provides concurrent field experiences for students enrolled in the following professional methods courses, EED 301, 302, 315, 401, and 402; ECE 321, 322, 407, and 408; SPE 376, 411, 412, and others as determined by the instructor; SED 405, and 410. The student is provided laboratory time for involvement in actual teaching

experiences in his area of specialization. The student must be admitted to the Professional Education Program before he may enroll 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 ninety 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 104/200

FED 210 or 211

FED 214

EH 101, 102

SP 202

B. Health Requirements

1. The student must pass the speech and hearing examination as administered by the Speech and Hearing Clinic personnel on the fourth Friday of each quarter. In the event that results reveal a deficiency, remediation procedures would be communicated to the student; i.e., speech therapy or referral to a physician.
2. The student is required to submit evidence of a recent physical examination.

C. Self-Assessment

All FED 104/200 students would be administered the MTAI and the Strong-Campbell Interest Inventory in order that the advisor might be able to counsel the student more effectively in the area of his educational needs and goals. Once per quarter these tests will be administered for transfer students and certification students. Prior to the admission to Professional Education, the student will have an interpretative interview with his/her advisor.

D. Communication Skills

The student should demonstrate proficiency in reading, writing and speaking English as demonstrated by the following:

1. The student must have a grade point of 1.0 or better in SP 202 or its equivalent.
2. The student must have a grade point average of 1.0 or better in EH 101, 102 or their equivalents.
3. The student must submit a typed autobiography with his application to admission to professional education.

E. Scholarship

1. All students must have a minimum overall grade point average of 1.2 on all work taken prior to admission to professional education.
2. The secondary student must have a minimum grade point average of 1.5 in his *major* teaching field.
3. The secondary student must have a minimum grade point average of 1.5 in his *minor* field.
4. All students must have a minimum grade point average of 1.5 in their Foundations of Education courses.
5. The student must have a minimum score of 16 on the ACT examination. This score should be submitted when the student enters AUM or before the student completes 90 quarter hours.

F. Time Limit

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

G. Notification

After the student has applied for admission to Professional Education, his application file will be reviewed by his advisor and the Office of Laboratory Programs and the student will be notified of his 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

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

These criteria also apply to transfer students. Transfer students must achieve the minimum grade point average on at least 12 quarter hours completed during the first period of residence at AUM.

Admission To The Professional Internship Program

THE PROFESSIONAL INTERNSHIP, EED 425 or SED 425, is 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. No additional coursework nor employment is permitted without the approval of the Dean.

Prior to the internship the student must submit to the Director of Laboratory Programs an application for internship approved by his advisor. 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 work completed including the following professional courses or their equivalents as determined by the student's advisor: EED 301, 302, 315, 401, and 402; SED 405 and 410.

B. Scholarship

1. All students must have a minimum overall grade point average of 1.2 on all work taken prior to admission to the professional internship.
2. The secondary student must have a minimum grade point average of 1.5 in his major teaching field.
3. The secondary student must have a minimum grade point average of 1.5 in his minor field.
4. All students must have a minimum grade point average of 1.5 in their education courses.

After the student has applied for admission to the Professional Internship, his application file will be reviewed by his advisor and the Office of Laboratory Programs and the student will be notified of his 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.
- 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 at least one week.
- D. Interns must be responsible for planning, teaching and evaluating at least one major unit of work.

III. Persons To Whom These Criteria Apply

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

These criteria also apply to transfer students. Transfer students must achieve the minimum grade point average on at least 12 quarter hours completed during the first period of residence at AUM.

Teacher Certification Services

Programs in the School of Education are approved by the Alabama State Board of Education for certifying superintendents, supervisors, principals, counselors, and elementary, early childhood, special 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.

For detailed requirements for the Professional Certificate (Ranks B, A, or AA), consult the Alabama State Department of Education Bulletin 1966, No. 14 available in the Alabama State Department of Education, Certification Section.

UNDERGRADUATE PROGRAMS

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, special education, or secondary school teachers. The programs in education are composed of the following:

1. A broad core of courses which 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.

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 must develop a concentration of twenty quarter hours beyond the general curriculum requirements in Social Science, Mathematics, Science, Art, Psychology, Physical Education, Language Arts, Foreign Languages or other approved area.

Freshman Year

First Quarter	Second Quarter
EH 101 Eng. Composition .....5	EH 102 Eng. Composition .....5
HY 101 World History5	HY 102 World History5
BI 101 Prin. of Biology5	BI 104 Biology in Human Affairs .5
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15	15

Third Quarter

FED 104 Intro. to Prof. Educa.2
FED 200 Teacher Aideship3
SP 202 Applied Oral Com-
munication5
SY 201 Intro. to Sociology5
—
15

Sophomore Year

First Quarter	Second Quarter
MH 281 Elem. Math I .....5	MH 282 Elem. Math II .....5
HPER 212 Teaching Elementary	Literature Elective .....5
School Physical Education5	Social Science Elective5
Literature Elective5	FED 210 Child Growth and
Social Science Elective5	Development5
—	—
20	20

Third Quarter

FED 214 Psych. Found. of
Education5
GY 201 Phy. Geography or
GY 211 Cultural Geography5
Approved Electives5
FED 325 Soc. and Phil. Found.
of Education5
—
20

Junior Year**First Quarter**

AT 481 Public School Art	5
Approved Elective	5
PS 100 Intro. to Physical Science	5
	<hr/> 15

Second Quarter

MU 496 Music for Elementary Teachers	5
Approved Elective	5
Physical Science Elective	5
	<hr/> 15

Third Quarter

EED 301 Methods of Teaching Elementary Language Arts	5
EED 302 Methods of Teaching Elementary Social Studies	5
EED 315 Reading in the Elementary Schools	5
	<hr/> 15

Senior Year**First Quarter**

FED 490 Measurement and Evalua- tion in Teaching	5
EED 401 Methods of Teaching Elementary Science	5
EED 402 Methods of Teaching Elementary Mathematics	5
Approved Elective	5
	<hr/> 20

Second Quarter

Approved Electives	15
or	
EED 425 Prof. Internship	15
	<hr/> 15

Third Quarter

Approved Electives	15
or	
EED 425 Prof. Internship	15
	<hr/> 15

Total - - 200 Quarter Hours**ELEMENTARY CONCENTRATIONS****20 Hours Required in One Area****Art**

Approved courses in art.

Health, Physical Education, Recreation

Approved courses in health, physical education, recreation.

Language Arts

Approved courses in English, Speech, and Theatre.

Mathematics

Approved courses in Mathematics.

Psychology

Approved courses in Psychology.

Science

Approved courses in Biology, Chemistry, Physical Science.

Social Studies

Approved courses in History, Government, Sociology, Geography, and Economics.

EARLY CHILDHOOD (ECE)**Elementary/Early Childhood Education Dual Certification Program**

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

By following the outlined program for the Elementary Education Program and taking 20-25 quarter hours of the following Early Childhood Education Courses at the "Approved Electives" positions in the program, a student will be certified in Elementary Education and Early Childhood Education at the Class B level in Alabama.

Required Courses

ECE 321 Introduction to Early Childhood Education and Logical Activities	5
ECE 322 Creative Activities in Early Childhood Education	5
ECE 407 Guidance of Young Children	5
ECE 459 Practicum in Early Childhood Education	5-10

Electives

ECE 408 Working with Parents of Young Children	5
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SPECIAL EDUCATION (SPE)**Elementary/Special Education
with Endorsement in****Mental Retardation Dual Certification Program**

The primary purpose is to prepare elementary teachers with specific skills for teaching mentally retarded children.

A student may be certified in Elementary Education and Special Education with an Endorsement in Mental Retardation at the Class B level in Alabama by taking 30-35 quarter hours of the following Special Education Courses in the Area of Concentration and Approved Electives positions in the Elementary Education program.

Required Courses

SPE 376 Survey of Exceptionality	5
SPE 411 Characteristics and Nature of Mental Retardation	5
SPE 412 Methods and Materials for Teaching the Mentally Retarded	5
SPE 459 R Practicum in Special Education (MR)	5-10

Two Additional Approved Courses Such as the Following

SPE 403 Workshop in Special Education	1-10
SPE 407 Arts and Crafts for the Exceptional Child	5
SPE 430 Education of Children with Special Learning Disabilities	5
SPE 445 The Severely Mentally Retarded	5
HPE 416 Adapted Programs in HPE	5
SP 450 Principles of Speech Correction	5
SP 453 Speech Correction III; Language Development	5
Other Approved Courses	

Secondary/Special Education with Endorsement in Mental Retardation Dual Certification Program 30-35 Quarter Hours Minimum

Secondary students seeking Class B certification in special education (mental retardation) in addition to a subject matter area certification must meet the major and minor or heavy major requirements of secondary major and in addition pursue the following courses:

Required Courses

SPE 376 Survey of Exceptionality	5
SPE 411 Characteristics and Nature of Mental Retardation	5
SPE 412 412 Methods and Materials for Teaching the Mentally Retarded	5
SPE 459R Practicum in Special Education	5-10

Two Additional Approved Courses

SPE 403 Workshop in Special Education	1-10
SPE 407 Arts and Crafts for the Exceptional Child	5
SPE 430 Education of Children with Special Learning Disabilities	5
SPE 445 The Severely Mentally Retarded	5
HPE 416 Adapted Programs in HPE	5
SP 450 Principles of Speech Correction	5
SP 453 Speech Correction III; Language Development	5
Other Approved Courses	

CONCENTRATIONS

One can pursue a concentration (20 quarter hours) in general special education and/or mainstreaming exceptional children.

MAINSTREAMING EXCEPTIONAL CHILDREN

Elementary and Secondary education students are required to sign up for 1 hour of Introduction to Mainstreaming Exceptional Children with every FED course. SPE 104 is designed to be taken in conjunction with FED 104/200, SPE 210 with FED 210, ASPE 211 with FED 211, SPE 214 with FED 214, SPE 325 with FED 325, and SPE 490 with FED 490. These courses consist of modules, instruction, and experiences designed to aid in the identification, referral, and education of the exceptional child in the regular classroom.

PROGRAM IN HEALTH AND PHYSICAL EDUCATION (HPE)

Courses offered are of two types:

- (1) Professional courses in health and physical education, primarily for students preparing for careers in these areas.
- (2) Basic physical education or activity courses such as tennis, golf, dance, etc. open to all men and women of the University. Students enrolled in these courses will be expected to wear the proper apparel.

Each professional student will choose one of the following program options no later than the second quarter of the sophomore year. Each student should also have applied for admission to professional education no later than the second quarter of the sophomore year. An explanation of the programs options are as follows:

I. The Elementary/Secondary Physical Education Program

- a. Each student is required to take the professional core for a total of 59 hours.
- b. Each student is required to take both elementary and secondary methods courses and student teach in both elementary and secondary schools.
- c. Each student is expected to choose one of the following areas of emphasis no later than the second quarter of the sophomore year:

Adapted Physical Education

	Number of Hrs.
HPE 212 Teaching Phy. Ed. in the Elem. School	5
HPE 310 Professional Leadership in HPE	5
SPE 376 Survey of Exceptionalities	5
HPE 416 Adapted Programs in HPE	5

Elementary Physical Education

HPE 195 Safety and First Aid	5
HPE 212 Teaching Phy. Ed. in the Elem. School	5
HPE 310 Professional Leadership in HPE	5
HPE 422 Problems and Issues of HPE	5

Athletic Coaching

HPE 212 Teaching Phy. Ed. in the Elem. School	5
HPE 280 Psychology of Coaching	5
HPE 310 Professional Leadership in HPE	5
HPE 397 Fundamentals of Athletic Training	5

II. The Secondary Physical Education Program

- a. Each student is required to take the professional core for a total of 59 hours.
- b. Each student is expected to choose a minor program (Science, Math, English, etc.) no later than the second quarter of the sophomore year.

III. The Secondary Minor Physical Education Program

- a. Each student is required to take the minor core for a total of 45 hours.
- b. Each student is expected to have chosen a major from another area in secondary education (Science, Math, English, etc.)

All majors and minors will take BI 101, BI 104, and Physical Science 100 as prerequisites to Human Anatomy and Physiology (BI 310). Human Anatomy and Physiology should be taken as a prerequisite to Kinesiology (HPE 315). All the above should be taken as prerequisites to Physiology of Exercise (HPE 400).

All students majoring in health and physical education are required to have established 10 skill proficiencies and to have proficiently completed 8 professional skill activity courses.

Each Professional Student must select eight (8) quarter hours as specified from the activity courses below:

Area I (1 Qtr. Hr.)

	Number Hours
HPE 104 American Folk & Square Dance	1
HPE 105 Modern Dance	1
HPE 106 Social Dance	1

Area II (2 Qtr. Hrs.)

HPE 126 Touch Football	1
HPE 130 Volleyball	1
HPE 132 Softball	1
HPE 136 Basketball	1

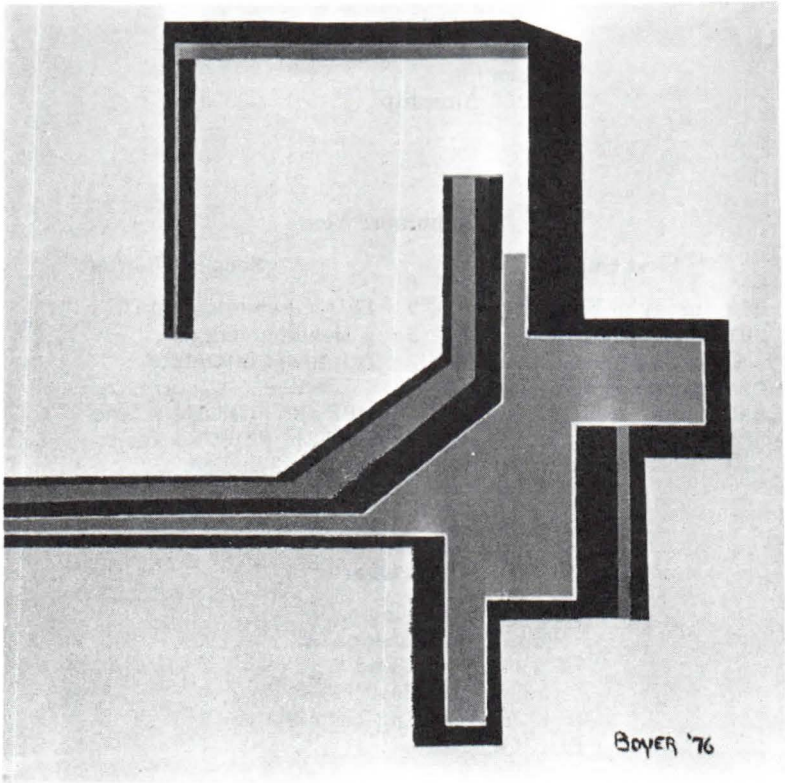
Area III (3 Qtr. Hrs.)

HPE 154 Badminton	1
HPE 156 Archery	1
HPE 158 Bowling	1
HPE 159 Golf	1
HPE 163 Beginning Tennis	1
HPE 164 Intermediate Tennis	1

Area IV (2 Qtr. Hrs.)

HPE 172 Physical Conditioning & Body Mechanics	1
HPE 173 Personal Fitness, Diet & Nutrition	1
HPE 174 Gymnastics	1
HPE 177 Weight Training	1

All students minoring in health and physical education are expected to develop proficiencies in a minimum of 5 sports skills or completed proficiently 5 activity skill courses. It is recommended that all professional students develop as many skill proficiencies as possible prior to graduation. To enhance teaching competency, these should be of a wide variety including individual, dual, team sports and activities. (One quarter hour is required to be selected Areas I, II, IV and two quarter hours selected from area III.)



HEALTH AND PHYSICAL EDUCATION (Elementary/Secondary Program)

Freshman Year

First Quarter	Second Quarter
EH 101 Eng. Composition .....5	EH 102 Eng. Composition .....5
HY 101 World History .....5	HY 102 World History .....5
BI 101 Prin. of Biology .....5	BI 104 Biol. in Human Affairs ....5
HPE 101 Intro. to Phys. Ed. ....2	HPE 115 Found. of Phys. Ed. ....5
Elective .....1	
—	—
18	20

Third Quarter

Math Elective .....5
Physical Science Elective .....5
SP 202 Appl. Oral Communication .....5
FED 104 Intro. to Prof. Education .....2
FED 200 Aideship3
—
20

Sophomore Year

First Quarter	Second Quarter
EH 253 Survey of Eng. Lit. ....5	FED 211 Adolescent Growth Development .....5
SY 201 Intro. to Sociology .....5	Approved Literature Elective .....5
HPE Area of Coaching .....2	HPE 195 First Aid & Safety .....5
HPE 219 Teaching Ind. and Dual Sports .....5	HPE 212 Phys. Ed. for Elem. Teacher .....5
Electives .....1	
—	—
18	20

Third Quarter

FED 214 Psychological Found. of Education .....5
HPE 295 School and Community Health .....5
HPE 222 Teaching Team Sports .5
Elective1
—
16

Junior Year**First Quarter**

FED 325 Social and Philosophical Found. of Education	5
HPE 397 Fund. of Athletic Train. .	5
HPE 316 Test and Measurement ..	5
Elective	1
	<hr/>
	16

Second Quarter

HPE 385 Prin. of Recreation	5
HPE Area of Emphasis	5
BI 310 Anatomy & Phys.	5
Elective	1
	<hr/>
	16

Third Quarter

HPE 315 Kinesiology	5
HPE Area of Emphasis	5
HPE Area of Emphasis	5
Elective	1
	<hr/>
	16

Senior Year**First Quarter**

SED 405 Teaching in Sec. Schools	5
SED 410 Program in Sec. Schools	5
HPE 400 Physiology of Exercise ..	5
Elective	1
	<hr/>
	16

Second Quarter

HPE 420 Organization — Admin. of HPE	5
HPE 416 Adaptive Prog. in HPE ..	5
HPE Area of Emphasis	5
Elective	1
	<hr/>
	16

Third Quarter

EED/SED 425 Prof. Internship Elem./Secondary Schools	15
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Total—200 Quarter Hours Required

SECONDARY EDUCATION (SED)

The program in secondary education is designed to provide the student a strong academic teaching field with a major in art, general business, health and physical education, English, mathematics, biological science, general social science, history, government, or sociology. The completion of a minor also allows the student to develop a second teaching field. The preparation program for secondary teaching is as follows:

Freshman Year**First Quarter**

EH 101 Eng. Composition	5
HY 101 World History	5
BI 101 Prin. of Biology	5
	<hr/>
	15

Second Quarter

EH 102 Eng. Compositiond .5	
HY 102 World History	5
BI 104 Biology in	
Human Affairs	5
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	15

Third Quarter

Math Elective	5
Physical Science Elective	5
SP 202 Appl. Oral	
Communication	5
FED 104 Intro. to Prof.	
Education	2
FED 200 Aideship	3
	<hr/>
	20

Sophomore Year**First Quarter**

EH 253 Survey of Eng. Lit.	5
SY 201 Intro. to Sociology	5
Physical Science Elective	5
Major-Minor	5
	<hr/>
	20

Second Quarter

FED 211 Adolescent Growth	
Development	5
Major-Minor	10
Approved Literature	
Elective	5
	<hr/>
	20

Third Quarter

FED 214 Psychological	
Found. of Education	5
Major-Minor	10

School of Education**Junior Year****First Quarter**

FED 325 Social and Philosophical	
Found. of Education	5
Major-Minor	10
	<hr/>
	15

Second Quarter

Major-Minor	15
	<hr/>
	15

Third Quarter

Major-Minor	15
Social Science	
Elective	5
	<hr/>
	15

Senior Year

First Quarter		Second Quarter	
SED 405 Teaching in		FED 490 Measurement and	
Sec. Schools .....	.5	Evaluation in Teaching .....	.5
SED 410 Program in Sec.		Major-Minor	10
Schools .....	.5		
Major-Minor	10		
	—		—
	20		15

Third Quarter

SED 425 Prof. Internship	
in Sec. School	15
	—
	15

Total—200 Quarter Hours

The major and minor options for secondary education students are outlined in the following chart:

Program Chart

Minors	Majors
Art	Art
Biology	Biology
Business (General)	Business (General)
Chemistry	Chemistry
English	English
History	History
Health, Physical Education	Teaching Field
	Health, Physical Education
Mathematics	Mathematics
Psychology	
Political Science	Political Science
and Government	and Government
	Social Studies
Sociology	Sociology

The major and minor requirements for secondary education students are outlined in the following pages. The required number of quarter hours credit necessary for the major and minor refers to courses taken beyond the liberal education requirements and after the student has entered the professional education program. The student may elect to take a heavy major without a minor in which case he must take fifteen additional hours in the major.

Art

Minor: 40 Quarter Hours

AT 111 Drawing I	5
AT 212 Drawing II	5
AT 121 Design Fundamentals I	5
AT 222 Design Fundamentals II	5
AT 332 Painting I	5
AT 295 Sculpture I	5
AT 341 Print Making I	5
AT 581 Public School Art	5

Major: 55 Quarter Hours

Minor requirements	40
Approved 300-400 level Art Electives	15

Biology

Minor: 30 Quarter Hours

BI 102 Plant Biology	5
BI 103 Animal Biology	5
BI 310 Human Anatomy & Physiology	5
Approved 300-400 level biology courses	15

Major: 45 Quarter Hours

Minor requirements	30
BI 420 Ecology	5
Approved 300-400 level biology courses	10

Business¹ (General)

Minor: 50 Quarter Hours

EC 201 Economics I	5
EC 202 Economics II	5
AC 201 Introductory Accounting I	5
AC 202 Introductory Accounting II	5
MN 310 Prin. of Management	5
MN 341 Business Law	5
IS 207 Data Processing	5
MN 205 Intermediate Typing	5
MN 206 Intermediate Shorthand	5
MN 415 Office Practices and Procedures	5

Major: 75 Quarter Hours

¹Any student working for a minor or major in general business education must demonstrate a proficiency in typing and shorthand.

Chemistry

Minor: 30 Quarter Hours

CH 102 General Chemistry II .....	.5
CH 103 General Chemistry III .....	.5
CH 201 Analytical Chemistry .....	.5
CH 301 Organic Chemistry I .....	.5
CH 302 Organic Chemistry II .....	.5
Approved 300-400 level chemistry course .....	.5

Major: 45 Quarter Hours

Minor Requirements .....	.30
CH 410 Physical Chemistry .....	.5
CH 420 Biochemistry .....	.5
CH 430 Instrumental Analysis .....	.5

English

Minor: 20 Quarter Hours

EH 257 Survey of American Literature .....	.5
EH 305 Adv. Expository Writing .....	.5
Approved 300-400 level English elective .....	.10

Major: 45 Quarter Hours

Minor requirements .....	.20
EH 258 Survey of American Literature .....	.5
EH 426 or	
EH 427 Shakespeare .....	.5
Approved 300-400 level English elective .....	.10

History

Minor: 30 Quarter Hours

HY 201 United States History .....	.5
HY 202 United States History .....	.5
Selection for Latin American Area .....	.5
Selection from non-western, non-American area .....	.5
Approved history courses .....	.10

Major: 45 Quarter Hours

Minor requirements .....	.30
Approved courses in areas of student's choice providing depth study in one area .....	.15

Health and Physical Education

Teaching Field: 59 Quarter Hours

HPE 101 Introduction to Physical Education .....	.2
*HPE 115 Foundations of Physical Education .....	.5
*HPE 195 Safety and First Aid .....	.5
*HPE 219 Teaching Individual & Dual Sports .....	.5

*Minor 45 Quarter Hours.

*HPE 222 Teaching Team Sports	5
*HPE 295 School and Community Health Science	5
*HPE 315 Kinesiology	5
*HPE 316 Test & Measurement of Physical Education	5
*HPE 400 Physiology of Exercise	5
*HPE 420 Organization & Administration of HPE	5
HPE 416 Adaptive Physical Education.....	5
HPE Coaching.....	2

Each person planning to teach physical education must acquire a minimum of 10 motor skill proficiencies or have completed 8 professional skill courses. (See Elementary/Secondary Program.)

Each minor must acquire a minimum of 5 motor skill proficiencies and have completed 5 professional skill courses.

*Minor 45 Quarter Hours

Mathematics

Minor: 35 Quarter Hours

MH 160 Algebra and Trigonometry	5
MH 161 Analytic Geometry and Calculus I	5
MH 162 Analytic Geometry and Calculus II	5
MH 163 Analytic Geometry and Calculus III	5
MH 320 Number System, or	
MH 321 Intro. to Analysis I	5
MH 331 Intro. to Modern Algebra I	5
MH 447 Found. of Plane Geometry	5
Major: 55 Quarter Hours	
Minor requirements	35
MH 332 Intro. to Modern Algebra II.....	5
Approved mathematics electives	15

Psychology

Minor: 35 Quarter Hours

PG 211 Psychology I	5
MH 267 Elementary Statistics	5
PG 430 Experimental Psychology	5
PG 415 Principles of Psychological Assessment	5
PG 325 Social Psychology	5
Approved 300-500 level psychology course	10

Political Science and Government

Minor: 30 Quarter Hours

GV 101 The Constitutional Foundations of	
American Democracy	5
GV 102 Institutions of American State and	
National Government	5
Approved 300-500 level government courses	20
Major: 45 Quarter Hours	
Minor requirements	30
Approved 300-500 level government courses	15

Social Science

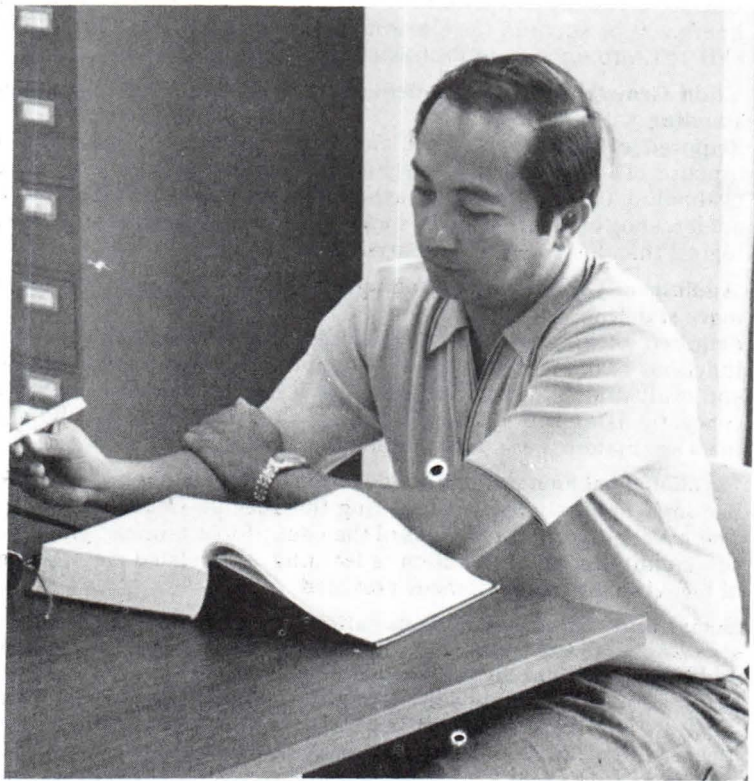
Major: 45 Quarter Hours

HY 201 United States History	5
HY 202 United States History	5
EC 201 Economics I	5
GV 101 Constuction Fnd. Am. Dem.	5
Approved electives from 300-400 level courses in sociology, economics, government or history	25

Sociology

Minor: 30 Quarter Hours

SY 201 Introduction to Sociology	5
SY 211 Cultural Anthropology	5
SY 510 Sociology of the Family	5
Approved 300-400 level sociology courses	15
Major: 45 Quarter Hours	
Minor Requirements	30
SY 202 Social Problems	5
SY 530 Minority Groups	5
Approved 300-400 level sociology course	5



DESCRIPTION OF COURSES

EDUCATIONAL FOUNDATIONS AND SECONDARY EDUCATION

Professor Boyer (*Head*)
Assistant Professor McElroy
Assistant Professors Blackwell and Simpson
Instructors Carr, Crippen and Portis

EDUCATIONAL FOUNDATIONS (FED)

104. Introduction to Professional Education (2).

Required of all students completing the Teacher Education Program. Orientation to the total program in teacher education. Specific attention is given to current trends and issues, career opportunities, training programs and laboratory experiences in education. *Must be taken concurrently with FED 200 Teacher Aideship.*

200. Teacher Aideship in Elementary or Secondary Schools (3). Pr., Department Approval.

Field experience in an appropriate elementary or secondary classroom under the direction of classroom teacher. The student functions as an aide to the teacher in the training-learning process. A minimum of forty hours will be spent in the classroom. *Must be taken concurrently with FED 104 Introduction to Professional Education.*

210. Child Growth and Development (5). Lec. 4, Lab. 2, Pr., Sophomore standing.

Required of all students in Elementary Education. Analysis of the function of the teacher and the school in the direction, measurement and evaluation of individual growth and developments, from birth to adolescence by using various sociological, philosophical and psychological theories. Field experiences provided.

211. Adolescent Growth and Development (5). Lec. 4, Lab. 2, Pr., Sophomore standing.

Required of all students in Secondary Education. Analysis of the functions of the teacher and the school in the direction, measurement and evaluation of individual growth and development, during adolescence, by using various sociological, philosophical and psychological theories. Field experiences provided.

214. Psychological Foundations of Education (5). Pr., Sophomore standing.

Required of all students completing the Teacher Education Program. The psychological dimensions of the educational process. The processes, conditions, and evaluation of learning, and related methodologies of teaching. Field experiences provided.

325. Social and Philosophical Foundations of Education (5). Pr., Junior standing and FED 214, 211 or 210, SY 201 or equivalent and 5 additional hours of Social Science.

Required of all students completing the Teacher Education Program. Analysis of the social role of the school and the major philosophical ideas influencing its development in American culture.

**Courses Accepted For Graduate
Or Advanced Undergraduate Credit**

- 483. Relationship Skills in the Classroom (5). Pr., Junior standing.**
Coursework emphasizing affective 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.
- 490. Measurement and Evaluation in Teaching (5). Pr., Senior standing and FED 325 or equivalent**
Methods, procedures, and evaluative instruments for determining teaching effectiveness, pupil learning, and attainment of educational goals in cognitive, psychomotor, and affective areas. Required of all students completing the Teacher Education Program. This course may be taught concurrently with FED 690.

SECONDARY EDUCATION (SED)

- 405. Teaching in Secondary Schools (5). Pr., FED 320 and 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., FED 320 and 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 (10-15). 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-January 30.

EDUCATION--GENERAL (EDN)

- 101. Career Planning and Occupational Choice (1).**
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.

SAFETY EDUCATION (STE)**400. Principles of Traffic Safety Education I (5). Pr., Department Approval**

A study of materials and methods needed in organizing and conducting a Traffic Safety program in the secondary schools. Emphasis is placed on the classroom phase of Traffic Safety. This course is necessary for State certification in Traffic Safety. This course may be taught concurrently with STE 600.

401. Principles of Traffic Safety Education II (5). Pr., Department Approval

A study of materials and methods needed in organizing and conducting the in-car phase of a Traffic Safety program. Behind-the-wheel instruction will be emphasized, but planning, implementing and scheduling of three and four phase programs utilizing simulation and multi-vehicle ranges will be covered. This course is necessary for State certification in Traffic Safety. This course may be taught concurrently with STE 601.

402. General School Safety (5). Pr., Department Approval

A study of the overall Safety Education program in grades K-12. Included will be the philosophy, function, procedures, and practices for use at school, home, and in occupations, and recreational facilities. This course is necessary for State certification in Traffic Safety. This course may be taught concurrently with STE 602.

451. Workshop in Safety Education (1-10). Pr., Department Approval

A study of selected practical problems in Traffic Safety Education. This course is designed to assist teachers in the areas of curriculum and instruction to include Motorcycle Safety, Elementary School Safety, Alcohol and Drug Education, Pedestrian Safety, Driver Education for the Exceptional Child, etc. This course may be repeated for credit not to exceed a total of 10 quarter hours. This course may be taught concurrently with STE 651.

CURRICULUM AND INSTRUCTION

Professor Maertens

Associate Professors K. Campbell (*Head*), Barretta, Martin, Warren, and Willard

Assistant Professors Graham, Remko, and Schrier

Instructors Arnold, Baggett, and Prater

EARLY CHILDHOOD EDUCATION (ECE)**321. 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.

322. 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 preprimary curriculum appropriate for the educational development of the normal or exceptional young child. Observations, simulated teaching exercises and other selected learning experiences are included.

407. Guidance of Young Children (5). Pr., FED 210 and FED 214 and 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, enhancing the normal or exceptional child's development of an adequate self-image, and methods of promoting cognitive development in a nursery and kindergarten school environment. 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 on both an individual and on a group basis. Emphasis is given to working with parents of the very young child and the exceptional child. This course may be taught concurrently with ECE 608.

459. Practicum in Early Education (3-10). Pr., ECE 321 and ECE 322 and ECE 407 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 the elementary school are emphasized. Students plan, present, and evaluate activities and resources in the areas of oral and written language and children's literature. 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.

315. Reading in the Elementary Schools (5). Pr., Admission to Professional Education.

Examining the reading process. Techniques, methods, and materials for improving reading skills including use of the Basal Reader Approach, Language-Experience Approach, Individualized Reading Plan and the Combination Reading Approach. Field experiences are provided.

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

Skills, techniques, concepts, and materials related to environmental education and science are emphasized. Students are actively involved in the preparation, presentation, and evaluation of materials and particular emphasis will be placed on the process approaches to learning. 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 preparation, presentation, and evaluation of materials and particular emphasis will be made on the discovery approaches to learning. Field experiences are provided.

415. Principles and Practices in the Teaching of Reading (5). Pr., Department Approval.

Analysis of reading, reading difficulties and specific approaches to the teaching of reading. Causes of reading disability, methods of diagnosis, procedures and materials for corrective work dealing with both group and individuals in a classroom setting are emphasized. This course may be taught concurrently with EED 615.

425. Professional Internship in Elementary Education (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.

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.
- 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 Severely Mentally Retarded (5). Pr., Junior standing.**
An indepth study of severe mental retardation with special emphasis on implications for the education and training of the severely 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.

HEALTH AND PHYSICAL EDUCATION (HPE)

Associate Professors Chapman and Elrod
Assistant Professor East
Instructor Gibbons

HPE 101. Introduction to HPE (2).

This course is designed to guide the student in a study of the nature and scope of health, physical education and recreation. Included will be the study of professional preparation, scientific principles, objectives, and the interdisciplinary approach.

HPE 115. Foundations of Health and Physical Education (5). Pr., HPE 101

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.

HPE 195. Safety and First Aid (5).

A course 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 application will also be stressed.

HPE 207. The Theory and Techniques of Coaching Basketball (2). Pr., Sophomore standing 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.

HPE 209. The Theory and Techniques of Coaching Baseball (2). Pr., Standing 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.

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

A study of games of low organization and play activities suitable to 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.

HPE 219. Methods, Theory and Techniques of Teaching and Officiating Individual and Dual Sports (5). Pr., HPE 115 and Sophomore standing.

A course designed to develop professional expertise in the organization and teaching of individual and dual sports. Emphasis is placed on theory, methods and effective techniques of teaching sports skills in many lifetime sport areas. Evaluation of knowledge, skills, appreciations, and attitudes will be stressed and the student is guided in the selection of appropriate tools of measurement. Students are assigned to master teachers and evaluated in laboratory experiences for partial fulfillment of the requirements in this course.

HPE 222. Methods, Theory and Techniques of Teaching and Officiating Team Sports (5). Pr., HPE 115 and Sophomore standing.

A course designed to develop professional expertise in the organization and teaching of team sports. Emphasis is placed on theory, methods and

effective techniques of teaching sports skills in selected team sports. Evaluation of knowledge, skills, appreciations, and attitudes will be stressed and the student is guided in the selection of appropriate tools of measurement. Students are assigned to master teachers and evaluated in laboratory experiences for partial fulfillment of the requirements of the course.

HPE 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 sport on society, crowd control, and the individual athlete. Current issues of physical education and athletics will be included.

HPE 295. School and Community Health Science (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.

HPE 310. Professional Leadership in HPE (5). Pr., Junior standing 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.

HPE 315. Kinesiology (5). Pr., PHS 100 and BI 310.

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.

HPE 316. Tests and Measurements in HPE (5). Pr., Junior standing 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.

HPH 385. Principles of Recreation

A course designed to orient the student to the field of recreation and to guide him 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.

HPE 397. Fundamentals of Athletic Training (5). Pr., Sophomore Standing or Department Approval.

A course designed to guide the student in organizing and administering an athletic training program, mental readiness for 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.

HPE 400. Physiology of Exercise (5). Pr., BI 310 and HPE 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.

HPE 416. Adapted Programs in HPE (5). Pr., Junior standing 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.

HPE 420. Organization and Administration of HPE (5). Pr., Senior standing 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.

HPE 422. Problems and Issues in HPE (5). Pr., Department Approval.

Independent study to provide research oriented experiences in the investigation of issues and problems in the field of HPE.

Professional Activity Courses**HPE 104. American Folk and Square Dance (1).**

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.

HPE 105. Modern Dance (1).

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.

HPE 106. Social Dance (1).

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.

HPE 126. Touch Football (1).

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 developing the basic skills of running, passing, punting, and receiving.

HPE 130. Volleyball (1).

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.

HPE 132. Softball (1).

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.

HPE 136. Basketball (1).

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.

HPE 154. Badminton (1).

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.

HPE 156. Archery (1).

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 appreciations.

HPE 158. Bowling (1).

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.

HPE 159. Golf (1).

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.

HPE 163. Beginning Tennis (1).

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.

HPE 164. Intermediate Tennis (1).

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 playing experience or have taken a beginning tennis course before registering for this course.

HPE 172. Physical Conditioning and Body Mechanics (1).

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.

HPE 173. Personal Fitness, Diet & Nutrition (1).

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.

HPE 174. Gymnastics (1).

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.

HPE 177. Weight Training (1).

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.

HPE 190. Varsity Basketball (1). Pr., Department Approval.

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

HPE 191. Varsity Baseball (1). Pr., Department Approval.

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

HPE 192. Varsity Tennis (1). Pr., Department Approval.

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

HPE 193. Varsity Golf (1). Pr., Department Approval.

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



SCHOOL OF LIBERAL ARTS

LIBERAL ARTS EDUCATION

Educated men and women by no means agree about everything that a liberal education should include, but nearly all 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 those 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 (History/Sociology); should overcome geographical provincialism through a knowledge of cultures other than their own (Foreign Languages/Cultures); 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 (Literature/Philosophy); must 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, finally, cultivate a knowledge and appreciation of aesthetics through exposure to the Fine Arts.

The Liberal Arts Core Curriculum at AUM reflects these assumptions about the fundamentals of education and is 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.

THE GENERAL CURRICULUM

- I. **OUR CULTURE: ITS HISTORY AND SOCIAL STRUCTURE 25 HOURS**
 - World History10 hours
(HY 101, 102)
 - Introduction to Sociology5 hours
(SY 201)
 - Course Option10 hours
(To be selected from any 200 level or above course in History and/or the following courses in Sociology, Geography, or Government: SY 202, 212, GY 211, or GV 102)
- II. **OUR CULTURE: ITS WRITTEN AND SPOKEN LANGUAGE15 HOURS**
 - English Composition10 hours
(EH 101, 102)
 - Applied Oral Communication5 hours
(SP 202)

III. FOREIGN LANGUAGES AND CULTURES10 HOURS

Course Option: The student may select 10 hours from among any of the following foreign language skills courses and foreign culture courses: FL 121, 122 (Elementary French); FL 131, 132 (Elementary Spanish); FL 120 (French Culture); FL 130 (Hispanic Culture); HY 250 (Cultural History of the Far East); HY 252 (Cultural History of Russia); SY 211 (Cultural Anthropology); SY 375 (New World Civilizations).

NOTE: Several Liberal Arts graduate programs require their students to have a thorough knowledge of a foreign language. Students planning to pursue graduate work should consult with their advisors regarding the graduate requirements of their major field.

IV. OUR CULTURE: ITS LITERARY AND PHILOSOPHICAL CONCEPTS15 HOURS

Literature5 hours
(EH 253, 254, 257, 258, 260, 261)

Philosophy5 hours
(PH 201, 310, 313, 315, 317)

Course Option5 hours
One additional course to be selected from any of the courses listed above in either literature or philosophy.

V. APPROACHES TO SCIENTIFIC AND ANALYTICAL METHODS15 HOURS

Natural Sciences10 hours
(BI 101, 102, 104, PHS 100, 105, 110 other natural and physical sciences as recommended by advisor)

Mathematics5 hours
(MH 100, 150, or 160 or other mathematics courses as recommended by advisor)

VI. OUR CULTURE: ITS FINE AND PERFORMING ARTS ... 10 HOURS

Course option: Two courses to be selected form among AT 251, 252, 261, MU 201, 250, 251, or SP 204, 300, 304

Junior and Senior Years

In addition to the requirements of the General Curriculum, the student is to complete during his junior and senior years his major requirements of at least 35 hours (see departmental requirements), two minors of at least 15 hours each (or a double minor of at least 30 hours), and sufficient electives to insure the completion of 200 quarter hours of college work. All degree programs in the School of Liberal Arts require 200 hours for completion.

Majors

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

AT Art
EH English
HY History

SP Speech
SY Sociology
BGS Bachelor of General Studies

Minors

Students who choose one of the above majors will select two minors (minimum of 15 hours credit in each) or one double minor (minimum of 30 hours credit in one area) from the following: Applied Communications, Art, Biology, English, Foreign Language, Geography, Government, History, Mathematics, Music, Philosophy, Psychology, Sociology, Speech, Theatre, or appropriate courses in the Schools of Business or Education.

ALL MAJOR AND MINOR COURSES MUST BE NUMBERED 200 OR ABOVE (with the exception of courses in Art and Music curricula). No course which is a required course in the School of Liberal Arts General Curriculum may apply toward either a major or a minor.

Special Requirements for Majors

Since each of the departments within the School of Liberal Arts has specific requirements for its majors and these requirements will vary significantly from one department to another, it is imperative that the student consult with his advisor in the department of his major field of study early in his college career and on a regular basis thereafter. After the student has designated a particular area as his major field of study, he will be assigned an advisor in the appropriate department; and this advisor is responsible for working with the student to insure that his program meets general Liberal Arts and departmental requirements. It is, however, the responsibility of the student to meet with his advisor on a regular basis.

LIBERAL ARTS DEPARTMENTS AND DEPARTMENTAL REQUIREMENTS

DEPARTMENT OF ART AND MUSIC

Professor Schwarz (Head)
Assistant Professor Coley
Instructor Lund

Adjunct Instructors Gordon, Toffaletti, and Whetstone

The department, combining the disciplines of art and music, currently offers a major in art and minors in art and music. The art major requires at least sixty hours in studio art. An art minor consists of at least fifteen hours of art courses. One may major in art and also take a minor in art. Students wishing to teach art in elementary or secondary school may take a program which combines the major in art with the appropriate Education courses to qualify for teacher certification. A student interested in this latter alternative must arrange to have advisors in both art and education and should be prepared to take more than the 200 hours required for the B.A. degree if that proves necessary.

The art major is required to take a minimum of sixty credit hours in art. In addition to Art History 1 and Art History 2(AT 251, 252) which the art major takes to satisfy Category VI of the Liberal Arts Core Curriculum (see above), the required art major curriculum is as below. Note that there are 35 credit hours of art requirements (each of the courses below carries 5 credit hours), leaving 25 credit hours of art electives (for selections see under description of Courses below).

Art 111 - Drawing 1
Art 121 - Design 1
Art 212 - Drawing 2
Art 222 - Design 2
Art 295 - Sculpture 1
Art 332 - Painting 1
Art 341 - Printmaking 1

The art program at AUM offers the serious art 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 properly the student wishing to do graduate work in one of these areas at either the M.A. or M.F.A. degree level. Students wishing to pursue careers in the business community should find the AUM Liberal Arts/Fine Arts orientation an excellent preparation.

The Fine Arts Gallery is a campus facility providing the university community with exposure to exhibitions of professional artists, faculty and students. Extracurricular activities such as an annual Christmas Art Sale of student and faculty work and a Spring Festival of Fine Arts as well as the proximity of the Montgomery Museum of Fine Arts provide a stimulating environment for the study and creation of the fine arts at AUM.

Non-matriculating Students

The Department 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 program, it is recommended that such students plan to take whatever studio courses they wish for credit rather than for audit. Non-matriculating students who wish to audit lecture courses in the department, e.g. art or music appreciation or art or music history, may either audit or enroll as above.

DEPARTMENT OF ENGLISH

Associate Professors Billingslea, Hill, *Head*; Nance, and Williams
Assistant Professors Crowley, Jones, Leveque, and Willis
Instructors Barfoot, Brown, Gaines, Gerogiannis, Medley, Thetford, and
Waldo

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

The English Major (EH or EHC). The student wishing to major in English may select one of two program options: English (EH) or English/Applied Communications (EHC).

English: This program provides traditional background in the great works of literature of Europe and the United States and emphasizes the skills of writing, analysis, and criticism. Requirements are as follows: EH 253, EH 254, and EH 257 or 258; 15 hours of a foreign language; an additional 5 hours of a foreign language or one of the following: EH 405, EH 406, or 407; Literary Criticism, EH 408; 5 hours of English or European history. In addition, 30 hours of English courses at the 300 level or above are required. These must include: (a) One course in American Literature and three courses in British or Continental Literature; (b) One course each in the following literary periods: Medieval-Renaissance; 17th-18th centuries; 19th century; 20th century; (c) One course each in the following genres: prose fiction, poetry, drama. (A single course may fulfill several requirements simultaneously).

Applied Communication: This program is designed to provide an option within the English program for the student interested in the theories and skills involved in the area of mass communications (journalism, broadcasting, photography, public relations). Courses within the program are designated by the prefix EHC. Requirements are as follows: 35 hours of English/Applied Communication (EHC) courses; 15 hours of English (EH) courses above the core curriculum requirement, one course of which must be EH 301, EH 305, EH 306, EH 405, EH 406, or EH 407. As a correlative to this degree option, students are encouraged to minor in Psychology, Sociology, Speech, Business, or English.

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

DEPARTMENT OF HISTORY

Professor Sterkx (*Head*) and Dodd
Associate Professor Fair
Assistant Professor Berkley
Instructor Warren

THE HISTORY MAJOR (HY). Fifty hours of history are required above the World History 101 and 102 courses. History majors may choose three courses of the Archives and Museum Studies (HY 400, 401, and 402) as one of the minors or select one of the minors in history from either the European or United States history concentrations. The history major should consult the History Department every quarter of the junior and senior years regarding completion of his major and minor fields. The specific program to include:

Required Courses:

- (1) HY 201 and 202 History of the United States (10 hours);
- (2) 10 hours of European History;
- (3) 5 hours from one of the three following areas: Far East, Latin America, or the British Empire and Commonwealth;
- (4) At least 20 of the 50 hours required for history majors should be at the 300 and 400 level.

Archives and Museum Studies. The History Department also offers a degree option in Archives and Museum Studies which is designed to provide career opportunities to History majors. Its purpose is to combine the student's preference for a Liberal Arts education with that of a vocational course of studies. It is a 50 hour curriculum in History which includes the specialized courses in History 400, 401, and 402. It also includes minors in English and Sociology and the required general curriculum of the School of Liberal Arts. The requirements for this program are:

History

- HY 214 History of Alabama
- HY 400 Introduction to Archives and Museum Studies
- HY 401 Archives and Museum Administration
- HY 402 Archives and Museum Internship
- HY 413 History of the Old South
- HY 414 History of the New South
- 10 hours of directed history electives

English Minor

- EH 305 Advanced Expository Writing
- EH Elective
- EH Elective

Sociology Minor

- SY 211 Cultural Anthropology
- SY 212 Intro. to Archaeology
- SY 370 North American Indian

Art

- AT 251 Art History I
- AT 252 Art History II

Languages

French or Spanish, 15 hours

Recommended Electives

- AC 201 Introduction to Accounting
- AC 202 Introduction to Accounting
- MH 310 Principles of Management
- GV 431 Public Administration in State and Metropolitan Government

For further information see Head, Department of History

DEPARTMENT OF SOCIOLOGY

Associate Professors Bogie, D. Harrison (*Head*) and Sheldon
Assistant Professors Broadfoot, Rankin, and Tieman

The Department of Sociology includes four different disciplines: sociology, anthropology, social work and geography.

THE SOCIOLOGY MAJOR. The student electing to major in sociology may choose one of four concentrations: general sociology, deviant behavior, anthropology, or social work.

GENERAL SOCIOLOGY CONCENTRATION - - Minimum of 45 hours

Required Courses

SY 211 Cultural Anthropology	.5
SY 302 Research and Methodology I	.5
SY 402 Social Theory	.5
MH 267 Elementary Statistics	.5

Electives:

Courses in sociology25
 (20 hours numbered 300 level or above)

DEVIANT BEHAVIOR CONCENTRATION -- 50 hours**Required Courses:**

SY 202 Social Problems5
 SY 211 Cultural Anthropology5
 SY 302 Research and Methodology I5
 SY 320 Juvenile Delinquency5
 SY 321 Criminology5
 SY 402 Social Theory5
 SY 423 Sociology of Deviant Behavior5
 SY 430 Minority Groups5
 MH 267 Elementary Statistics5

Elective:

SY 220, SY 340, SY 405, or SY 4105

ANTHROPOLOGY CONCENTRATION -- 60 hours**Required Courses:**

SY 210 Principles of Physical Anthropology5
 SY 211 Cultural Anthropology5
 SY 212 Introductory Archaeology5
 SY 498 Independent Study5
 (During their senior year, students are expected to complete an original research project, SY 498, under the direction of a faculty member.)

Electives:

Courses in anthropology 300 level or above25
 Courses in related discipline15
 (Subject to approval of advisor)

SOCIAL WORK CONCENTRATION -- 65 hours**Required Courses:**

SY 220 Introduction to Social Welfare5
 SY 221 Social Welfare: Policies and Services5
 SY 302 Research and Methodology I5
 SY 330 Human Behavior and Social Environment5
 SY 350 Social Work Methods I5
 SY 351 Social Work Methods II5
 SY 450 Field Placement I10
 SY 451 Field Placement II10
 MH 267 Elementary Statistics5
 PG 211 Psychology I5
 PG 435 Behavior Pathology5

Electives:

In completing the additional hours required for graduation, the student is encouraged to select electives from the following courses -- SY 203, 211, 340, 402, 405, 410, 415, 416, 420, 430, EC 201, 202, GV 101, 340, HY 202, and PG 318.

The Department of Sociology does not offer a degree program or concentration in geography. Students, however, may meet a minor requirement in this discipline.

Under a major-minor option in the Department, the student pursuing the general sociology or deviant behavior concentration may minor in anthropology or social work by completing 15 hours at the 200 level or above beyond the requirements of the particular concentration. In addition, the student choosing either the anthropology or social work concentration may minor in general sociology or deviant behavior by completing 15 hours at the 200 level or above beyond the requirements of the particular concentration.

DEPARTMENT OF SPEECH AND THEATRE

Associate Professors Cornell and R. Gaines, *Head*
Assistant Professor Borden and Pankey
Instructor Robinson

There are three different disciplines within the department: speech communication, speech pathology and audiology, and theatre. No matter which discipline a student elects he will work in both academic and laboratory environments. For the speech communication discipline the laboratory is the forensic and public address program. For the speech pathology and audiology discipline the laboratory is the Speech and Hearing Clinic. For the theatre discipline, Theatre AUM is the laboratory. In the laboratory environment the student explores practical ways of putting complex intellectual knowledge to work. One learns that one's decisions and actions influence others and one acts responsibly. One learns therefore to be a prudent steward of one's time, ability, skill and talent.

Because speech and theatre majors are leaders not only at AUM but after graduation, a student takes advantage of the many leadership training opportunities afforded him in both the academic and laboratory wings of the department. Our major realizes that success in whatever one undertakes in life after graduation is dependent upon habits one develops as one utilizes the opportunities the department affords one now. Hard work and dedication learned here carry over into whatever one undertakes in life.

The speech major. Fifty-five hours in Speech are required. A Speech Major may emphasize Speech Communication, Speech Pathology/Audiology, or Theatre. (See specific program outlined below.) Under a major-minor option in Speech, the student may elect to major in one of these three areas and then take a fifteen-hour minor in a speech area not selected as a major.

Option I. Speech Majors with an emphasis in Speech Communication.

- A. Courses within the Department.
- SP 204 Theatre Appreciation(5)
 - SP 350 Introduction to Pathology(5)
 - SP 403 Communication Theory(5)
 - SP 413 Argumentation(5)
 - SP 414 Classical & Medieval Rhetorical Theory(5)
 - SP 415 Modern & Contemporary Rhetorical Theory(5)
- B. Choices within the Department.
- SP Small Group Discussion or
 - SP 312 Interpersonal Communication(5)
 - SP 311 Public Speaking or
 - SP 411 Persuasion(5)
 - SP 300 Oral Interpretation or
 - SP 441 Phonetics(5)
 - Speech Communication Electives(10)
- C. Courses outside the department
- 1. EH 305 Advanced Expository Writing(5)
 - 2. EHC 412 Public Opinion & Propaganda(5)

Option II. Speech majors with an emphasis in Speech Pathology/Audiology.

- A. Courses within the department.
- SP 340 The Speech and Hearing Mechanism(5)
 - SP 350 Introduction to Speech Pathology and Audiology(5)
 - SP 355 Clinical Procedures in Pathology(1-3)
 - SP 365 Clinical Procedures in Audiology(1-3)
 - SP 441 Phonetics(5)
 - SP 451 Speech Correction I(5)
 - SP 452 Speech Correction II(5)
 - SP 453 Speech Correccion III(5)
 - SP 460 Introduction to Audiology(5)
 - SP 461 Hearing Pathology(5)
 - SP 462 Aural Rehabilitation, Habilitation and Hearing Conservation (5)
- B. Speech Electives chosen from 204, 273, 304, 311, 403, 411, 412, 414, and 415.(10)
- C. Courses outside the department.
- EH 305 Advanced Expository Writing(5)
 - SPE 376 Survey of Exceptionality(5)

Option III Speech Majors with an emphasis in Theatre.**A. Courses within the department.**

SP 204 Theatre Appreciation	(5)
SP 300 Oral Interpretation	(5)
SP 341 Acting and Directing	(5)
SP 361 Scene Design & Technology	(5)
SP 403 Communication Theory	(5)
SP 431 Theatre Repertory	(5)
SP 340, 350, or 441 Pathology courses	(5)
SP 210, 211, or 220 Workshop & Practicum courses	(10)
Theatre Electives	(10)

B. Courses outside the department.

Art 261 Art Appreciation	(5)
EH 305 Advanced Expository Writing	(5)
EH 370 Literary Criticism	(5)
EH 451, 452, 461, 463, or 492 (a drama course)	(5)
HY 412 Cultural & Intellectual History of the US	(5)
MU 201 Music Appreciation	(5)

MINORS IN LIBERAL ARTS

A student who majors in any one of the Liberal Arts areas may also minor in any of the other disciplines in Liberal Arts. While Art, English, History, Sociology, and Speech can serve as both major and minor areas, there are a few disciplines in Liberal Arts which function only as minor areas. These are:

THE FOREIGN LANGUAGE MINOR (FL). A minor will consist of 15 hours in one language beyond the general Liberal Arts requirement.

THE GEOGRAPHY MINOR (GY). A minor will consist of 15 hours of Geography at the 200 level or above.

THE MUSIC MINOR (MU). A minor will consist of 15 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 15 hours of Philosophy at the 200 level or above.

THE REGIONAL STUDIES MINOR (RS). This is an interdisciplinary minor which conjoins courses from the fields of history, English, sociology, and geography. A minor will consist of 15 hours, and a double minor of 30 hours, from the following courses: (1) HY 214, History of Alabama; (2) HY 413, The South to 1865; (3) EH 477, Southern Literature; (4) HY 414, The South Since 1865; (5) SY 430, Minority Groups; (6) SY 411, Regional Sociology; (7) GY 361, Geography of the South.

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.

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, applied communications, speech, languages, and literature. A minimum of 20 hours is required in this area.

Natural Sciences/Mathematics: includes physical sciences, biological sciences, earth sciences, and mathematics.

Social Sciences: includes anthropology, history, government, psychology, geography, sociology, and economics. A minimum of 20 hours is required in this area.

Complementary Areas: allows for a wide diversity of courses in areas excluded by, but complementary to, the above three categories, such as Business and Education.

3. Systematic advising will be an integral part of the candidate's experience under the BGS program. The student and his advisor are to work out the balance and distribution of courses taken within these four areas. The option to concentrate in one academic discipline is offered under the BGS, provided the student has course work within the four study areas designated above.

4. A minimum of sixty hours of the student's course work is to be at the 300 level or above. Therefore, the BGS student should insure that he has sufficient prerequisites in one or more 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 to the BGS curriculum must be enrolled in the BGS program for at least two quarters (for an accumulated 30 hours credit) prior to 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

(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 these majors in order of preference: English language and literature, government, economics, American history, mathematics, English history, Latin, logic and scientific method, and philosophy.

Most law schools do not prescribe any particular curriculum of pre-law study, but normally require as a condition for admission that the applicant has successfully completed the following undergraduate work or its equivalent:

	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 languages, criminal justice, accounting, and computer science. 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.

URBAN STUDIES

(Also designated in the School of Sciences)

The Urban Studies option offers an undergraduate curriculum to meet the growing demand for students who can provide an interdisciplinary synthesis of urban problems. The Urban Studies topic areas are: economics, English, geography, government, history, psychology, and sociology.

To receive a baccalaureate degree in Urban Studies, a student must:

- (1) Complete the General Course Requirements outlined below.
- (2) Select one of the two alternatives noted below (A or B) and complete its course requirements.
 - (A) Forty five hours of Urban Studies courses (including GV 485, Thesis in Urban Studies and eight additional five hour courses from at least four of the seven Urban Studies areas).
 - (B) Fifty five hours of Urban Studies courses (with GV 485 waived) including courses in at least five of the seven Urban Studies areas.
- (3) Complete the requirements for two fifteen-hour minors, one of which must come from the seven Urban Studies topical areas (above) or Regional Studies.

Freshman Year**First Quarter**

EH 101 English Composition5
 HY 101 World History5
 GV 101 American Government . . .5

 15
Second Quarter

EH 102 English Composition5
 HY 102 World History5
 GV 102 Amer. State &
 Local Government5
 Elective5

 20
Third Quarter

MH 150 or MH 1605
 SY 201 Intro. to Sociology5
 HY 201, HY 202 or PG 2115
 Elective5

 20
Sophomore Year**First Quarter**

EH 305 Advanced Expository
 Writing5
 MH 267 Elementary Statistics . . .5
 HY 201, HY 202, PG 2115

 15
Second Quarter

Natural Sciences5
 HY 201, HY 202, PG 2115
 EC 201, Economics I5
 Elective5

 20

Third Quarter

Natural Sciences	5
EC 202, Economics II	5
Elective	5
	—
	15

During the Junior and Senior years, the Urban Studies student will complete the required number of hours for the option, the two minors and elective work to total 200 hours. Students majoring in US should consult, on a quarterly basis, with their advisors in the Urban Studies Program.

GERONTOLOGY
(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.

SPEECH AND HEARING CLINIC

Operated by the Department of Speech and Theatre, the AUM Speech and Hearing Clinic is a comprehensive facility serving Central Alabama. Located on the first floor of the Liberal Arts Building, the Clinic provides complete diagnostic and therapeutic services to children and adults.

The Speech and Hearing Clinic benefits students in the area of Speech Pathology and Audiology by affording them practical experience in dealing with speech and hearing problems.

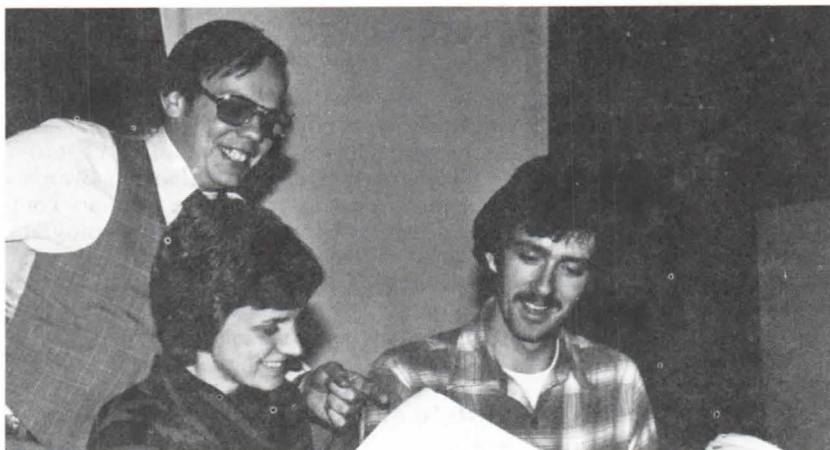
THEATRE AUM

THEATRE AUM is the production arm of the Department of Speech and Theatre and, as such, is responsible for all co-curricular theatrical activity at AUM. Full-length plays are produced each quarter. Auditions for all AUM productions are open to the entire community and are held on the first and second days of classes at 3:15 P.M. in Goodwyn Hall Auditorium. Rehearsals are scheduled five days a week, Monday through Friday, throughout the quarter from 3:15 to 5:20 P.M. Performances are usually held the week before the last week of classes. Persons interested in working with THEATRE AUM, either onstage or backstage, should contact the Head of the Department of Speech and Theatre. Past productions at AUM have included *The Contrast*, *Animal Farm*, *Our Town*, *Oedipus Rex*, *Barefoot in the Park*, *Hymn to the Rising Sun*, *The Second Shepherds' Play*, *Everyman*, *The Mandrake*, and *The*

Mousetrap, Blithe Spirit, She Stoops to Conquer, All My Sons, The Menaechmi Twins, Wait Until Dark, God's Favorite, Clarence Darrow, The Belle of Amherst, Brigadoom, and The Rainmaker.

FOREIGN STUDIES CREDIT

AUM will accept credits earned abroad by students enrolled in the summer programs offered by the American Institute for Foreign Study. Opportunity to participate in the AIFS summer programs will be made available to AUM students. For further information, contact the Dean of the School of Liberal Arts.



DESCRIPTION OF COURSES

Art (AT)

- 111. Drawing 1 (5).**
Object drawing & perspective. Media: Charcoal, pencil, ink, etc.
- 121. Design 1 (5).**
An exploration of the basic elements and principles of two-dimensional design. Limited color, various media.
- 171. Open Studio (5).**
A course for both the art and non-art major. Painting and drawing problems are undertaken by the student with the instructor's approval. Instruction is at the beginning or more advanced level depending upon the student's needs. Weekly critiques of work done in and outside of class are held. May be repeated for credit.
- 212. Drawing 2 (5). Pr., AT 111.**
A continuation of object drawing with emphasis on the representation of volume.
- 213. Drawing 3 (5). Pr., AT 212.**
Emphasis on creativity and composition; various media.
- 222. Design 2 (5).**
Basic principles and practice in the use of color.
- 223. Design 3 (5). Pr., AT 212 and 222.**
Configurational studies based upon principles developed in earlier design courses.
- 251. Art History 1 (5).**
A survey of the visual arts from prehistoric times through the Renaissance.
- 252. Art History 2 (5).**
A survey of the visual arts from the Renaissance to the present.
- 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 and exercise esthetic discernment.
- 295. Sculpture 1 (5). Pr., AT 111, 121**
Modeling; various additive media.
- 323. Introduction to Commercial Art (5). Pr., AT 11 and 121**
An introduction to the principles, disciplines and techniques of commercial art for the art student interested in an art/business career.
- 332. Painting 1 (5). Pr., AT 121, 222, and 213.**
Painting in oil (and/or possibly other media) in abstract and representational modes.

- 341. Printmaking 1 (5). Pr., AT 121, 222 and 213 or 223.**
Drawing and design utilizing relief (block print) and stencil (silkscreen) media. May be repeated for credit.
- 342. Printmaking 2 (5). Pr., AT 121, 222 and 213 or 223.**
Drawing and design utilizing intaglio (etching) media. May be repeated for credit.
- 351. History of Modern Art (5). Pr., AT 251 and 252 for art majors, none for others.**

The analysis of painting and sculpture produced in the West from the first quarter of the nineteenth century to the present time.
- 395. Sculpture 2 (5). Pr., AT 295***
Carving in various subtractive materials.
- 401. Individual Studio Project 1 (5). Pr., Department Approval.**
Advanced work in the various art disciplines designed by the student with approval of faculty involved. May be repeated for credit. This course may be taught concurrently with AT 601.
- 414. Drawing 4 (5). Pr., AT 213.**
Figure drawing using various approaches and media. May be repeated for credit. This course may be taught concurrently with AT 614.
- 434. Painting 2 (5). Pr., AT 332.**
Advanced painting; optional problems and media. May be repeated for credit. This course may be taught concurrently with AT 614.
- 451. Colloquium in the Arts (5). Pr., Junior standing.**
The commonalities and differences between the visual arts, music and literature are investigated. Research and discussion may center around an historical period, style or motive. This course may be taught concurrently with AT 651.
- 481. Public School Art (5). Pr., Junior standing.**
Materials and methods for the development of art activities in elementary and secondary schools. This course may be taught concurrently with AT 681.
- 495. Ceramics I (5). Pr., AT 111 and 121*.**
An introduction to the properties and uses of clay involving hand-building techniques for creative purposes and basic glazing and firing procedures.
- 496. Ceramics 2 (5). Pr., AT 495.**
An introduction to the potter's wheel and methods related to functional pottery making and design. Continued handbuilding techniques with an emphasis on form and expression. Basic clay and glaze formulation.
- 497. Ceramics 3 (5). Pr., AT 496.**
Advanced directed study in ceramics.

*For Art Majors; None for others.

ENGLISH (EH)

- 100. Developmental English (5).**
Elements of English grammar and composition for special writing deficiencies. The course may serve for elective credit but will not substitute for EH 101 or 102.
- 101. English Composition (5).**
The essentials of composition and rhetoric.
- 101H. English Composition I, Honors Section (5). Pr., permission of instructor.**
- 102. English Composition (5). Pr., EH 101.**
The essentials of composition and rhetoric. Study of various literary genres.
- 102H. English Composition II, Honors Section (5). Pr., permission of instructor.**
- 141. Scientific Vocabulary (3). Pr., EH 102.**
Prefixes, suffixes, and the more common root words of scientific terminology.
- 253. Survey of English Literature (5). Pr., EH 102.**
English literature from Beowulf through the Eighteenth Century.
- 254. Survey of English Literature (5). Pr., EH 102.**
English literature from the beginning of the Nineteenth Century to the present.
- 257. Survey of American Literature (5). Pr., EH 102.**
American literature from the beginning to 1860.
- 258. Survey of American Literature (5). Pr., EH 102.**
American literature from 1860 to the present.
- 260. Survey of Literature of Western World* (5). Pr., EH 102.**
The study of classical Greek and Roman, Medieval, and Renaissance literature.
- 261. Survey of Literature of Western World* (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.
- 304. Research Paper Writing (5). Pr., EH 102.**
This course will provide in-depth examination of research sources and writing techniques. The format for documentation in the major disciplines will be covered.

*EH 260 and EH 261 may be substituted for EH 253 and 254 in all curricula except that of the English major.

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 specialized documentation.

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., Sophomore standing.

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., Sophomore standing.

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. Literature Since 1950 (5). Pr., EH 102.

A study of contemporary fiction, poetry, and drama, the specific focus to be announced at each scheduling of the course.

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.

405. Advanced English Grammar (5). Pr., Junior standing.

Study of English grammar, punctuation, and sentence syntax. (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.

415. Medieval Literature (5). Pr., Junior Standing.

A study of English and/or Continental Literature from the Old English Elegy through Morte D'Arthur.

- 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.)
- 422. Development of the English Drama (5). Pr., Junior standing.**
English Drama, exclusive of Shakespeare, from the beginning to 1642. (May be offered concurrently with EH 622.)
- 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 from the Restoration to the mid-18th century. (May be offered concurrently with EH 641.)
- 442. Restoration and 18th Century Drama (5). Pr., Junior standing.**
A study of comedy and tragedy from Dryden to Sheridan. (May be offered concurrently with EH 642.)
- 443. British Novel I (5). Pr., Junior standing.**
The British Novel from Daniel Defoe to Jane Austen. (May be offered concurrently with EH 643.)
- 451. The English Romantic Movement (5). Pr., Junior standing.**
A study of Romantic poetry from Blake through Keats. (May be offered concurrently with EH 643.)
- 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.)

- 472. American Drama (5). Pr., Junior standing.**
American dramatic and stage history from colonial times to the present, with emphasis on developing tastes and techniques in the twentieth century. (May be offered concurrently with EH 672.)
- 473. American Novel I (5). Pr., Junior standing.**
The development of the American novel from the beginnings to 1914. (May be offered concurrently with EH 673.)
- 474. American Novel II (5). Pr., Junior standing.**
The development of the American novel from 1914 to the present. (May be offered concurrently with EH 674.)
- 477. Southern Literature (5). Pr., Junior standing.**
Representative Southern writers from Colonial times to the present. (May be offered concurrently with EH 677.)
- 481. Contemporary Poetry (5). Pr., Junior standing.**
The Chief Modern poets of England and/or America. (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, Dostevsky, Zola, Mann, and Proust. (May be offered concurrently with EH 683.)
- 498-499. Readings in English (5-5). Pr., Department Approval.**
Individual study programs in literature or language as determined by the instructor and student. A minimum of two written assignments required.

ENGLISH/APPLIED COMMUNICATIONS (EHC)

- 220. Survey of Mass Communication (5).**
Introduction to mass communication; its history and influence on modern society, with emphasis on the newspaper.
- 221. Introduction to Journalism (5)**
Foundations, history, and modern practices in journalism; newswriting techniques and practices for print and electronic media.
- 223. Reporting (5). Pr., EH 102.**
Print media newsgathering, news evaluation, reporting practice, and news editing.
- 320. Feature Writing (5). Pr., EHC 220, 221, or EH 102.**
Techniques and styles in newspaper and magazine feature articles.
- 330. Introduction to Public Relations. (5). Pr., EH 102.**
Principles and practice of publicity and public relations; public relations planning and programs. Case studies.
- 332. Foundations of Broadcasting (5). Pr., EHC 220.**
Study of American broadcasting system, emphasizing historical, sociological, economic and legal aspects of the electronic media and their influence on society.

350. Principles of Editing (5). Pr., EHC 211, 220, or 223

Concepts and techniques for processing news for various media: copy editing, headline writing, page make up, proof reading; the editorial page.

351. Principles of Photography (5).

Use of photography in journalism, advertising, public relations; camera work, developing, printing.

352. Photojournalism (5). Pr., EHC 351 or equivalent.

Building skills in composition and technique.

400. Newspaper Practicum (1-5).

Regular, assigned work on the AUMNIBUS under the supervision of the newspaper editor and the EHC staff.

412. Public Opinion and Propaganda (5). Pr., Junior 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.

430. Writing for Radio and Television (5). Pr., EHC 220, 211, or 223.

Understanding the types and purposes of writing used in radio and television broadcasting and the most effective methods of preparing written materials for broadcast.

433. Preparing Advertising for the Media (5). Pr., MT 432 and Junior standing or permission of instructor.

Applying principles of effective advertising to print and electronic media usage.

450. 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.

498. Independent Study in Applied Communications (1-5) Pr., Junior standing or 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.

FOREIGN LANGUAGE (FL)**FRENCH****120. French Culture (5).**

An introduction to various aspects of French culture as exemplified in its art, literature, language, and customs. No reading knowledge of the language is presumed as a prerequisite.

121. Elementary 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. Elementary French II (5). Pr., FL 121 or equivalent.

A continuation of FL 121. The emphasis shifts progressively to reading and writing.

123. Elementary 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. Intermediate 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. Intermediate French II (5). Pr., FL 221 or equivalent.

A continuation of FL 221. Analysis of texts increases in depth. Practice in oral and written exposés.

223. Intermediate French III (5). Pr., FL 222 or equivalent.

A continuation of FL 222. Longer exposés are required. Introduction to stylistics begins. Study of advanced grammar.

SPANISH**130. Hispanic Culture (5).**

An introduction to the culture of Spanish-speaking countries: old and new world history, literature, art, and customs. No reading knowledge of Spanish is presumed as a prerequisite.

131. Elementary Spanish I (5).

Training in the four skills (Aural comprehension, speaking, reading, writing) and a study of the grammar underlying the mastered corpus. Emphasis on aural-oral practice.

132. Elementary Spanish II (5). Pr., FL 131 or equivalent.

A continuation of FL 131. The emphasis shifts progressively to reading and writing.

133. Elementary Spanish III (5). Pr., FL 132 or equivalent.

A continuation of FL 132. Completion of the study of the grammatical core of Spanish. Emphasis on the acquisition of vocabulary through reading and composition.

231. Intermediate Spanish I (5). Pr., FL 133 or equivalent.

An introduction to Spanish writers and authors. Works of moderate difficulty from classical and contemporary writers are read. Practice in speaking and writing continues. The grammar is reviewed.

232. Intermediate Spanish II. (5). Pr., FL 231 or equivalent.

A continuation of FL 231. Analysis of texts increases in depth. Practice in oral and written exposés.

233. Intermediate Spanish III. (5). Pr., FL 232 or equivalent.

A continuation of FL 232. Longer exposés are required. Introduction to stylistics begins. Study of advanced grammar.

234. Survey of Spanish Literature (5). Pr., FL 133 or equivalent.

A survey of Spanish Literature from its beginning through the Golden Age.

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.

211. Cultural Geography (5).

Analysis of the cultural landscape in both space and time with emphasis on a real differentiation, cultural types, population distribution, and land-use patterns. Includes an investigation of the major culture 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.

420. Urban Geography (5). Pr., Junior or senior standing.

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)**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 (5).

A survey of world civilization from prehistory to 1648.

1. World History (5).

A survey of world civilization from 1648 to the present.

201. A History of the United States (5).

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

202. A History of the United States (5).

Continuation of survey of United States developments from 1865 to the present.

214. History of Alabama (5).

A survey of the social, political, and economic development of Alabama from the colonial era to the present.

250. A Cultural History of the Far East (5).

An introduction to various aspects of Far Eastern civilization focusing on China and Japan, and emphasizing social, literary, artistic, and economic development.

252. A Cultural History of Russia (5).

A topical approach to pre-Soviet Russian development that will emphasize selected aspects of Russian social, literary, artistic, economic, religious, and historical development.

271. English History I (5).

A survey primarily of political and constitutional developments in England from earliest times to 1688.

272. English History II (5).

A survey primarily of political and constitutional developments in Great Britain from 1688 to the present.

277. Economic History of the United States (5).

A survey of the economic history of the United States from the colonial era to the present.

300. Colonial Latin America (5).

From the conquest to the Wars of Independence. A survey of the European, American, and Aboriginal beginnings; political, economic, religious, and social institutions, and the causes of the independence movement.

301. Recent Latin America (5).

A survey of the Latin American nations from independence to the present; internal problems and progress; international relations.

304. Civil War and Reconstruction (5).

A study of the sectional struggle leading to the hostilities of 1861 and the political, military, economic, and social aspects of the Civil War and Reconstruction Eras.

305. Historical Methods (5).

An introduction to the study of historical research and writing techniques. The examination of the writings of major historians, use of historical materials in libraries, and the preparation of a research paper.

310. Special Topics in History (5).

Focus of study will be announced at each scheduling of this course. The course may be repeated once for credit.

326. Renaissance and Reformation History (5).

A study of Europe during the period of the Renaissance, and the Protestant and Catholic Reformations. Emphasis also placed on overseas expansion, the cultural, political, and economic developments from 1450 to 1648.

337. 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.

360. Historical Geography of the United States (5).

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).

390. Nationalism and Revolution in the Modern World (5).

A study of some of the major doctrines and upheavals which have shaped the modern world in the last two centuries. A special effort will be made to understand some of the sociological forces behind the development of mass society.

400. Introduction to Archives and Museum Studies (5). Pr., Junior standing or permission of instructor.

An introduction to the principles of archival terminology, archival appraisal, public and private records, manuscript techniques, museum and archival accessioning principles, indexing, and preparation of funding aids.

401. Archives and Museum Administration (5). Pr., Junior standing or permission of instructor.

A study focusing on the administering of archives and records management centers, historical museums, budgeting, organization, staffing, legislation, and editing; conservation and the curatorial functions; philosophy of access and the right of privacy of manuscript donors of both private and public persons.

402. Archives and Museum Internship (5). Pr., Junior standing or permission of instructor.

The internship is directed at providing actual experience in applying the principles and skills learned in History 400 and History 401 and to thoroughly familiarize the student with the practical problems of all archival records and management and museum functions. Students are expected to spend 40 hours in practical work in archives and museums in and near the Montgomery area.

407. United States History, 1914 to Present (5). Pr., Junior standing or permission of instructor.

An advance study of the United States with emphasis upon individual investigation of select problems facing the nation from World War I to the present.

410. United States Diplomacy From Early Times to the Present (5). Pr., Junior standing or permission of instructor.

A study of the principle forces and factors bearing on the foreign relationships of the United States with the world from 1776 to the present. Special emphasis will be focused on the emergence of the United States as a World power and its involvement in the principal wars of the 19th and 20th centuries. This course may be taught concurrently with HY 610.

412. Social and Intellectual History of the United States (5). Pr., Junior standing or permission of instructor.

A study of the ideas and emotions which have characterized the thinking and actions of Americans from 1776 to the present. This course may be taught concurrently with HY 612.

413. The South to 1865 (5). Pr., Junior standing or permission of instructor.

The study of the origins, growth, and distinctive social, economic, cultural, and ideological patterns of the South from 1607 to 1865. This course may be taught concurrently with HY 613.

414. The South Since 1865 (5). Pr., Junior standing or permission of instructor.

The study of the major trends in the South since the Civil War emphasizing the social, economic, and political developments from 1865 to the present. This course may be taught concurrently with HY 614.

419. Critical Issues in American History (5). Pr., Junior standing or permission of instructor.

A study of the significant political, economic, and foreign controversies which have influenced the development of the United States, 1607-1960's. This course may be taught concurrently with HY 619.

420. Critical Issues in European History (5). Pr., Junior standing or permission of instructor.

A study of selected political, economic and international controversies which have influenced the development of Europe from 1650 to the present. This course may be taught concurrently with HY 620.

429. French Revolution & Napoleon (5). Pr., Junior standing or permission of instructor.

A study of revolutionary ideas and events in France and Europe from 1789 to 1815. Emphasis placed on the forces and factors causing revolution and reaction.

440. Readings in History (1-5). Honors Course, Pr., Junior standing or permission of instructor.

Directed readings followed by oral and/or written report, discussions of authors, and evaluation and discussion of material with the director of the course. Areas in United States, Europe, Latin America, and Far East. This course may be taught concurrently with HY 640.

447. Social and Intellectual History of Modern Europe (5). Pr., Junior standing or permission of instructor.

A study of the major intellectual currents and social movements in Europe since the seventeenth century. This course may be taught concurrently with HY 647.

450. History of China Since 1911 (5). Pr., Junior standing or permission of instructor.

A detailed history of China since the fall of the Ch'ing dynasty with emphasis placed on the displacement of Republican China by the People's Republic of China.

457. History of the Soviet Union (5). Junior standing or permission of instructor.

A detailed survey of Soviet history since 1917, emphasizing the growth and development of the Communist Party, the development of the Soviet form of government and economy, the Soviet involvement in world affairs and the Soviet cultural scene.

475. Origin and Growth of Towns (5). Pr., Junior standing or permission of instructor.

An investigation into the circumstances that led to the concentration of human habitation in urban areas and the effects that this had on the

quality of human existence. This course may be taught concurrently with HY 675.

476. The Industrial Revolution (5). Pr., Junior standing or permission of instructor.

A study of the development of industrialism and its consequences in Europe and other parts of the world. This course may be taught currently with HY 676.

477. Urban History of the United States (5). Pr., Junior standing or permission of instructor.

A study of urbanization in the United States from the colonial period to the present. This course may be taught concurrently with HY 677.

480. Technology, Society and the Environment (5). Pr., Junior standing or permission of instructor.

A study of contemporary social, technological, and environmental problems in historical perspective. This course may be taught concurrently with HY 680.

485. Modern Britain (5). Pr., Junior standing or permission of instructor.

An analysis of the forces contributing to the development of contemporary British civilization. Special emphasis will be given to political, economic, and social forces contributing to Britain's decline as an imperial and world power in the twentieth century. This course may be taught concurrently with HY 685.

MUSIC (MU)

101. University Chorus (2).

A performance group. Training and experience in choral music employing a wide variety of musical styles. May be repeated for credit.

120. Introduction to Music Theory (5).

Introduction to the basic elements of music: music reading, principles of rhythm, harmonic procedures and compositional styles.

201. Music Appreciation (5).

A study of composers, periods, and styles of music, with emphasis on developing an awareness of musical sound.

220. Harmony I (5). Pr., MU 120 or permission of instructor.

The study of Western harmonic practice: progression of primary and secondary chords; inversions; diatonic modulation; writing of simple melodies and harmonic progressions; simple analysis from standard literature.

221. Harmony II (5). Pr., MU 220.

A continuation of MU 220: dominant family; chromatic modulation; secondary seventh chords; altered chords; realization of figured bass; melodic and harmonic composition; analysis from standard literature.

250. History of Music I (5). Pr., MU 201 or permission of instructor

Music to 1825. A study of the development of significant musical styles. Attention given to major composers and respective repertoire. Development of techniques for analytical and critical listening.

- 251. History of Music II (5). Pr., MU 250 or permission of instructor.**
Music from 1825 to the present. A continuation of MU 250.
- 298. Independent Study in Applied Music (1-5). Pr., Department Approval.**
Private music instruction. Open to any student who can provide his or her own instrument and practice facilities.
- 496. Music in the Elementary School (5). Pr., Department Approval.**
Insights into skills, techniques and knowledge of music are provided the teacher. Appropriate materials adapted to social and musical interests of children are studied and evaluated. (This course may be taught concurrently with MU 696).

PHILOSOPHY (PH)

- 201. Introduction of Philosophy (5).**
The nature of philosophical thinking; introduction to selected philosophic concepts and problems.
- 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 inductive and 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).**
An inquiry into types of ethical theories and concepts, and a critical examination of the philosophical problems which arise from them.
- 313. History of Philosophy I (5).**
A study of philosophy from the Pre-Socratics through the Middle Ages.
- 315. History of Philosophy II (5).**
A study of Philosophy from Descartes to the present.
- 317. Twentieth Century Philosophy (5). Pr., Sophomore standing.**
A study of the important movements in Western philosophy in this century, including logical empiricism and phenomenology - existentialism.
- 320. Comparative Religion (5).**
A comparative study of the ideas and beliefs of Judaism, Christianity, Buddhism, and Hinduism.
- 360. Values in a Technological Society (5). Pr., Soph. standing, 2.0 GPA, and permission of instructor.**
An honors course which presents an interdisciplinary approach to the problem of personal and social values in a technological age. Focuses on both fictional and non-fictional works which describe the continuum from radical humanism to radical empiricism as exemplified by R.D. Laing and B.F. Skinner.

SOCIOLOGY (SY)**201. Introduction to Sociology (5).**

An introduction to major sociological concepts, principles, and theories.

202. Social Problems (5).

A study of the nature of social deviance along with an analysis of major U.S. social problems. Among the problems considered are crime and juvenile delinquency, alcohol and drug abuse, aging, family disorganization, and overpopulation.

203. Intimate Life Styles: Marriage and Its Alternatives (5).

Adjustments involved in institutionalized and quasi-institutionalized family structures. An analysis of personal relationships in both traditional marriage and alternate forms, including communal living, plural marriage, widow and widowerhood, and the role of divorce. Focus is on adjustment problems and individual needs experienced throughout the family life cycle.

210. Principles of Physical Anthropology (5).

Introduction to human evolution and population genetics with emphasis on the interpretation of the fossil record, race development and classification, contemporary human population, and archaeological techniques.

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 for investigating and reconstructing past cultures.

220. Introduction to Social Welfare (5). Pr., SY 201 and Sophomore standing.

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., SY 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.

302. Research and Methodology I (5). Pr., SY 201.

This course is designed as an introduction to research techniques appropriate to the behavioral sciences.

303. Research and Methodology II (5). Pr., SY 302.

Practical experience in research techniques appropriate to the behavioral sciences will be emphasized. The course will cover collection, analysis and interpretation of data.

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.

315. Divorce and Remarriage (5).

An analysis of various facets of the divorce process, including the historical, legal, social and social psychological. Focuses on the restructuring of the family and problems encountered by those who choose to remain single.

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

An analysis of the factors contributing to juvenile delinquency. Current treatment techniques and prevention policies are also considered.

321. Criminology (5). Pr., SY 201.

A study of the social foundations of criminal behavior, with special emphasis given to theories of criminality, law enforcement agencies and penal institutions.

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.

340. Social Stratification (5). Pr., SY 201.

An introduction to the nature of social stratification. Includes a survey of theories of social stratification, techniques for studying stratification systems, and the consequences of social differentiation.

350. Social Work Methods I (5). Pr., SY 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., SY 350.

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

370. The North American Indian (5). Pr., SY 210, 211, or 212.

A cultural survey of native America. Description of the specific features of representative Indian cultures. Cultural development and present-day problems and movements.

- 371. Culture and Personality (5). Pr., SY 211, or PG 211.**
Sociocultural factors in personality development, including a survey of national character studies.
- 372. Prehistory of North America (5). Pr., SY 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.
- 373. Old World Archaeology (5). Pr., SY 212.**
Prehistoric cultural sequences in selected areas of Eurasia and Africa and their respective contributions to cultural development. Attention given to archaeological developments, key discoveries, and pioneers in archaeological research from the 19th Century to modern times.
- 375. New World Civilizations (5). Pr., SY 211.**
A survey of the cultural 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.
- 376. Peoples and Cultures of the Pacific (5). Pr., SY 211.**
A survey of archaeology and cultural anthropology in the Pacific Area, including Polynesia, Micronesia and Melanesia. Focus on a comparative analysis of major cultural developments and problems including origins and migrations, coral atolls, warfare and island adaptations.
- 401. Population Problems (5). Pr., Junior or Senior standing.**
Problems of quantity and quality of population including problems of composition, distribution and migration. Attention is given to Alabama population. (This course may be taught concurrently with SY 601.)
- 402. Social Theory (5). Pr., SY 201 and Junior or Senior standing.**
The development of sociological theory from the Nineteenth Century to the present. (This course may be taught concurrently with SY 602.)
- 403. Cultural Change (5). Pr., SY 211 and Junior or Senior standing.**
Contemporary primitive, traditional and urban cultures, and recent research in cultural change. (This course may be taught concurrently with SY 603.)
- 405. Urban Sociology (5). Pr., SY 201 and Junior or Senior standing.**
Growth and decline of cities with special emphasis on ecological demographic characteristics, associations and institutions, class systems, and housing and city planning. (This course may be taught concurrently with SY 605.)
- 407. 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 and social stratification, and social change are also considered. (This course may be taught concurrently with SY 607.)

- 408. Industrial Sociology (5). Pr., SY 201 and Junior or Senior standing.**
The sociological approach to business organizations and industrial relations. Emphasis given to organization 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 608.)
- 409. 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 609.)
- 410. 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 610.)
- 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.
- 412. Public Opinion and Propaganda (5). Pr., Junior 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.
- 415. 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 social/cultural process and the death industry.
- 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., SY 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.
- 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 given to the relationship between minority groups and groups representative of the dominant culture. (This course may be taught concurrently with SY 630.)

- 431. Social Psychology (5). SY 201 and Junior or Senior standing.**
Major theoretical orientations and research techniques in social psychology. (Same as PG 425). (This course may be taught concurrently with SY 631.)
- 450. Field Placement I (10). Pr., SY 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 (sixteen 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., SY 450 and permission of instructor.**
A continuation of SY 450 requiring sixteen hours per week for ten 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.
- 470. Applied 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., SY 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.
- 498. Independent Study (1-5). Pr., Graduate or Senior standing and permission of instructor.**
Independent reading and/or research in selected areas of sociology.

SPEECH AND THEATRE (SP)

- 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.
- 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. Theatre Workshop I (5).**
Laboratory course in theatre production. Students solve practical problems related to the season's major productions and gain direct experience in all aspects of the theatrical production sequence.

211. Theatre Workshop II (5). Pr., SP 210.

A continuation of SP 210, with a shift of emphasis toward more specialization.

220. Theatre Practicum (2). Pr., permission of instructor.

For students selected by Faculty Directors for work in University Theatre activities. Two hours of credit in any one field of theatre (acting, directing, technical production, design, or theatre management) in any one quarter. Work completed in this course must be exclusive of laboratory hours required in other theatre courses. May be repeated for a total of eight hours.

273. Group Problem Solving Through Discussion (5).

Group problem solving through discussion. The values and limitations of discussion, the prerequisites of reaching agreement, and a systematic approach to solving problems in group discussion. Leadership in problem solving.

300. Oral Interpretation (5). Pr., SP 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.

311. Public Speaking (5). Pr., SP 202 or permission of instructor.

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). Pr., SP 202.

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.

340. The Speech and Hearing Mechanism (5).

Anatomy and physiology of the speech and hearing mechanism.

341. Acting and Directing Fundamentals (5). Pr., SP 202.

Basic theories and techniques of acting and directing.

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.
- 361. Theatre Design and Technology (5).**
Basic theories of scene design, lighting design, costume design, and make-up design, coupled with an examination of the technology and expertise needed to execute such designs.
- 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.
- 401. Playwriting (5). Pr., Sophomore standing.**
Laboratory course in playwriting; student plays developed from original idea through scenario into final production script. Exceptional plays will be produced by the Department.
- 403. Communication Theory (5). Pr., SP 202.**
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. Persuasion (5). Pr., SP 311 or Junior standing.**
The study and application of the psychology of audience persuasion in interpersonal and public speaking situations.
- 412. Argumentative (5). Pr., SP 202 or permission of instructor.**
Study of the principles of argumentation (e.g., evidence, reasoning, refutation, etc.) and their practical application in performance. Emphasis on argument and analysis and construction. Some practice in informal debating.
- 414. Classical and Medieval Rhetorical Theory (5). Pr., Junior standing or permission of instructor.**
History of ancient Greek, Roman, and Medieval theories of discourse, tracing major concepts, trends, contributions.
- 415. Modern and Contemporary Rhetorical Theory (5). Pr., SP 414.**
History of the theory of discourse from the Renaissance to the present, focusing upon critical concepts and contributions.
- 431. Theatre Repertory (5). Pr., Sophomore standing.**
An in-depth analysis of representative dramatic literature and theatre history of the Western World from classical Greece to the present, with a concentration in an area related to the theme of the season's major productions. This course may be taught concurrently with SP 631.

- 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.
- 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 SP 650.
- 451. Speech Correction I (5). Pr., Junior standing or permission of instructor.**
The nature of the speech correction process with emphasis on disorders or articulation. Participation in clinical activities required. This course may be taught concurrently with SP 651.
- 452. Speech Correction II (5)., Pr., Junior standing and permission of instructor.**
Continuation of SP 451 with emphasis on vocal disorders and disorders of rhythm. Participation in clinical activities required. This course may be taught concurrently with SP 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 SP 653.
- 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 SP 660.
- 461. Hearing Pathology (5). Pr., SP 560 or equivalent: 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 SP 661.
- 462. Aural Rehabilitation, Habilitation and Hearing Conservation (5). Pr., SP 560 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 SP 662.
- 498. Independent study (1-5). Pr., Senior standing or permission of instructor.**
Independent reading and/or research in selected areas of speech and Theatre. This course may be taught concurrently with SP 698.

SCHOOL OF NURSING

Auburn University at Montgomery offers a four year course of study that leads to a Bachelor of Science degree in Nursing (B.S.N.). The Legislature of the State of Alabama recently appropriated funds to begin the new program in the fall of 1978. Successful completion of the four year curriculum makes the graduate eligible to write The State Board of Nursing Licensure examination preliminary to professional practice. The graduate may also elect to continue his/her education in a graduate program in a nursing speciality.

ACADEMIC PROGRAM

The program provides for concentration in two divisions. The lower division involves a two year study (100 quarter hours) of non-clinical courses in the science and liberal arts areas. Upon satisfactory completion of the lower division requirements, the student applies for admission to the upper division of nursing. The upper division consists of 100 quarter hours of professional nursing experience that will include classroom, laboratory, and clinical work in local clinical facilities.

Lower Division Curriculum

This curriculum will apply to any student with a declared nursing major who is enrolled at AUM during the 1978-79 academic year. The required pre-nursing courses are listed below:

Biology	(BI 101, 301, 310 and 311)
Chemistry	(PHS 101, CH 210 and CH 211)
English	(EH 101 and 102)
History	(HY 101 and 102)
Mathematics	(MH 150 and Statistics)
Psychology	(10 hours including PG 211)
Sociology	(SY 201)
Business	(MN 310)

Additional courses should be taken to obtain a total of 100 quarter hours. Five hours of coursework in the School of Sciences and five hours of coursework in the School of Liberal Arts must be elected from courses not included in the above required list.

Upper Division Curriculum

Selection for the clinical nursing level of study will be based on prior academic performance and professional potential. Details of the admission requirements to the upper division and the curriculum of the nursing courses are available from the Dean of the School of Nursing.

Because it was necessary to prepare catalog copy shortly after the approval of the nursing program by the Legislature, it has not been possible to include final details of the program at this point. Any questions should be directed to the Office of the Dean of Nursing. Advisors are available who will be pleased to talk to any individual interested in the AUM School of Nursing. Potential students are encouraged to consult with Dr. Barnett in the School of Nursing, (205) 279-9110.



SCHOOL OF SCIENCES

STATEMENT OF OBJECTIVES

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 a particular academic subject which he selects for 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 a basic liberal education for the student before he begins advanced work in his specialty.
2. To offer a strong undergraduate program leading to the Bachelors Degree with majors in the sciences and mathematics.
3. To provide a graduate program offering the Masters Degree 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), criminal justice, government, 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.

(GCS)	
First Quarter	Second Quarter
EH 101 English Composition5	EH 102 English Composition5
MH 150 College Algebra or	HY 102 World History5
MH 160 Pre-Calc. and Trig. . . .5	*Science Elective5
HY 101 World History5	
—	—
15	15

*BI 101, CH 101, PS 210 or PS 211.

Third Quarter

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

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 school which they intend to enter. It is important to take the subjects required for MCAT, DAT, or OCAT before the middle of the junior year. Normally, CH 101 and MH 160 should be taken during the first quarter and CH 101-2-3, MH 160-1-2-3, MH 267, PS 210, 211 and 301, BI 101-2-3, CH 301-2-3, and EH 101-2 should all be completed before the end of the sophomore year. Most professional schools also require ten hours of literature, genetics, cell biology, and developmental biology, and analytical and physical chemistry. (It should be noted that some schools are requiring more statistics and less calculus than in the past.) The MCAT examination now includes statistical questions.

Because the competition for admission to professional schools is considerable, students should plan to graduate from Auburn University at Montgomery with a major in an area which would provide alternative career

*BI 101, CH 101, PS 210 or PS 211.

possibilities. As long as specific entrance requirements are met, any major is acceptable. It is not necessary to choose a major prior to the junior year.

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 or dental school unless that individual had at least a 2.0 average or at least one academic year of very superior work prior to application. Students who fall significantly below this level at the end of the sophomore year should seriously consider another curriculum or accept a low chance of success.

On successful completion of the freshman year in a doctoral program in medicine, dentistry, or optometry up to forty 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. Although the Pre-Medical Committee at AUM will provide as much assistance as possible, the student must accept responsibility for meeting deadlines for applying for entrance to professional schools, taking admission tests at the required times, and actually finding a position in a professional school.

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 take the Pharmacy College Admission Test and make formal application to a School of Pharmacy. Considerable competition exists for places in pharmacy programs.

Course	Quarter Hours
General Chemistry (101, 102, 103)	15
Organic Chemistry (301, 302)	10
Mathematics (160, 161)	10
Physics (210, 211*)	5-10
Biology (101, 102*, 310, 311)	15-20
English (101, 102)	10
History (101, 102)	10
Speech (202)	5
Economics (202)	5
Electives	15

*Either or basis.

Electives are to be selected in consultation with the pre-pharmacy advisor. Pre-pharmacy students are required to take the PCAT.

PRE-VETERINARY MEDICINE (PVM)

The following courses should be included in the program of those students who plan to pursue a degree in veterinary medicine:

Course	Quarter Hours
General Chemistry (101, 102, 103)	15
Organic Chemistry (301, 302)	10
Analytical Chemistry (201)	5
Physical Chemistry (410)	5
Physics (210, 211)	10
Biology (101, 102, 103)	15
Scientific Vocabulary (EH 141)	3
Genetics (BI 430)	5
Mathematics (160, 161)	10
English Composition (EH 101, 102)	10
World History (HY 101, 102)	10
American Government (GV 101)	5

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, government, economics, American history, mathematics, English history, Latin, logic and scientific method, and philosophy.

Most law schools do not prescribe any particular curriculum of pre-law study, but normally require as a condition for admission that the applicant has successfully completed the following undergraduate work or its equivalent.

Course	Quarter Hours
English Composition (EH 101, 102)	10
English or American Literature (EH 253, 254, 357, 358)	10
American History (HY 201, 202)	10
Political Science (including U.S. Government (GV 101)	10
Principles of Economics (EC 200, 202)	10

Additional recommended courses are English language and literature, mathematics, English history, philosophy, psychology, sociology, foreign languages, criminal justice, accounting and computer science. 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.

PRE-ENGINEERING (PEN)

A two-year Engineering curriculum is available for students who plan to pursue a degree in Engineering. The first-year Pre-Engineering curriculum is uniform for all students; the second-year Engineering Sophomore Year curriculum varies depending upon the particular engineering curriculum selected by the student. Courses taken in the Sophomore year are to be selected in consultation with a Pre-Engineering advisor.

Pre-Engineering Curriculum

First Quarter		Second Quarter	
MH 161 Anal. Geom. & Calc. I . . . .	.5	MH 162 Anal. Geom. & Calc. II . . . .	.5
CH 101 Chemistry I . . . . .	.5	CH 102 Chemistry II . . . . .	.5
EH 101 English Composition . . . . .	.5	EH 102 English Composition . . . . .	.5
EN 102 Graph. Comm. & Design . . .	.2	PS 210 Physics I . . . . .	.5
<hr/>		<hr/>	
17		20	

Third Quarter

MH 163 Anal. Geom. & Calc. III .	.5
PS 211 Physics II . . . . .	.5
EN 205 App. Mechanics: Statics .	.5
MH 240 Scientific Programming	5
<hr/>	
20	

Engineering Sophomore Year

First Quarter	Second Quarter
MH 264 Anal. Geom. & Calc. IV ..5	MH 265 Linear Diff. Eqns. ....5
PS 301 Physics III .....5	EN 321 App. Mechanics:
EN 207 Mechanics of Solids.....5	Dynamics I** .....5
HY 101 World History .....5	EN 301 Thermodynamics I .....5
	HY 102 World History .....5
—	—
20	20

Third Quarter

EN 340 Fluid Mechanics I*** ...5
EN 261 Lin. Circuit Anal. I*** ..5
Elective* .....5
Elective* .....5
—
20

*Courses Required in Specific Curricula at Auburn University in Auburn (AUA)

- EC 201 - CE, IE, TE
- SP 202 - ME, TE
- MH 266 - EE, ME tech. elective
- CH 103, 301, 302 - CHE
- PG 211 - IE, TE

*Courses Accepted as Humanistic - Social Electives at AUA: (Partial listing)

- | | |
|-------------------------------|-----------------------|
| EC 201, 202 | MU 201, 250, 251 |
| AT 251, 252, 261 | Any PH Course |
| Any Literature Course | SY 201, 202, 211 |
| EHC 220, 232 | SP 204, 300 |
| Foreign Language, Soph. Level | GV 101, 102, 321, 322 |
| GY 211, 221 | PG 211, 212 |
| Any HY Course | |

- **Not accepted in CHE curriculum at AUA
- ***Not accepted in CE curriculum at AUA

Not all courses have to be taken in the order listed. If not taken in the order listed, the student should be certain that prerequisite and/or corequisite requirements are met.

BIOLOGY MAJOR (BI)

Students interested in biology as a major have six distinct options in planning their course work. The student who is likely to continue his studies in graduate school is advised to select the Biological Science Option. The Laboratory Technology Option is for those students pursuing a baccalaureate

degree in preparation for laboratory positions in a variety of fields. The Microbiology option is for students planning careers in Microbiology and preparing for graduate school.

The biology department also offers two options which provide training in the environmental area. These options 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 Environmental Technology Option. The Environmental Studies Option 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 either Environmental 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.

The fifth option, Medical Technology, is designed for students who want to enter the Allied Health field at the clinical laboratory level, consists of a minimum of three years of academic preparation and one year (12 consecutive months) of technical preparation at an accredited hospital facility. Upon completion of the program, the student receives a B.S. degree in Biology with a medical technology option and must take the written national examination given by the American Society of Clinical Pathologists.

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. At least at 1.75 overall grade point average and a 2.0 in the physical and biological sciences should be maintained. 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.

Further requirements: (1) A.U.M. students transferring to the medical technology option must complete one year in the curriculum for the medical technology option. (2) Transfer students from other institutions must complete 100 quarter hour in the medical technology option at A.U.M. or complete 54 quarter hours and pass an equivalency examination prepared by the School of Sciences.

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	5
	<hr/>
	15

Second Quarter

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

Third Quarter

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

Sophomore Year**First Quarter**

EH 102 English Composition	5
PS 210 Gen. Physics I	5
Elective	5
	<hr/>
	15

Second Quarter

EH 253 Surv. Eng. Lit.	5
PS 211 Gen. Physics II	5
Elective	5
HY 101 World History	5
	<hr/>
	20

Third Quarter

EH 254 Surv. Eng. Lit.	5
BI 301 Gen. Microbiology	5
SY 201 Intro. to Sociology	5
HY 102 World History	5
	<hr/>
	20

Junior Year**First Quarter**

CH 301 Organic Chem. I	5
PG 211 Psychology I	5
BI 420 Ecology	5
FL I Foreign Language ¹ or	
EH 141 Sci. Vocab.	3-5
	<hr/>
	18-20

Second Quarter

CH 302 Organic Chem. II	5
PG 212 Psychology II	5
BI 430 Genetics	5
FL II Foreign Language or	
EH 305, Adv. Expos. Writing ...	5
	<hr/>
	20

¹Students considering graduate school are urged to take a foreign language, usually French or German.

Third Quarter

Speech Elective	5
Elective	5
FL III Foreign Language or MH 267, Elementary Statistics	5
	<hr/> 15

Senior Year**First Quarter**

Biology Electives	10
Electives	5-10
	<hr/> 15-20

Second Quarter

BI 495 Perspectives in Biology ...	4
BI 499 Seminar in Biology	1
Electives	10
	<hr/> 15

Third Quarter

Biology Electives	5-10
Electives	5-10
	<hr/> 10-20

Biology electives may be selected from courses in biology (200 level or above) as well as from the following: SY 210, 370, 401 and 403. The electives should be selected in consultation with the student's advisor.

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
	<hr/> 15

Second Quarter

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

Third Quarter

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

Sophomore Year**First Quarter**

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

Second Quarter

CH 302 Organic Chem. II	5
BI 301 Gen. Microbiology	5
BI 310 Human Anat. & Phys.	5
	<hr/>
	15

Third Quarter

CH 201 Analyt. Chemistry	5
BI 311 Human Anat. & Phys.	5
EH 141 Sci. Vocabulary	3
MH 161 Anal. Geo. & Calc. I	5
	<hr/>
	18

Junior Year**First Quarter**

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

Second Quarter

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

Third Quarter

CH 420 Biochemistry	5
SP Speech Elective	5
Electives	10
	<hr/>
	20

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
History	15 hours
Mathematics	10 hours
Medical Technology	40 hours
Approved Upper Science Courses ¹	10 hours
Clinical Internship ²	50 hours

¹Credit toward a degree will not be allowed for introductory or survey courses. Electives must be approved by program director.

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

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
	<hr/>
	15

Second Quarter

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

Third Quarter

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

Sophomore Year

First Quarter

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

Second Quarter

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

Third Quarter

BI 310 Human Anat. & Physiol. ....	.5
EH 305 Adv. Expos Writing .....	.5
HY 102 World History .....	.5
Elective .....	.5
	<hr/>

20

Junior Year**First Quarter**

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

20

Second Quarter

BI 402 Parasitology .....	.5
BI 403 Gen. Virology .....	.5
PS 211 Gen. Physics II .....	.5

15

Third Quarter

BI 404 Gen. Mycology .....	.5
CH 420 Biochemistry .....	.5
Speech Elective .....	.5
Elective .....	.5
	<hr/>

20

Senior Year

An additional 50 hours selected by the student in consultation with his or her advisor.

Total 200 quarter hours**Environmental Studies Option In Biology (BES)****Freshman Year****First Quarter**

BI 101 Prin. of Biology .....	.5
EH 101 English Comp. ....	.5
HY 101 World History .....	.5
	<hr/>

15

Second Quarter

BI 103 Animal Biology .....	.5
EH 102 English Composition .....	.5
MH 150 College Algebra or	
MH 160 Pre. Calc. & Trig. ....	.5
	<hr/>

15

Third Quarter

BI 102 Plant Biology .....	.5
PS 100 Physical Science .....	.5
HY 102 World History .....	.5
	<hr/>

15

Sophomore Year

First Quarter		Second Quarter	
CH 101 General Chemistry	.....5	CH 210 Surv. of Organic	
BI 320 Field Biology	.....5	Chemistry	.....5
GV 101 Amer. Natl. Gov't	.....5	SY 201 Intro. to Sociology	.....5
		GV 102 Amer. State & Local	
		Gov't	.....5
	—		—
	15		15

Third Quarter

BI 420 Ecology	.....5
MH 267 Elem. Statistics	.....5
EH 141, 305, 253 or 254	.....5
	—
	15

Junior and Senior Years

A minimum of 30 additional hours in biology courses (200 level and above) is necessary. Required courses are BI 421, either BI 450 or BI 422, and 20 additional hours to be selected from BI 301, BI 402, BI 430, BI 450, BI 406, BI 410, BI 422, and BI 445. 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; HY 480; PG 211, 312, 418; SY 202, 401; CS 207, 330; GY 201, 221; PHS 110, 120; MH 161, 162, 163, 264, 265, 266.

Total 200 quarter hours**Environmental Technology Option In Biology (BET)****Freshman Year**

First Quarter		Second Quarter	
CH 101 General Chemistry	.....5	CH 102 General Chemistry	.....5
MH 150 College Algebra or		BI 101 Prin. of Biology	.....5
MH 160 Pre. Calc. & Trig.	.....5	HY 102 World History	.....5
HY 101 World History	.....5		
	—		—
	15		15

Third Quarter

CH 103 General Chemistry	.....5
BI 102 Plant Biology	.....5
EH 101 English Comp.	.....5
	—
	15

Sophomore Year**First Quarter**

CH 301 Organic Chem. I	5
MH 267 Elem. Statistics	5
EH 102 English Comp.	5

 15
Second Quarter

CH 302 Organic Chem. II	5
BI 103 Animal Biology	5
BI 450 Freshwater Biology	5

 15
Third Quarter

CH 201, 303 or 420	5
BI 320 Field Biology	5
BI 420 Ecology	5
EH 141 Sci. Vocabulary	3

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Junior and Senior Years

The major requires a minimum of 35 additional hours in biology. BI 520 is required. Ten hours must be selected from BI 422, BI 450, and BI 406. At least 20 additional hours must be selected from BI 301, 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: PS 210, PS 211, HY 480, PG 211, PG 419, SY 201, SY 202, SY 401, CS 207, CS 330, GY 201, GY 221, CH 430, GV 417, MH 161, MH 162, MH 163, MH 264, MH 265, MH 266, MH 367, PHS 110, PHS 120.

ALABAMA MARINE ENVIRONMENTAL 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. Eldon Cairns, in the Biology Department.

Ocean Science. An introduction to the marine environment, lecture, laboratory, and field work are included. No prerequisites. Six quarter hours—undergraduate credit.*

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.*

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.*

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.*

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.*

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.*

Marine Environmental Science. Designed for teachers, but open to upperlevel undergraduate and graduate students. Basic principals 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.*

Marine Technical Methods I. An introduction to instruments and procedures normally utilized aboard a marine research vessel. Prerequisite: permission of instructor. Three quarter hours—Advanced undergraduate and graduate credit.

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.*

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.*

*Lab Fees

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.

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.

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.

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 hour—undergraduate and graduate credit.

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 topics courses in many areas of Marine Science. Contact the Consortium Executive Director for information.

Graduate Courses

The graduate course titles are listed, for additional information concerning content, credits, and scheduling check with, the chairman 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

Research on Special Topics

Students may enroll by special arrangement in any of the subjects listed. Prerequisite: permission of instructor. One to nine quarter hours—advanced undergraduate and graduate credit.

CRIMINAL JUSTICE MAJOR (CJ)

The undergraduate program in Criminal Justice offers the Bachelor of Science degree to the person seeking comprehensive education for a professional career in the Criminal Justice field. The pattern for this major provides for 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 Criminal Justice System.

Students transferring from a community college associate degree program which articulates with the Department of Criminal Justice Program at AUM, may transfer up to the equivalent of 40 quarter hours of Criminal Justice 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 Criminal Justice coursework may be used as lower division electives, with one exception. If a community college Criminal Justice Program offers a course comparable to CJ 211, Survey of Criminal Justice Administration, it may be substituted and counted toward the major coursework requirement.

Students seeking the bachelor's degree in Criminal Justice must complete the following general education requirements:

Course	Hours
EH 101, EH 102, English Composition	10
MH 150, College Algebra or	
MH 160, Pre-Calc. and Trig	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
MH 267, Elementary Statistics	5
Science Electives (Biological or Physical)	10
	<hr/>
Total	50

COURSES REQUIRED OF ALL CRIMINAL JUSTICE MAJORS

Course	Hours
CJ 211, Survey of Criminal Justice Administration	5
CJ 304, Criminal Justice: Ecology and Etiology	5
CJ 321, Criminal Justice: Administrative Organization	5
CJ 362, Substantive Criminal Law	5
	<hr/>
Total	20

Within the Bachelor of Science degree in Criminal Justice, there are five options available to the undergraduate student: Law Enforcement Planning and Management; Corrections/Juvenile Justice; Security Administration; Jurisprudence; and Legal Assistant Education. The Bachelor of Science Degree, regardless of the option selected, requires a total of 200 quarter hours.

LAW ENFORCEMENT PLANNING AND MANAGEMENT OPTION

- CJ 312 Concepts of Investigation
- CJ 313 Basic Criminalistics
- CJ 363 Evidentiary Issues in the Legal Process
- CJ 441 Concepts of Police Management
- CJ 490 Special Problems in Criminal Justice

CORRECTIONS—JUVENILE JUSTICE OPTION

- CJ 351 Corrections: Theory and Practice
- CJ 353 Alternatives to Incarceration
- CJ 354 The Juvenile Justice System
- CJ 454 Juvenile Justice Law
- CJ 455 Correctional Administration

SECURITY ADMINISTRATION OPTION

- CJ 312 Concepts of Investigation
- CJ 316 Introduction to Security Administration,
Either CJ 318, Physical Security or
CJ 319, Personnel Security
- CJ 363 Evidentiary Issues in the Legal Process
- CJ 437 Concepts and Problems of Industrial Security

JURISPRUDENCE OPTION

- CJ 361 Legal Bibliography and Advocacy Research
- CJ 363 Evidentiary Issues In the Legal Process
- CJ 454 Juvenile Justice Law or GV 360—Judicial Process
- CJ 464 Criminal Procedure
- CJ 490 Special Problems in Criminal Justice

Legal Assistant Option

- CJ 312 Concepts of Investigation
- CJ 361 Legal Bibliography and Advocacy Research
- CJ 363 Evidentiary Issues in the Legal Process
- CJ 464 Criminal Procedure
- CJ 465 Civil Litigation and Trial Preparation
- *CJ 466 Courts Management
- CJ 490 Special Problems in Criminal Justice
- EH 306 Business and Professional Writing
- *MN 341 Business Law I
- *MN 342 Business Law II

Students completing this option will receive the basic legal assistant certificate. With further prescribed study, students may qualify for certification as a legal assistant technician and a legal assistant administrator with a minor in business management. Courses preceded by an (*) asterisk are choice courses and courses in torts, domestic relations law, real estate, etc., may be substituted after counseling with the legal assistant option advisor. A second bachelors degree may be earned by those now possessing a bachelors degree through completion of the legal assistant option.

GERONTOLOGY

(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 Government Programs at Auburn University at Montgomery provide the student with the opportunity to pursue coursework leading to a Bachelor of Science degree in Government. 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 Government 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 Government majors will pursue a plan of study which will include the following required courses:

Hours

1. A broad core of lower division courses:

English 101 and 102	10
History 101, 102, 201, and 202	20
Economics 201 and 202	10
Math 150 or 160; 267	10
Natural or Physical Sciences	10
(one must be a laboratory course)	
Social and Behavioral Sciences: CJ 211 or CJ 361 plus ten hours selected from these courses: CJ 361, EHC 220, GY 201, 211, 221, PG 211, PH 201, 203, and SY 201, 202. These ten hours must be chosen from two different course fields	15
Humanities: Fifteen hours selected from these areas: Literature, Foreign Language, Foreign Cultures, Art, Music, or Speech and Theatre	15
TOTAL HOURS OF CORE COURSES=90	

2. GOVERNMENT COURSES REQUIRED OF ALL MAJORS

GV 101, 102, 301, 302, and 340	25
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 GOVERNMENT COURSES=60	
4. MINOR: 25 hours in one specific field	25
5. ELECTIVES (EH 305 is highly recommended)	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, and it is especially important that EH 101 and 102 be completed in the student's freshman 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 Government major. Students interested in the Public Administration option must meet the general requirements listed above for all Government 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 350—The American Chief Executive
 5. GV 351—The Legislative Process
 6. GV 360—The Judicial Process
 7. GV 380—Introduction to Political Behavior
 8. GV 495—Internship in Public Affairs
 9. GV 417—Environmental Problems
 10. GV 430—Metropolitan Problems
 11. GV 431—Public Administration in State and Local Government
 12. GV 464—Recruiting, Selecting, and Evaluating Personnel

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

MATHEMATICS MAJOR (MH)

The Mathematics Major is designed both for students who intend to continue their education with graduate work in mathematics or related fields and for students who will be seeking employment immediately after graduation. Many of the major-level courses are also intended for future teachers of mathematics.

The requirements for the major are designed to offer the student as much freedom as possible while assuring that he meets minimal requirements in liberal education and professional standards in mathematics. Students interested in majoring in mathematics should be in frequent contact with departmental advisors; some upper level courses are offered only in alternate years, so careful scheduling of courses is essential.

More specifically, the requirements for the MH major are listed below, grouped into three categories:

General Requirements: EH 101-102, HY 101-102, MH 161-163.

Liberal Education Requirements: (Courses listed under general requirements may not be used to satisfy additional requirements.)

20 hours of courses chosen from biology, chemistry, physics, and physical science including either (1) both PS 210 and PS 211 or (2) CH 102.

15 hours of courses chosen from government, sociology, psychology, economics, geography, and history.

10 hours of one foreign language, French or German.

5 hours chosen from AT 251, AT 252, AT 261, MU 201, English (200 or above), or any foreign language (200 or above).

Two minors, each 15 hours at the 200 level or above (see pg. 141).

Courses counted elsewhere in this section may also be counted toward a minor. Chemistry or physics is recommended for one minor, but not required. Students who will be accepting employment immediately upon graduation should realize that experience in computer programming and data processing would be especially useful. Choice of minors must be approved by the student's advisor.

Mathematics Requirements:

- MH 264-265-266
- MH 331 and either MH 330 or MH 332
- MH 321 and either MH 320 or MH 322
- One elective at the 300 level or above.

These are minimal requirements in mathematics; many students will want to include additional courses in their program. Students interested in graduate work should consider MH 322, 423, and 450; students seeking employment upon graduation should consider MH 460-461. A total of 200 hours is required for this degree.

Due to the desire for flexibility in scheduling, a suggested curriculum sequence is not shown for mathematics.

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. 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.

English	25 hours
History	10 hours
Psychology	15 hours
Mathematics	25 hours
Physics	15 hours
Chemistry	45 hours
Biology and/or Foreign Language ¹	25 hours
Approved Electives ²	40 hours
	<hr/>
	200 hours

¹Students intending to proceed to graduate school will often require at least ten hours of a foreign language. Biology could include MTY courses.

²Credit will not be allowed for any introductory course designated by PHS (as opposed to CH and PS), EH 100, any mathematics course below MH 150., or BI 104.

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 bachelors degree. The second is to provide relevant classroom and practicum instruction of a pre-vocational 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 at the undergraduate level, the following general studies courses are required:

Required General Studies Courses

English Composition	10 hrs.	EH 101 and EH 102.
World History	10 hrs.	HY 101 and HY 102.
Biology	10 hrs.	BI 101 and Option 5 hrs.
Physical Sciences	10 hrs.	Physical Sciences, Chemistry, Physics.
Mathematics	5 hrs.	College Algebra, Linear Algebra, etc.
Statistics	10 hrs.	MH 267 and MH 367.
Government Option	5 hrs.	Any government course.
Management	5 hrs.	MN 310 Principles of Management.
Liberal Arts Elective	15 hrs.	Sociology, Art, Philosophy, History, Speech, etc.
General Introductory Psychology	5 hrs.	PG 211.

Required Core Courses

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

Learning, PG 350
Seminar, PG 418
History and Systems, PG 420

The psychology major will consist of a minimum of 50 hours of psychology courses numbered 300 or above. The student electing to major in psychology has a choice of four options.

OPTION 1

The General-Experiemental option is recommended for students wishing to go on to graduate study. The student must take the core courses and the specialty courses PG 310, PG 312, PG 419, PG 421, PG 430 and 10 hours of elective psychology courses for a total of 50 hours.

OPTION 2

The Applied-Industrial option is recommended for students wishing employment after their undergraduate education, or while they pursue

graduate study. The students must take the core courses and the specialty courses PG 314, either PG 324 or PG 325, PG 414, PG 415, and PG 426; and 10 hours of elective psychology courses for a total of 50 hours.

OPTION 3

Behavior Modification option is recommended for students wishing employment after their undergraduate education. The students must take the core courses and specialty courses PG 312, PG 419, PG 412, PG 413 (to be repeated); and 10 elective hours of psychology courses for a total of 50 hours.

OPTION 4

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 318, PG 323, PG 415, PG 418 and 10 hours of 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. Minors courses must be 200 level or above and may not be used to meet other specific curriculum requirements.

Summary of Requirements

AREA	HOURS
General Studies .....	.85
Psychology Major .....	.50
Core Courses .....	.15
Required Courses for Option .....	.25
Elective Psychology Courses .....	.10
Minor .....	.30
Electives .....	.35
Total .....	.200

URBAN STUDIES (US)

Also designated in the School of Liberal Arts

The Urban Studies option offers an undergraduate curriculum to meet the growing demand for students who can provide an interdisciplinary synthesis of urban problems. The Urban Studies topic areas are: Economics, English, Geography, Government, History, Psychology and Sociology.

To receive a baccalaureate degree in Urban Studies, a student must:

- (1) Complete the general course requirements outlined below.
- (2) Select one of the two alternatives noted below (A or B) and complete its course requirements.
 - (A) Forty-five hours of Urban Studies courses (including GV 485), Research in Urban Studies, and eight additional five-hour courses from at least four Urban Studies areas.

- (B) Fifty-five hours of Urban Studies courses (with GV 485 waived) including courses in at least five of the seven Urban Studies areas.
- (3) Complete the requirements for two fifteen-hour minors in Urban Studies, one of which must come from the seven Urban Studies topical areas (above) or Regional Studies.

Freshman Year

First Quarter		Second Quarter	
EH 101 Eng. Composition	5	EH 102 Eng. Comp.	5
HY 101 World History	5	HY 102 World History	5
GV 101 Constitutional Foundation of American Democracy	5	GV 102, Institution of American State and National Government .	5
		Elective	5
<hr/>		<hr/>	
15		20	

Third Quarter

MH 150 or MH 160	5
SY 201 Introduction to Sociology	5
HY 201, HY 202 or PG 211	5
Elective	5
<hr/>	
20	

Sophomore Year

First Quarter		Second Quarter	
EH 305 Advanced Expository Writing	5	Natural Sciences	5
MH 267 Elem. Statistics	5	HY 201, HY 202, PG 211	5
HY 201, HY 202, PG 211	5	EC 201 Economics I	5
		Elective	5
<hr/>		<hr/>	
15		20	

Third Quarter

Natural Sciences	5
EC 202 Economics II	5
Elective	5
<hr/>	
15	

During the Junior and Senior years, the Urban Studies option will complete the required number of hours for the option, the two minors and elective work to total 200 hours. Students majoring in Urban Studies should consult on a quarterly basis with their advisor in the Urban Studies Program.

DESCRIPTION OF COURSES

BIOLOGY (BI)

Professor Cairns (*Head*)

Assistant Professors Adams and Cooper

Instructors McKee and Owens

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

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

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

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

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

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

104. Biology in Human Affairs (5). Lec. 5, Pr., BI 101.

Application of biological principles to an understanding of man as an organism and as a member of the ecosystem.

301. 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.

310. 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.

311. Human Anatomy and Physiology II (5). Lec. 4, Lab. 4, Pr., Department Approval.

Anatomy and Physiology related to the nervous system and special senses; respiratory, digestive, urinary, endocrine, and reproductive system; and body fluids and electrolytes.

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.

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 301 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 301 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 301, 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 301 and Pr. or Coreq. IB 420 or Department Approval.**
Studies of the actions of environmental factors upon the bacterial flora and of the actions of microbes upon their environments.
- 407. Immunology and Serology (5). Lec. 4, Lab 4, Pr., BI 301 or 302. Organic and/or biochemistry recommended. Junior standing or Department Approval.**
Immunobiology and immunochemistry of humoral and cellular mechanisms of immunity.
- 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 phenomena at the population level of organization, particularly population size and dynamics, 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 or removal, and effects on populations or organisms.
- 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.**
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. 4, Pr., BI 102 or BI 103 or Department Approval.**
Taxonomy and environmental relationships of the biota of fresh-water habitats.
- 470. Microtechnique (5). Lec. 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.
- 495. Perspectives in Biology (4). Lec. 3, Lab. 3, 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. Laboratory will concentrate on examining and learning to use journals, abstracts, reference materials and other information retrieval sources.
- 498. Independent Study (1-5; may be repeated for a maximum of 5 hours). Pr., Junior standing and Department Approval.**
For the superior student studying in biology. Library and/or practical experience in approved topics or projects 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 COURSES (MTY/BI)

Assistant Professor Hebert

- 100. Introduction to Medical Technology (3). Lec.**
An introductory course showing aims and requirements of the various clinical laboratory sections.
- 301. Med. Tech. Orientation (5) Lec.**
A clinical orientation course covering Hematology, Chemistry, Blood Bank, Serology, Bacteriology, Micology, Parasitology, and Nuclear Medicine. Review and orientation course for students of Medical Technology entering the intern year.
- 307. Immunology I (5). Pr., Department Approval.**
An introduction to the basic concepts in immunochemistry and immunobiology and their importance to clinical laboratory procedure.
- 307. Immunology II (5). Pr., BI 310 and BI 311 and CH 211 or CH 520.**
Study of the development of Thymus-mediated and Bursa-mediated immunologic mechanisms. The beneficial and adverse conditions of cellular and humoral immunity will also be covered.
- 312. Hematology I (5). Pr., Junior standing or department Approval.**
Study of the origin and maturation of blood cells and other blood components with specific emphasis on morphology and laboratory diagnostic techniques.
- 313. Hematology II (5). Pr., Junior standing or Department Approval.**
Study of various blood disorders with emphasis on pathology and laboratory diagnostic techniques.
- 314. Clinical Chemistry I (5). Pr., BI 310 and BI 311, 20 hours of chemistry (to include CH 211 or 520).**
Study of the general intermediary metabolites of interest to the chemistry laboratory in the diagnosis of disease. Emphasis will be placed on the various organs of the body in terms of normal and abnormal metabolities.
- 315. Clinical Chemistry II (5). Pr., Department Approval.**
Study of the principles of automation and analytical systems utilized by clinical laboratories.
- 400. Clinical Bacteriology I (4). Pr., Department Approval.**
This course is designed to take the student through the current procedures used in clinical laboratories for the identification of pathogens. The identification procedures will be concerned with pathogenic and nonpathogenic bacteria classified as follows: Gram Negative bacteria, Gram Positive bacteria, in relation to aerobic and anerobic pathogens and nonpathogens in these classes. Emphais will be placed upon the organs of the body involved in the disease processes.

401. General Clinical Chemistry III (4). Pr., Department Approval.

This course is designed to cover the general intermediary metabolites which are examined in blood specimens. Emphasis will be placed upon the organs of the body involved with normal and abnormal aspects of metabolites being considered. The physiologic mechanisms of the disease processes with an emphasis on the Meuroendocrine system will be the main objective of this course. A preliminary introduction to the instrumentation used in this area of the clinical laboratory will be included in this course.

402. Specialized Clinical Chemistry (4). Pr., Department Approval.

This course is a follow up to the General Clinical Chemistry course at the hospital. Emphasis will be placed upon hormonal control of the body processes. The procedures used in studying hormonal levels will be covered in this course in addition to electrophoretic techniques, radiosotope (wet procedure) techniques, chromatography techniques, and toxicology screening. The normal and abnormal aspects of body organs will be covered again but in more detail.

403. General Clinical Hematology III (4). Pr., Department Approval.

This course is designed to cover the normal development of the particulate portion of human blood; erythrocytes, leukocytes and thrombocytes. The major portion of this course will cover the normal developmental mechanisms with the techniques used in laboratories to determine the normal development of cells in the blood tissue. Students will be introduced to dyscrasias toward the end of the quarter.

404. Specialized Clinical Hematology IV (4). Pr., Department Approval.

This course will cover abnormalities of human blood cells: anemias, leukemias and thrombocyte disorders. The physiologic mechanisms will be discussed and the diagnostic techniques covered. Coagulation mechanisms both normal and abnormal with factor identifications will be covered. Instruction in this class will be in the hospital.

405. Theoretical Clinical Immunology III (4). Pr., Department Approval.

This course will cover the development of Thymus-mediated and Bursa-mediated immunologic mechanisms. The beneficial and adverse conditions of cellular and humoral immunity will be covered.

406. Practical Clinical Immunology IV (4). Pr., Department Approval.

The techniques utilized in clinical laboratories in Blood Bank and Serology departments will be studied. The techniques of fluorescent antibody tagging will be included which also involves the areas of Hematology, Bacteriology, and Parasitology. Instruction in this class will be at the hospital.

407. General Clinical Instrumentation III (4). Pr., Department Approval.

This course will involve a survey of the instrumentation utilized by laboratories in the diagnosis of disease. Instrumentation studied will be: Dual pin autoanalyzer, Densitomer, HC 300, Atomic Absorption, Atomic Emission.

- 408. Specialized Clinical Instrumentation IV (4). Pr., Department Approval.**
This course will involve a study of the following instruments and techniques involved: Perkin-Elmer 550 UV-VIS Double Beam Spectrophotometer, Sequential Analyzers (Field trips will be involved here), Blood gas and Electrolyte equipment. Instruction in this class will be at the hospital.
- 409. Clinical Mycology II (1). Pr., Department Approval.**
The course will emphasize the increasing importance of fungal infections in hospital populations. Classes of fungi covered will be the Ascomycetes, Basidiomycetes, Deuteromycetes (Fungi Imperfecti), and Myxomycetes. Emphasis will be placed on the Fungi Imperfecti and their relationship to the other classes, since this class contains the bulk of pathogenic fungi.
- 410. Clinical Nuclear Medicine (1). Pr., Department Approval.**
The theory of the dry procedures of nuclear medicine will be covered as well as the applications. This course will involve field trips to various nuclear medicine departments in this area to observe the procedure used.
- 411. Clinical Parasitology II (4). Pr., Department 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. The body's immunologic reactions to the parasitic infections will also be covered. An emphasis will also be placed on the increasing incidence of infection due to the modern developments of international travel.
- 412. Clinical Urinalysis I (1). Pr., Department 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 analysis utilized in clinical laboratories.
- 413. Clinical Virology I (1). Pr., Department Approval.**
This course will cover the implications of clinical and general virology. Disease mechanisms of DNA and RNA viruses will be covered as well as the increasing importance of virology to the clinical laboratory. Included in this course will be field trips to the Public Health Laboratories which have facilities for tissue culture screening of suspect viral infections.
- 414. Clinical Bacteriology II (1). Pr., Department Approval.**
This course is designed to introduce the student to the classification, identification and treatment of the mycobacteria.
- 415. Clinical Serology (1). Pr., Department Approval.**
This course is designed to survey serological procedures used in clinical laboratories. Special emphasis will be placed on syphilis serology.
- 416. Clinical Urinalysis II (3). Pr., Department approval.**
This course is designed to be a follow-up to Urinalysis I. This course to be given in a hospital environment.

417. Clinical Bacteriology II (4). Pr., Department Approval.

This course is a follow up to MTY 400. It will cover microbiological procedures in a hospital environment.

418. Clinical Electrophoresis (4). Pr., Department Approval.

This course is designed to introduce a student to electrophoretic procedures encountered in a hospital laboratory environment. Instruction given at the hospital.

419. Clinical Serology II (3). Pr., Department Approval.

This course is designed to introduce a student to methods and techniques of serology in a hospital environment.

CHEMISTRY (CH)

Professor Tegginis (*Head*)

Associate Professor Hamilton

Assistant Professors Richardson and Rawlings

Instructors Hester and Hill

101. General Chemistry I (5). Lec. 4, Lab 3, Pr. or Coreq., MH 150, or 160, or 161.

A detailed study of chemical bonding and states of matter. Suitable for technical majors. Students with weak backgrounds would benefit from taking PHS 101 prior to this course.

102. General Chemistry II (5). Lec. 4, Lab. 3, Pr., CH 101.

A study of factors influencing reaction rates, chemical equilibrium, electro-chemical reactions, and thermochemistry.

103. General Chemistry III (5). Lec., 4, Lab. 3, Pr., CH 102.

A study of the chemistry of important chemical elements plus elementary introductions to organic chemistry, biochemistry, and nuclear chemistry.

201. Analytical Chemistry (5). Lec. 3, Lab. 6, Pr., CH 103.

Theory and application of volumetric and gravimetric quantitative analyses.

210. Survey of Organic Chemistry (5). Pr., PHS 100 or CH 101.

A general survey course designed for pre-nursing and others requiring a brief introduction to organic chemistry. May be taken as part two of a three part sequence of courses (PHS 101, CH 210 and CH 211) for students in Nursing and Allied Health Sciences.

211. Nutritional Biochemistry (5). Pr., CH 210 or 301.

A descriptive course in general biochemistry with applications to human digestion, absorption, body fluids, and nutrition. May be taken as part three of a sequence for Nursing and Allied Health Science students (PHS 101, CH 210, and CH 211).

301. Organic Chemistry I (5). Lec. 4, Lab. 3, Pr., CH 102.

A systematic study of important groups of aliphatic and aromatic compounds. Includes an introduction to functional groups.

302. Organic Chemistry II (5). Lec. 4, Lab. 3, Pr., CH 301.

A detailed study of the more important 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 with a brief introduction to biochemical systems. Laboratory involves qualitative analysis.

410. Physical Chemistry (5). Pr., 25 hours chemistry.

A study of kinetic phenomena which influence chemical reactions. Taught in fall of even-numbered years. This course may be taught concurrently with CH 610.

411. Physical Chemistry II (5). Pr., 25 hours chemistry.

A study of chemical bonding and thermodynamics. Taught in fall of odd-numbered years. This course may be taken concurrently with CH 611.

420. Biochemistry (5). Lec. 4, Lab. 3, Pr., 25 hours of chemistry or biology.

A standard biochemistry course designed to meet the requirements of students in the health and biological sciences. This course may be taken concurrently with CH 620.

430. Instrumental Chemical Analysis (5). Lec. 3, Lab. 6, Pre., 25 hours of chemistry including CH 201. This course may be taught concurrently with CH 630.

The use of visible, ir, uv, and atomic absorption spectroscopy, and gas chromatography. An emphasis will be placed on operational variables for modern equipment.

498. Independent Study in Chemistry (1-5). Pr., 25 hours chemistry and Department Approval.

CRIMINAL JUSTICE (CJ)

Associate Professors McCreedy (*Head*) and Osterhoff

Assistant Professors Schlotterback and Schrader

Instructor Hyland

211. Survey of Criminal Justice Administration (5).

Philosophy and history of criminal justice administration; examination of criminal justice agencies operating as an interacting system from law enforcement agencies through the courts and into correctional components.

304. Criminal Justice: Ecology and Etiology (5).

Examination of social, political, economic, religious, and emotional characteristics of criminal justice problems; historical as well as systems perspective with a multidisciplinary approach.

312. Concepts of Investigation (5).

Examination of theories and practices of the investigative process in the criminal justice system; specific operational techniques; application of innovative techniques.

313. Basic Criminalistics (5).

The application of the knowledge of the physical and natural sciences to the administration of criminal justice. Includes probability; value and limitation of various types of physical evidence; basic processing techniques.

316. Introduction to Security Administration (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.

318. Physical Security (5). Pr., CJ 316 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 the security of inventory, personnel and documents.

319. Personnel Security (5). Pr., CJ 316 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 non-clearable 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.

321. Criminal Justice: Administrative Organization (5). Pr., CJ 211.

Functional and structural approaches to the study of Criminal Justice administration. Examination of traditional and innovative approaches in Criminal Justice organization with emphasis on the systems approach.

351. Corrections: Theory and Practice (5).

Examination of the historical development of corrections; its philosophical orientation; theories and practices, including the traditional and contemporary; institutional and non-institutional aspects.

353. Alternatives to Incarceration (5).

Problems in probation, pardons and parole are examined as to policies, procedures, and feasibility. Relationship to community service organizations are examined.

354. The Juvenile Justice System (5).

History and development of traditional and current methods for responding to the needs of the juvenile offender. Process oriented approach to the roles of involved agencies with emphasis upon formal and informal treatment methods.

361. Legal Bibliography and Advocacy Research (5).

Detailed study of legal bibliography, law library research, case and text analysis resulting in the supervised production of legal memos and a legal brief.

362. Substantive Criminal Law (5).

Jurisprudential philosophy and case study of common law and statutory crimes; includes functions and development of substantive criminal law, elements of specific offenses; defenses.

363. Evidentiary Issues in the Legal Process (5).

Issues and problems of proof in civil and criminal trials, admissibility, examining witnesses, constitutional considerations, exclusionary rules.

422. Criminal Justice Information Systems (5).

Study of information systems relating to the criminal justice system. Familiarization with data processing technology in organizational planning, and crime prevention and apprehension programs.

437. *Concepts and Problems of Industrial Security (5). Pr., CJ 316 and CJ 321 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.

441. Concepts of Police Management (5). Pr., CJ 321 or permission of instructor.

Examination of the management of law enforcement organization in terms of administrative structure and process. Analyzes issues of program development and implementation in the provision of police service.

454. Juvenile Justice Law (5). Pr., CJ 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 Administration (5). Pr., CJ 351, and CJ 321, or permission of instructor.

Application of basic principles of organization and administration to corrections. Relationship among functional components of an institution; innovative models in both institutional and non-institutional settings.

464. Criminal Procedure (5). Pr., CJ 362, and CJ 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, extradition, jurisdiction and venue, preliminary examination, bail, the grand jury, indictment and information, arraignment, trial and review, probation, parole, and pardon.

465. Civil Litigation and Trial Preparation (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.

466. Courts Management (5). Pr., Junior or Senior standing.

Historical and contemporary perspectives of the field of state court management. Details as to who court managers are and what they do at the state and local level.

490. Special Topics in Criminal Justice (5). Pr., Junior or Senior standing.

Indepth 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 taught concurrently with CJ 690, Special Topics in Criminal Justice.

491. Directed Research (1-10). Pr., Senior standing and permission of instructor.

Independent research into criminal justice problems, issues, and theories. Credit may not exceed (5) for any single project.

495. Criminal Justice Internship (1-10). Pr., Junior or Senior standing and permission of instructor.

Supervised experience 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.

ENGINEERING (EN)

Associate Professor Chambless

Assistant Professor Liddell

102. Graphical Communication and Design (2). Lab 6.

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.

205. Applied Mechanics: Statics (5). Pr., MH 162, Coreq. 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.

207. Mechanics of Solids (5). Pr., EN 205, Coreq. 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 subjected to axial loading, torsion, shear, and flexure; columns and beam-columns.

261. Linear Circuit Analysis I (5). Pr., MH 163, Coreq. PS 301.

Basic laws and concepts; resistive circuits, systems of linear equations, R-L and R-C circuits.

301. Thermodynamics I (5). Pr., PS 210 and MH 162.

Laws of thermodynamics; energy transformations; properties and relationships among properties; equations of state and simple processes and cycles.

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.

340. Fluid Mechanics I (5). Pr., EN 301 and EN 321.

Fluid properties; fluid statics; fluid kinematics; integral forms of conservation laws—application to exterior and interior flows; dimensional analysis.

GERONTOLOGY (GER)

Professors Boyles, Cairns and Savage
Associate Professors, Slattery and Vocino
Assistant Professors Adams and Rankin

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 637)

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)

GOVERNMENT (GV)

Professors Boyne and Savage
Associate Professors Grafton, Permaloff, Rabin,
Vocino (Head) and Wells
Assistant Professors Elliott and B. Moody
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., Sophomore standing.

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., Sophomore standing.

Presents a variety of strategies for the gathering of data in the behavioral sciences. Same as SY 302.

320. Introduction to International Relations (5). Pr., Sophomore standing.

The study of the factors that influence the interactions of nations with illustrative case studies.

321. Introduction to Comparative Government (5). Pr., Sophomore standing.

Analyzes the political processes of several major nations such as Great Britain, France, Germany, and the Soviet Union.

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.
- 350. The American Chief Executive (5). Pr., GV 102.**
Surveys the development and operation of the American Presidency and state gubernatorial offices.
- 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.
- 380. Introduction to Political Behavior (5). Pr., GV 101.**
Surveys the personal and social bases of political participation, political choice, and political leadership.
- 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.
- 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.
- 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.

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.

460. Constitutional Law (5). Pr., GV 101 or GV 102.

Surveys the development of American constitutional law that shapes the contemporary powers of governments in the United States.

461. Civil Liberties (5). Pr., GV 101 or GV 102.

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.

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.

484. Seminar in Urban Studies (5). Pr., GV 101 and GV 102.

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.

490. Special Problems (3-5). Pr., Fifteen hours of government courses and permission of instructor.

May repeat for a maximum of 10 hours.

495. Internship in Public Affairs (5-10).

Practical experience in operational government agencies or related political activities; arranged and approved by the coordinator of the Government Program.

MATHEMATICS (MH)

Associate Professors Chambless, J. Hill (*Head*), Nanney and Woods

Assistant Professors Grinstein, Liddell and Upson

Instructors Albree, Palmer, and Wilson

090. Developmental Mathematics (5). Pr., permission of instructor.

A review of high school algebra I for those not prepared for College Algebra. Only the grades S (successful completion) and U (not completed) will be assigned. Credit for any other college mathematics course precludes credit for this course. This course does not fulfill the mathematics requirement of the University Liberal Education Program.

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.

150. College Algebra (5). Pr., High school geometry and one year of high school algebra or Department Approval.

Emphasizes algebraic techniques, coordinate geometry, functions and relations and their graphs, and common logarithms. A preparatory course for MH 151, MH 160, and MH 161. However, credit will not be allowed for both MH 150 and MH 160.

151. Survey of Calculus and Linear Algebra (5). Pr., MH 150 or MH 160.

Designed for students who will not be taking calculus. Matrix algebra, systems of equations, linear programming; differential and integral calculus. Applications in the management, natural and social sciences are included.

160. Pre-Calculus Mathematics with Trigonometry (5). Pr., High school geometry and two years of high school algebra or MH 150.

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.

161. Analytic Geometry and Calculus I (5). Pr., MH 150 or MH 160.

Limits; the derivative of a function, applications of the derivative; the differential, and antidifferentiation, differential equations with variables separable.

162-163. Analytic Geometry and Calculus II, III (5-5). Pr., MH 160 and MH 161.

The definite integral, the fundamental theorem of the calculus, applications of the integral; the calculus of logarithmic and exponential functions; the calculus of trigonometric and inverse trigonometric functions. Techniques of integration, indeterminate forms, improper integrals; Taylor's theorem; infinite series, power series.

240. Scientific Programming (5). Pr., MH 161.

The languages studied are BASIC and FORTRAN IV. Applications will be from mathematics, biology, chemistry, physics, geology, engineering, linguistics and the behavioral sciences as appropriate.

264. Analytic Geometry and Calculus IV (5). Pr., MH 163.

A continuation of MH 163. Vector analysis, partial derivatives, multiple integrals.

265. Linear Differential Equations (5). Pr., MH 163.

First and second order linear differential equations including infinite series solutions to such equations.

266. Linear Algebra (5). Pr., MH 163.

Vector spaces, linear transformations, matrices, determinants and systems of equations.

267. Elementary Statistics (5). Pr., MH 150 or 160.

This course provides a statistical background for students not majoring in mathematics. Topics covered include probability, frequency distributions and sampling, as well as hypothesis testing, correlation and regression.

281-2. 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.

320. Number Systems (5). Pr., Any Sophomore level mathematics course.

Sets, equivalence relations, equivalence classes; the natural number system, mathematical induction; construction of the integers; the rational number system, fields, ordered fields; the real number system, the completeness axiom; the complex number system.

321-322. Analysis I, II (5-5). Pr., MH 163.

Topological properties of the real number system viewed as a metric space, number sets, sequences, graphs of functions; Riemann-Stieltjes integration, continuity, the derivative, functions of bounded variation; functions whose domains are in Euclidean spaces; measure theory.

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.

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.

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

Correlation and regression, analysis of variance, non-parametric methods, multivariate analysis. Emphasis on applications.

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.

423. Complex Analysis (5). Pr., MH 321.

Complex numbers, limits, differentiation. Analytic functions. Integration, conformal mappings. Riemann surfaces. This course may be taught concurrently with MH 623.

- 440. Mathematical Models and Simulation (5). Pr., MH 264 and MH 265.**
Use of models and simulation for solving problems in applied mathematics. Techniques of setting up, solving, and interpreting models as well as the introduction to certain standard models. This course may be taught concurrently with MH 640.
- 447. Foundations of Plane Geometry (5). Pr., MH 163.**
Axiomatic development of a plane geometry. Emphasis is placed on development of proofs by students. This course may be taught concurrently with MH 647.
- 450. Topology (5). Pr., MH 321.**
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.**
Polynomial approximation, numerical differentiation and integration, solutions of ordinary differential equations (initial value problems), error analysis. These courses may be taught concurrently with MH 660-661 respectively.
- 467. Mathematical Statistics I (5). Pr., MH 264.**
Probability spaces, combinatorics, multidimensional random variables, characteristic functions, special distributions, limit theorems, stochastic processes. This course may be taught concurrently with MH 667.
- 468. Mathematical Statistics II (5). Pr., MH 467.**
A continuation of MH 467. Statistical inferences, estimation and hypothesis testing, regression analysis, sequential analysis and non-parametric methods. This course may be taught concurrently with MH 668.
- 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)

Professor Teggin (Head)
Associate Professor Hamilton
Assistant Professors Rawlings and Richardson
Instructors Hester and Hill

- 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.
- 101. 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 Nursing and Allied Health Service students (PHS 101, CH 210, CH 211)

105. Introduction to Astronomy (5).

Instruments, measurements, and celestial mechanics. The planetary system, stars, comets, nebulae, 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 phenomena influencing the weather.

400. Pre-Health Studies (5). Pr., Sophomore standing and permission of premedical advisor and a minimum 1.75 QPA 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 Examination (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 twenty-five clock hours of study time per week is required.

PHYSICS (PS)

210. General Physics I (5). Lec. 4, Lab. 3, Corequisite, MH 161.

A treatment of statics, dynamics, and thermodynamics intended for technical majors.

211. General Physics II (5). Lec. 4, Lab. 3, Corequisite, MH 161.

A treatment of sound, light, physical optics, and atomic spectra intended for technical majors.

301. General Physics III (5). Pr., MH 163 and PS 210.

A study of electricity, magnetism and modern physics. It should be noted that more independent effort is required than in PS 210 or PS 211. Do not attempt this course with a weak mathematical background.

498. Independent Study in Physics (1-5). Pr., Junior standing and Department Approval.

Library and/or practical experience in approved topics or projects. A written scientific report and/or a written final examination will be required.

PSYCHOLOGY (PG)

Professors Boyles and Jenkins

Associate Professors Consalvi, Katz, and Slattery (*Head*)

Assistant Professors Beck, and Lockhart

Instructors Long and Witherspoon

101. Personal and Social Adjustment (5).

A study of factors important in adjusting to today's world. Emphasis on the development of normal behaviors, with a brief presentation of broad areas of abnormal behavior. This course is intended for non-psychology majors. Offered every quarter.

211. General Introductory Psychology (5).

The scientific study of individual behavior emphasizing principles of learning, perception, and motivation. Offered every quarter.

310. Preception and Motivation (5). Pr., PG 211.

An examination of factors governing and structuring an interpretation of the stimulus field and the direction of behavior. Offered Spring quarter, even-numbered years.

312. Behavior Analysis (5). Lec. 4, Lab. 3, Pr., PG 211.

A study of basic principles of learning to include an in-depth analysis of operant and respondent behavior, reinforcement schedules, escape and avoidance behavior, and secondary reinforcement. Students are required to participate in scheduled laboratory sessions where they apply learning principles to an experimental animal. Offered Fall, Winter, and Spring quarters.

314. Industrial Psychology (5). Pr., PG 211.

A survey of the application of psychological technology to business, industry, and organizations. Offered Fall quarter.

317. Developmental Psychology (5). Pr., PG 211.

A study of behavior transitions through pre-natal infantile, juvenile, adolescent, adult, and senescent 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.

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). 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 quarter.

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 quarter.

413. Advanced Behavior Modification (5). Lec. 4, Prac. 3, Pr., PG 211, 312, 350, 512 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 credit. Offered Winter and Summer quarter.

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, MH 367.

Theory of psychological measurement and techniques of item and test construction. Offered Summer and Winter quarter.

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, MH 367.

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). Pr., PG 211, 15 hours of Psychology and Department 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 quarter.

421. Physiological Psychology (5). Pr., PG 211, 310, 312, 350.

An introduction to the neurological and physiological substrates of behavior. Offered Winter quarter, even-numbered years.

422. Comparative Psychology (5). Pr., PG 211, 310, 312.

Analysis of learned and unlearned animal behavior and its evolutionary development, integrating the contributions of ethological and behavioral approaches. Offered Spring quarter, odd-numbered years.

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 531. Offered Spring quarter, odd-number years.

426. Leadership and Supervision (5). Pr., PG 211, 314, 350.

Analysis of supervisory and executive behavior and their relation to behaviors of subordinates. Offered Winter quarter.

430. Experimental Psychology (5). Lec. 4, Lab. 3. Pr., PG 211, 310, 312, 419, MH 267, MH 367.

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 quarter.

481. Seminar in Psychology (5). Pr., PG 211 and 10 hours in Psychology.

Topics for the seminar to be determined on the basis of student and instructor interest. Offered Spring and Summer quarters.

490. Independent Study in Psychology (2-10). Pr., PG 211 and 20 upper division hours in Psychology or Biology.

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.



DIVISION OF CONTINUING EDUCATION

The Division of Continuing Education is the agency of the University which coordinates, guides, facilitates, and provides leadership for educational programs for adults. The Continuing Education program is basically a projection of the University resources to those persons not regularly enrolled as students on the campus. The program may take the form of credit or non-credit courses, conferences, cultural offerings and special educational service projects. Offerings include a broad range of courses in the humanities, the social 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 community in Montgomery. 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.

Programs 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.

NON-CREDIT AND OTHER SPECIAL PROGRAMS

Through its program of non-credit courses the Division of Continuing Education is able to provide a diverse educational program which may be utilized by practically every member of the service community. Services are offered civic, professional, and other organizations for the purpose of planning seminars, courses, institutes, lectures, or other group activities which the University has qualified personnel to support or access to such personnel.

Continuing Education non-credit programs are designed for those desiring training to enter a specific occupation, those wishing to upgrade their skills in order to advance, and those who want to more fully enjoy their leisure time, hobbies, and other interests through enrichment or special interest courses.

Activities

Non-credit short courses are offered regularly both on and off campus and are announced by means of a quarterly brochure and through the mass media.

Special courses are offered on request which are designed to meet identified educational needs for a particular group of participants.

Conferences and workshops are planned and conducted by the Division in cooperation with groups who have requested assistance and for groups with identified educational needs.

Consulting services are also arranged through the Division of Continuing Education. University personnel are provided who assist organizations in the identification of problems and provide information in regard to solving the identified problem.

Anyone interested in requesting the Division of Continuing Education to offer an educational program should contact the Division for information.

Location and Scheduling of Non-Credit Programs

Programs are conducted throughout the service area covered by the University in available facilities. Courses are normally planned to meet weekly for two or three hours. Location and scheduling are both flexible and the prime consideration is convenience to the student.

Admission Requirements

Since degree credit is not granted, the admission requirements are simply a desire to learn, registration, and payment of tuition. In many cases, pre-registration 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.

ENCORE

Recognizing that more adults are entering college, the Division of Continuing Education has a special program designed to meet the particular needs of the adult student. The program is *Encore*, and it begins with the consideration that many mature students need guidance upon entering college or returning after having been out for a period of time.

The Encore Program includes a series of workshops, counseling services, and other projects and services planned specifically for the adult student.

Cooperative education and career placement

Cooperative Education is the welding together of classroom theory with practical work experience. While on cooperative assignment, students work as regular employees of the cooperative employer, while receiving professional supervision. Upon graduation the student will have both a degree and experience to offer a potential employer. Employers weigh this experience heavily when students are interviewed for employment after graduation.

Applicants should have a minimum of a C+ grade point average and have attended AUM for at least one quarter prior to placement. Both parallel and alternating schedules are available depending on the student's curriculum.

The Career Placement section is a clearing house of information designed to meet the needs of students concerned with career planning and placement. The basic functions are: (1) student placements (part-time employment opportunities); (2) career placements (entry-level employment oppor-

tunities); and (3) educational placement. A career library is also maintained which includes information pertaining to the different types of careers available as well as the job search process.

For additional information or co-op applications, go to Room 207 or 213 Goodwyn Hall, or phone 279-9110, extension 344.

CREDIT PROGRAMS

Off-campus Credit Programs

Undergraduate and graduate credit courses are offered through the Division of Continuing Education in off-campus locations for those individuals who are unable to enroll in a full-time campus program. Through off-campus courses, the University hopes to assist many citizens in pursuing their plans for continuing and broadening their general education.

The location and scheduling of off-campus courses is determined by potential student enrollment, availability of classroom facilities, and the educational needs of the requesting community.

Courses are offered, generally, during the fall, winter and spring quarters. Depending on credit awarded, courses will meet either once or twice weekly.

Course announcements are made several weeks in advance of the registration date and are planned cooperatively by local education personnel, potential students and AUM personnel. Information concerning specific courses may be obtained from the Division of Continuing Education.

Credit Workshops

Workshops for credit may be conducted through the Division of Continuing Education. These workshops may vary in length and amount of credit. Workshops are conducted at locations convenient to the participants and conducive to the purpose of the training. For additional information, contact the Division of Continuing Education.

WEEKEND COLLEGE

The Weekend College program offers many adults, who are unable to attend college during the traditional university hours, the opportunity to begin or resume their education. Undergraduate as well as graduate credit courses are offered on a Friday, Saturday and/or Sunday schedule. In addition, some non-credit courses are scheduled.

RESERVE OFFICERS TRAINING COURSE

AIR FORCE

DIVISION OF AEROSPACE STUDIES—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 program is the major source of Air Force officer procurement. The purpose of AFROTC Detachment 019, at Alabama State University, is to offer educational experiences which will develop an appreciation for democracy, prepare students for responsible citizenship, and train students for management and leadership in the Air Force. To accomplish this purpose, the Division of Aerospace Studies offers a two-year and a four-year program leading to a commission in the United States Air Force. This program is available to Auburn University at Montgomery students through a Cross-Town Enrollment Agreement.

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 Alabama State University. There is no military obligation connected with enrolling in freshman and sophomore years of the four-year program. Upon completion of the first two years of the four-year program, General Military Course (GMC), a student may be selected for enrollment in the Professional Officers Course (POC). All or a portion of the General Military Course may be waived, by the Professor of Aerospace Studies, for Air Force Junior ROTC, Civil Air Patrol, Military School Training, or prior active service in any branch of the U.S. Armed Forces. Selection into the Professional Officers Course is based upon completing the Air Force Officers Qualifying Test, passing an Air Force medical examination, and completing a four-week summer field training session, usually between his or her sophomore and junior years. All summer field training costs are paid by Air Force, and in addition, the student will receive a salary equal to one-half the pay of a second lieutenant with under two years of service for this four-week period. Other basic requirements for the four-year program are: the student must be a citizen of the United States and possess sound moral character. If a student desires to be a pilot or navigator designee, he must be able to complete commissioning requirements before he reaches 26½ years of age. Presently, only male cadets may be designated for pilot or navigator training. If a student is a scholarship recipient, he or she must be able to complete commissioning requirements before attaining age 25 on June 30 in the estimated year of commissioning. Otherwise, all other students must complete commissioning requirements prior to age 30. Cadets who are admitted to the Professional Officers Course receive a \$100 a month non-taxable allowance, up to a maximum of \$1,000 per school year. Students 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 student enrolled in the Professional Officers Course agrees to accept a commission as a reserve second lieutenant and serve for a period of four years on active duty. If a student is accepted for pilot or navigator training, he agrees to serve for a period of five years on active duty after receiving his "Wings".

Two-Year Program

The major requirement for entry into the two-year program is that a student has two academic years remaining, either at the graduate or undergraduate level, or a combination of the two levels. Other requirements are: completing the Air Force Officers Qualifying test, passing the Air Force medical examination, and successfully completing a six-week summer field training course. Students desiring to qualify for the two-year program must apply early in the calendar year 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.

The AFROTC Scholarship Program

Scholarships are now 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 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 campus by a board of institutional officials and 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 his 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.

For additional information concerning Aerospace Studies at Alabama State University, contact The Professor of Aerospace Studies, Alabama State University, Montgomery, Alabama 36101. Applications by interested students should be made in writing or by a personal visit to the Professor of Aerospace Studies.

ARMY

DEPARTMENT OF MILITARY SCIENCE

Study of Military Science at Auburn University at Montgomery began Fall Quarter 1972. Military Science instruction leading toward an Army commission is available to both male and female students. Instruction in Military Science is under the supervision of an officer of the Active Army who is detailed as Professor of Military Science. The Professor of Military Science is assisted by a staff of commissioned and non-commissioned officers of the

Army. The curriculum in Military Science is divided into two courses, Basic and Advanced. A description of course requirements is discussed in the following paragraphs.

BASIC COURSE

The Basic Course consists of a six-quarter block of instruction normally taken during the freshman and sophomore years. During the freshman year, two hours of instruction (one classroom and one Leadership Lab) are taken each week for three quarters. In the sophomore year, three hours of instruction (two classroom and one Leadership Lab) are taken each week for three quarters. One credit hour is allowed each quarter.

The Basic Course will only be taught if there is sufficient need and student interest in this program. Otherwise, interested students must participate in the Basic Camp, be a qualified veteran, or have three-years JROTC experience to qualify for the Advanced Course.

BASIC CAMP

The Basic Camp consists of six weeks of field training conducted at an Army Post during the summer. Basic Camp *is not required* for students completing the Basic Course described above. It is designed for transfer students and sophomores, or students with 6 quarters remaining who wish to substitute the successful completion of the basic camp for the six-quarters resident Basic Course and enroll in the Advanced Course. Students may apply to the Professor of Military Science and enter into an agreement to complete Basic Camp and the Advanced Course during the winter quarter of each year. While attending basic camp, students are paid approximately \$550.00, plus reimbursement for travel expenses at the rate of ten cents per mile to and from camp. Uniforms, quarters, medical care and rations are furnished by the government during the camp period.

ADVANCED COURSE

The Advanced Course is designed to produce officers for the Army of the United States, both the Active Army and the Reserve. Successful completion of the Advanced Course and graduation qualifies the student for a commission as 2nd Lieutenant in one of the following branches of the United States Army Reserve: Adjutant General's Corps, Air Defense Artillery, Armor, Corps of Engineers, Field Artillery, Finance Corps, Infantry, Medical Service Corps, Military Intelligence, Military Police Corps, Ordnance Corps, Quartermaster Corps, Signal Corps, Transportation Corps, based on student's choice and needs of the Army. Students who are designated Distinguished Military Students may apply for a Regular Army commission, if accomplished prior to graduation. Regular Army appointments are contingent upon selection by Department of Army and subsequent designation of the cadet as a Distinguished Military Graduate.

Qualified veterans and three-year JROTC participants may enroll in the Advanced Course without taking the Basic Course or the Basic Camp.

The Advanced Course consists of a six-quarter course, normally taken during the junior and senior years, designed to qualify the student for appointment in any of the afore-mentioned branches. Three credit hours per quarter or a total of 18 credit hours, are granted for completion of the Advanced Course. Advanced students are paid subsistence pay of \$100.00 per month, for 10 months of the year, during their Junior and Senior Year.

An Advanced Camp of six weeks duration must be attended by the student before becoming eligible for a commission. Advanced Camp is normally attended during the summer between the end of the junior and the start of the senior years. While attending Advanced Camp, students are paid $\frac{1}{2}$ base pay for a second lieutenant (approximately \$500.00 per month.) Reimbursement to the students for travel expenses is made at a rate of ten cents per mile to and from camp. Uniforms, quarters, medical care and rations are furnished by the government during the camp period.

The applicant for the Advanced Course must:

1. Be a citizen of the United States.
2. Be physically qualified in accordance with standards prescribed by the Department of the Army.
3. Not have reached 28 years of age at time of appointment in the US Army Reserve.
4. Have completed appropriate basic training (2 years basic course or basic camp) or have equivalent military or ROTC training in lieu thereof; have at least two (2) academic years to complete prior to graduation.
5. Have minimum overall academic average of 1.0.
6. Be selected by the Professor of Military Science.
7. Execute a written agreement with the Government to complete the two-year Advanced Course training and attend one Summer Camp (six weeks duration) preferably at the end of the first year of the Advanced Course. Agree in writing to accept an appointment as a commissioned officer in the Army Reserve and serve the prescribed period of duty.

UNIFORMS AND EQUIPMENT

All students are furnished a uniform and other necessary supplies through the ROTC Supply Office. Upon completion of the course of instruction, or upon withdrawal, the uniform and other supplies must be returned in good condition. Students are liable for lost or damaged clothing and equipment.

DISTINGUISHED MILITARY STUDENTS

The Professor of Military Science may designate as a Distinguished Military Student a person who:

1. Possesses outstanding qualities of leadership, high moral character, and definite aptitude for the military service.

3. Has demonstrated his/her leadership ability through his/her achievements while participating in recognized campus activities.
4. Has attained a class standing in the upper third of his/her ROTC class in the Advanced Course, Senior Division, ROTC.

Distinguished Military Students may make application for a commission in the Regular Army any time subsequent to such designation, but not later than the date on which they are designated Distinguished Military Graduates. If accepted, they will be commissioned in the Regular Army upon graduation.

DISTINGUISHED MILITARY GRADUATES

The professor of Military Science may designate as a Distinguished Military Graduate, a person who was designated a Distinguished Military Student and who has maintained the high academic standards between the time of such designation and date of commission and graduation.

MILITARY SCIENCE (MS)

BASIC PROGRAM*

First Year (Freshman) Military Science I

101. The U. S. Army Today and Tomorrow (1). Lec. 1

The War Eagle Special. Features a field trip with rafting, camping, and rappelling. Class topics include role of women in the Army, job specialties, military salaries, options available to ROTC graduates through the Army, Army Reserve and National Guard, and contemporary issues concerning today's student.

102. Human Resource Management - Theory and Practice (1). Lec. 1

The War Eagle Special II. Backpacking is the feature adventure trip, but there is also opportunity to brush up on mountaineering skills. This course consists of a series of video presentations on techniques, leadership principles, and traits common to great leaders such as Patton, Kennedy, and Bradley, plus contemporary management theory.

103. First Aid (CPR) (1). Lec. 1.

Development of first aid knowledge, skills, ability, and personal judgement in basic life support cardiopulmonary resuscitation (CPR).

*Basic Program students must complete a total of six courses to be eligible for the Advanced Program. The following courses may be substituted for any of the Basic Program courses: PE 130, Jogging; PE 133, Orienteering; PE 139, Wilderness Skills; and PE 162, Rifle Marksmanship. All members of the University Rifle Team should enroll in PE 362, Varsity Riflery every quarter in which they are active with the team. All members of the ROTC Ranger Company should enroll every quarter in MS 305, Ranger Operations, Tactics, and Physical Condition. HY 309, Military History of the US may be taken in lieu of MS 202, Military Power and National Security.

Second Year (Sophomore)
Military Science II

Military Science II (Pr., MS I or as determined by the Professor of Military Science).

201. Map Theory and Land Navigation (1). Lec. 1.

Basic map reading including principles of land navigation, methods of expressing direction, use of the lensatic compass, map orientation, map classification, elevation, and relief.

202. Military Power and National Security (1). Lec. 1

Examines the structure and operation of the national security system in the United States, contemporary issues concerning the military and its relationship to American society, and the nature and concept of military power.

302. Introduction to Small Unit Tactics (1). Lec. 1

Studies the functions, duties, and responsibilities of junior leaders; operations of the basic military team; and development of leadership potential through practical exercises.

ADVANCED PROGRAM**

Third Year (Junior)
Military Science III

Military Science III (Pr., MS I & MS II or Basic Camp or equivalent training).

301. Advanced Map Theory, Land Navigation, and Orienteering Techniques (3). Lec. 3, Leadership Lab 1.

Map and aerial photograph reading including marginal information, map and military symbology, use of the compass, and determining scale, distance, elevation, and relief.

302. Theory and Dynamics of Military Leadership and Management I (3). Lec. 3, Leadership Lab 1.

Educational psychology of the instructional process and methods of military instruction to include lesson plan development and writing; familiarization with the various branches of the Army; the the small unit leader's actions in planning, organizing, and executing small unit tactical operations.

303. Theory and Dynamics of Military Leadership and Management II (3). Lec. 3 Leadership Lab 1.

ROTC Advanced Camp preparation to include orienteering, rappelling, and small unit operations.

****Members of the ROTC Ranger Company should enroll every quarter in MS 305, Ranger Operations, Tactics, and Physical Conditioning.**

**Fourth Year (Senior)
Military Science IV**

- 401. Organization and Dynamics of the Combined Arms Team I (3). Lec. 3, Leadership Lab 1.**
Command and staff relationships and functions; organization, mission, and functions of Army divisions; capabilities and employment of combat, support, and service support forces; organization/tailoring of forces for combat.
- 402. Organization and Dynamics of the Combined Arms Team II (3). Lec. 3, Leadership Lab 1.**
Fundamentals of tactical operations; tactical employment of the company team; use of overlay orders; duties and responsibilities of unit commanders and operations officers in combat.
- 403. Advanced Military Leadership and Management Techniques (3). Lec. 3, Leadership Lab 1.**
Army administration, training management, logistics, unit level operations; military justice; customs of the service. A culmination of all prior instruction as it relates to the responsibilities of obligations of an officer.
- 404. Leadership Lab (0) 2 hr. Lab.**
For advanced course, Military Science students not enrolled in ROTC during a quarter because of leave of absence or who have completed all required classroom instruction.

FINANCIAL ASSISTANCE PROGRAM

The Army ROTC offers a scholarship program designed to provide financial assistance to outstanding men and women in the program who are interested in the Army as a career. Each scholarship provides for free tuition, textbooks and laboratory fees, in addition to pay of \$100.00 per month for the period that the scholarship is in effect. During a six-week summer training period, normally at the end of the junior year, this pay is increased to one-half of a second lieutenant's base pay. The scholarships are provided under provisions of Public Law 88-647, The ROTC Vitalization Act of 1964.

Scholarships may be awarded for periods of one, two, three or four years. Four year scholarships are awarded to selected high school applicants who plan to attend a University offering Army ROTC in its curricula.

Three and two-year scholarships are awarded to selected applicants enrolled in freshmen and sophomore military science who are qualified to enter the advanced program.

The one-year scholarship is awarded to selected junior applicants who have enrolled in advanced ROTC and have demonstrated outstanding leadership potential.

Recipients of Army ROTC scholarships agree to serve on active duty as a commissioned officer for a four-year period. The remainder of the normal six-year service obligation may be spent in the U.S. Army Reserve.

FACULTY

- Philpott, Harry M., President1965
A.B., Washington and Lee University; Ph.D., Yale University; D.D. (Hon.), Stetson University; LL.D. (Hon.), Washington and Lee University; LL.D. (Hon.), University of Florida.
- Funderburk, H. Hanly, Jr., Chancellor1968
B.S., M.S., Auburn University; Ph.D., Louisiana State University.
- Abbott, Barton, Adjunct Instructor of Mathematics1975
B.S., M.S., Texas Tech University.
- Adams, Caroline S., Assistant Professor of Biology1974
B.A., Drew University; M.A., Ph.D., Southern Illinois University.
- Albree, Anson B., Instructor of Mathematics1976
B.E., Vanderbilt University; M.A., University of Tennessee.
- Anderson, Nancy, Adjunct Instructor of English1972
B.S., Millsaps College; M.A., University of Virginia.
- Arnold, Frances, Instructor of Education1973
B.S., Auburn University; M.Ed., Auburn University.
- Baggett, Jannett, Instructor of Education1977
B.S., Valdosta State College; M.Ed., Auburn University at Montgomery.
- Baggiano, Anthony, Adjunct Instructor of Mathematics1976
B.S., Citadel; M.S., Texas A. and M.
- Bailey, Margaret, Adjunct Instructor of History1977
B.S., Lebanon Valley College; A.B., Huntingdon College; M.A., University of Alabama.
- Barfoot, James H., Instructor of Philosophy/English1976
B.A., University of South Alabama; M.A., Auburn University.
- Barganier, Barbara L, Instructor of Accounting1975
B.S., Troy State University; M.S., Auburn University; C.P.A. (Alabama).
- Barnett, Kathryn, Dean of School of Nursing
and Professor of Nursing1979
R.N., Parkland Memorial Hospital; B.S., George Peabody College; M.S., University of Colorado; Ph.D., North Texas State University.
- Baxley, Edwin C., Associate Professor of Marketing1976
B.B.A., Baylor University; M.B.A., Ph.D., Louisiana State University.
- Beale, Elizabeth W., S.E.R.R.C. Direction
Service Coordinator1972
B.A., University of Alabama; Secondary Teachers Certificate, University of Alabama; M.Ed., Georgia State University.
- Beck, Esther A., Assistant Professor of Psychology1974
A.A., Enterprise State Junior College; B.S., Troy State University; M.S., Ph.D., Auburn University.
- Becker, Robert C., Assistant Professor of Accounting1976
B.B.A., University of Minnesota; M.B.A., Auburn University.
- Bender, Robert C., Associate Professor of Education1973
B.S., Wayne State; M.Ed., Eastern Michigan University; Ed.D., University of Maine.
- Benis, Sanford, Adjunct Instructor of English1978
B.A., Ohio University; M.A., Columbia University.

- Berkey, Ina Lee, Consultant**1974
A.B., Newberry College.
- Berretta, Shirley, Associate Professor of Education**1978
B.S., Memphis State University, M. Ed., University of Mississippi, Ed.D.,
University of Southern Mississippi.
- Bigger, Chester H., Associate Professor of Management
and Head of Department**1971
B.S., B.A., University of Florida; M.B.A., Mississippi State University;
Ph.D., University of Alabama.
- Billingslea, Oliver L. F., Associate Professor of English**1970
B.A., University of Mississippi; M.A., Johns Hopkins University; Ph.D.,
University of Wisconsin.
- Black, Robert C., Adjunct Instructor of Management**1970
B.S., L.L.B., University of Alabama.
- Black, Suanne, Adjunct Instructor of Education**1978
B.S., Florida State University; M.S., Auburn University.
- Blackwell, Martha, Assistant Professor of Education**1973
B.A., Samford University; M.Ed., Ed.D., University of Alabama.
- Blanchard, Jo Ann, Adjunct Instructor of English**1979
B.A.A., University of Florida.
- Blanchard, Paul D., Adjunct Associate Professor
of Sciences**1977
A.B., University of Michigan; M.A., Southern Illinois University; Ph. D.,
University of Kentucky.
- Blaylock, Ruffin W., Criminal Justice Education Consultant** ..1976
A.B., University of North Carolina; Graduate Study, American University.
- Bogie, Donald W., Associate Professor of Sociology**1971
B.A., Georgetown College; M.A., Ph.D., University of Kentucky.
- Bordon, Amanda W., Assistant Professor of Speech**1978
B.S., M.A., University of Alabama; Ph.D., University of Illinois.
- Boyer, Joe L., Professor of Education and
Head of Department**1971
B.S., Tennessee A & I; M.S., University of Illinois; Ph.D., Ohio State
University.
- Boyles, Wiley, Dean of School of Sciences
and Professor of Psychology**1970
B.S., University of Chattanooga; Ph.D., University of Tennessee.
- Boyne, John J., Professor of Government, and
Director of Air University Graduate Program**1968
A.B., M.A., University of Alabama; Ph.D., University of North Carolina.
- Bozeman, James R., Adjunct Instructor of Mathematics**1975
B.A., Huntingdon College; M.Ed., Auburn University.
- Bressler, Ray B., Assistant Professor of Management**1975
B.B.A., University of Cincinnati; M.B.A., Indiana University; Ph.D.,
Georgia State University.
- Broadfoot, Martha Ann, Assistant Professor of Social Work**1974
B.S., Florence State University; M.S.W., Louisiana State University.
- Brooms, B. Mac, Adjunct Instructor of Sociology**1977
B.A., M.A., University of Alabama.

- Brown, Faye, Professor of Education and Director
of SERRC1970
B.S., Jacksonville State, M.S., Ed.D., University of Alabama.
- Brown, Lynda, Instructor of English1974
B.A., Southeastern State College; M.A., University of Maryland.
- Brown, Richard, Jr., Associate Professor of Education,
and Head of Department1974
B.S.E., Delta State University; M.Ed., Ed.D., University of Mississippi.
- Burnette, Albert, Consultant1973
B.S., University of Alabama.
- Butler, Johnny H., Adjunct Instructor of Business1975
B.S., Northeast Louisiana University; M.C.S., Computer Science, Texas
A&M University.
- Cain, Vernon, Assistant Professor, S.E.R.R.C.
Program Coordinator1977
B.S., M.Ed., West Georgia College; School Psych. Certificate, University of
Georgia; Ed.D., University of Alabama.
- Cairns, Eldon J., Professor of Biology and
Head of Department1970
B.A., M.A., University of California at Los Angeles; Ph.D., University of
Maryland.
- Caldwell, Washington D., Adjunct Instructor
of Accounting1974
B.S., Sacramento State College; M.B.A., Ohio State University.
- Callan, William J., Adjunct Assistant Professor of Biology1975
B.S. University of Arkansas; Ph.D., University of Georgia.
- Campbell, Barbara, Adjunct Instructor of Education1972
B.S., West Virginia Institute of Technology; M.A., West Virginia Univer-
sity.
- Campbell, Bill, Adjunct Assistant Professor1973
B.S., M.S., Troy State University; Ed.D., Auburn University.
- Campbell, Ken C., Associate Professor of Education
and Head of Department1970
B.S., Florida State University; M.A., Florida Atlantic University; Ed.D.,
University of Georgia.
- Carr, Veronica, Instructor of Education1976
B.S.E., Southwest Texas State University; M.A., University of Texas at
Austin.
- Cauley, Bilee K., Adjunct Instructor of English1977
B.A., Florida Presbyterian College; M.A., Auburn University.
- Chambless, Donald A., Associate Professor
of Mathematics1973
B.S., M.E., Auburn University; M.S., University of Tennessee; Ph.D.,
Tulane University.
- Chapman, Larry, Associate Professor of Education and
Director of Athletics1977
B.S., M.Ed., Auburn University.
- Chase, David, Adjunct Instructor of Archaeology1972
New York Military Academy; Attended University of Rochester.

- Childs, Wendell, Adjunct Assistant Professor of
Physical Sciences1975
B.S., Auburn University; M.S., Stevens Institute of Technology; Ph.D.,
University of Virginia.
- Clark, Moses, Adjunct Associate Professor of Mathematics ...1975
B.S., Alabama State University; M.S., Atlanta University; Ed.D., Rutgers
University.
- Clark, William D., Dean of School of Business
and Professor of Management1969
B.S., B.A., M.B.A., Ph.D., University of Arkansas.
- Clemons, Charles L., Jr., Consultant1973
B.L.A., Auburn University.
- Coleman, Toby F., Adjunct Assistant Professor1975
A.B., M.A., Ph.D., University of Alabama.
- Coley, Phillip, Assistant Professor of Art1972
B.F.A., M.F.A., University of Georgia.
- Consalvi, Conrad, Associate Professor of Psychology1976
B.A., Temple University; M.A., Ph.D., Vanderbilt University.
- Cooper, Melvin G., Adjunct Instructor of Government1971
J.D., University of Tennessee; M.A., West Virginia University; M.S., George
Washington University.
- Cooper, William E., Jr., Assistant Professor of Biology1976
B.A., University of Richmond; M.S., Ph.D., Kansas State University.
- Cornell, Richard A., Associate Professor of Speech1976
B.F.A., Ohio University; M.S., Vanderbilt University; Ph.D., Northwestern
University.
- Crabb, Cynthia Ann, SERRC Educational Programmer1978
B.S., M.A., University of Alabama.
- Crabtree, James F., Consultant1974
B.S., Alabama Christian College; M.Ed., Abilene Christian College; Ed.D.,
Auburn University.
- Crippen, Donald, Instructor of Education1974
B.S., Auburn University; M.S., Troy State University.
- Dekle, Barbara, Librarian II1971
B.A., Huntingdon College; M.L.S., University of Alabama.
- Dodd, Donald B., Professor of History1969
B.S., Florence State University; M.A., Auburn University; Ph.D., Univer-
sity of Georgia.
- Dunn, Mary E., Instructor of Economics1976
B.A., M.S., Auburn University.
- East, Jennifer, Assistant Professor of Education1976
B.S., Jacksonville State University; M.A., University of Alabama; Ed.D.,
University of Alabama.
- Elam, Freeman, Consultant1975
B.S., University of Montevallo.
- Elliott, Robert H., Assistant Professor of Government1976
B.A., M.A., Mississippi State University; Ph.D., University of Houston.
- Elrod, Joe Marlan, Associate Professor of Education1972
B.S., Nicholls State University; M.S., Ed.D., Louisiana State University.
- Fair, John Douglas, Associate Professor of History1971
B.A., Juniata College; M.A., Wake Forest University; Ph.D., Duke Univer-
sity.

- Faircloth, Betty, Adjunct Instructor of Speech1976
B.A., M.A., University of Alabama.
- Fowler, Sherrill, Adjunct Instructor of Biology1976
B.S., Troy State University; M.C.S., University of Mississippi.
- Fry, David A., Adjunct Instructor of Government1976
B.S., University of North Carolina; M.S.Ed., Southern Illinois University.
- Gaines, Elizabeth Blair, Instructor of English1978
B.A., College of William and Mary; M.A., Indiana University.
- Gaines, Robert A., Associate Professor of Speech & Theatre
and Head of Department1977
B.A., College of William and Mary; M.A., University of Maryland; Ph.D.,
Indiana University.
- Garner, William B., Adjunct Instructor of Science1975
B.S., Auburn University; M.P.A., Auburn University at Montgomery.
- Geiger, William, Assistant Professor and S.E.R.R.C.
Program Educational Psychologist1977
A.B., Marquette University; M.Ed., Ed.S., University of Florida; Ed.D.,
University of Alabama.
- Gerogiannis, Nicholas C., Instructor of English1976
B.A., M.A., San Francisco State University.
- Gibbons, Charlie, Instructor and Coach1977
B.A., M.Ed., Georgia Southern College.
- Gobrecht, William, Adjunct Assistant Professor of Criminal
Justice1976
B.S., J.D., University of Cincinnati.
- Golden, Charles W., Associate Professor of Management &
Marketing & Department Head1973
B.S., Mississippi State University; M.B.A., Memphis State University;
D.B.A., Mississippi State University.
- Golden, Mary E., Assistant Professor Accounting1973
B.B.A., M.B.A., Memphis State University; C.P.A. (Tennessee).
- Gordon, Bruce, Associate Professor of Education1971
B.S., M.S., State College of New York at Buffalo; Ed.D., University of
Georgia.
- Gordon, Theresa, Adjunct Instructor of Education1975
B.A., Tift College; M.M.Ed., University of Georgia.
- Grafton, Carl, Associate Professor of
Public Administration1975
B.S., University of Toledo; M.A., Ph.D., Purdue University.
- Graham, Theresa McWhorter, Associate Professor of Education 1972
B.S., Louisiana State University; M.A., Ed.S., University of Alabama.
- Gregory, Vickie, Librarian II1976
A.B., M.A., M.L.S., University of Alabama.
- Grinstein, Georges G., Assistant Professor of Mathematics ...1977
B.S., City College of New York; M.S., New York University; Ph.D.,
University of Rochester.
- Guy, Fred Stephen, Adjunct Instructor of Mathematics1975
B.S., M.Ed., Auburn University.
- Hall, Charlene Gordon, Adjunct Instructor of Sociology1977
B.S., M.A., Auburn University at Montgomery.

- Hamilton, John B., Jr., Associate Professor of Physical Science 1972
B.A., Bellarmine College; Ph.D., Case Western Reserve University.
- Hare, Ronald W., Adjunct Instructor of Mathematics 1975
B.S., Florida State University; M.S., Stanford University.
- Harrison, C. Barker, Associate Professor of Education 1975
B.S., Memphis State University; M.A., George Peabody College; Ed.D.,
University of Tennessee.
- Harrison, Danny E., Associate Professor of Sociology &
Head of Department 1972
B.A., Mississippi State University; M.C.E., Emory University; M.S., Ph.D.,
Mississippi State University.
- Harrison, Russell D., Adjunct Instructor of Sciences 1975
B.A., Brigham Young University; M.S. University of Southern California.
- Hattaway, John L., Consultant 1974
B.S., M.S., Troy State University.
- Hebert, Richard J., Assistant Professor of Medical Technology
and Physical Science 1976
B.S., Southern Louisiana; M.S., Ph.D. Louisiana State University; ASCP.
- Heise, Joyce E., Adjunct Instructor of English 1977
B.A., Stetson University; M.A., Florida State University.
- Hemphill, Kenneth T., Consultant 1970
B.C.E., Auburn University.
- Hester, Clyde L., Instructor of Physical Science 1977
B.S., Huntingdon College; M.A.T.S., University of Montevallo.
- Higgins, James M., Assistant Professor of Management 1976
B.B.A., Emory University; M.P.A., Ph.D., Georgia State University.
- Hill, Blanche B., Instructor of Physical Science 1976
B.S., M.Ed., Alabama State University.
- Hill, Joseph B., Associate Professor of Mathematics
and Head of Department 1969
B.A., M.A., Washington State University; Ph.D., Auburn University.
- Hill, Patricia N., Associate Professor of English
and Head of Department 1971
A.B., Spring Hill College; M.A., Ph.D., Auburn University.
- Holsenbeck, Daniel C., Associate Professor,
And Vice Chancellor for Development 1975
B.S., Auburn University; M.Ed., The Johns Hopkins University; Ph.D.,
Florida State University.
- Houser, Henry F., Assistant Professor of Management 1978
B.S., North Carolina State; M.S., University of Texas; M.S., University of
Missouri; Ph.D., St Louis University.
- Howard, Milo B., Jr., Research Lecturer in History 1969
B.A., M.A., Auburn University.
- Hudgins, Andrew L., Adjunct Instructor of English 1978
B.A., Huntingdon College; M.A., University of Alabama.
- Hyland, Arthur W., Instructor of Criminal Justice 1973
Graduate of Laws, Virginia College of Law; B.G.S., M.S.C.J., Auburn
University at Montgomery.
- Ingram, Jerry J., Associate Professor of Marketing 1970
B.S., M.A., University of Alabama; Ph.D., University of Arkansas.

- Jefferies, Kenneth, Assistant Professor of Accounting1979
B.S., Eastern Kentucky University; M.B.A., University of Connecticut;
C.P.A. (Kentucky).
- Jenkins, W.O., Professor of Psychology1976
B.A., Colgate University; Sc.M., Brown University; Ph.D., Yale University.
- Johns, Roger D., Adjunct Assistant Professor of Sociology ...1977
B.A., Centenary College, M.Div., Drew University, Ph.D., Duke University.
- Johnson, Raymond M., Associate Professor of Finance1970
B.S., M.B.A., University of Southern Mississippi; M.S., Ph.D., Oklahoma
State University.
- Jones, James O., Instructor of Management1971
B.S., Mississippi State University; M.B.A., University of Texas.
- Jones, Judith P., Assistant Professor of English1972
B.A., Hollins College; M.A., Ph.D., Auburn University.
- Katz, Judd A., Assistant Professor of Psychology1973
B.A., Arizona State University; Ed.D., University of Georgia.
- King, Roan, Adjunct (Speech and Hearing) Clinician1976
- Kirsch, Edward H., Adjunct Instructor of Business1975
B.A., Huntingdon; M.S., University of Alabama-Huntsville.
- Kirschenfeld, J.J., M.D., Adjunct Professor1974
B.S., Brooklyn College; M.D., New York University College of Medicine.
- Kline, John A., Adjunct Assistant Professor of Speech1977
B.S., Iowa State University; M.A., Ph.D., University of Iowa.
- Lacy, Allen Wayne, Associate Professor of Economics1976
B.S., M.S., Auburn University; Ph.D., Iowa State University.
- Lake, Robert C., Associate Professor of Accounting1971
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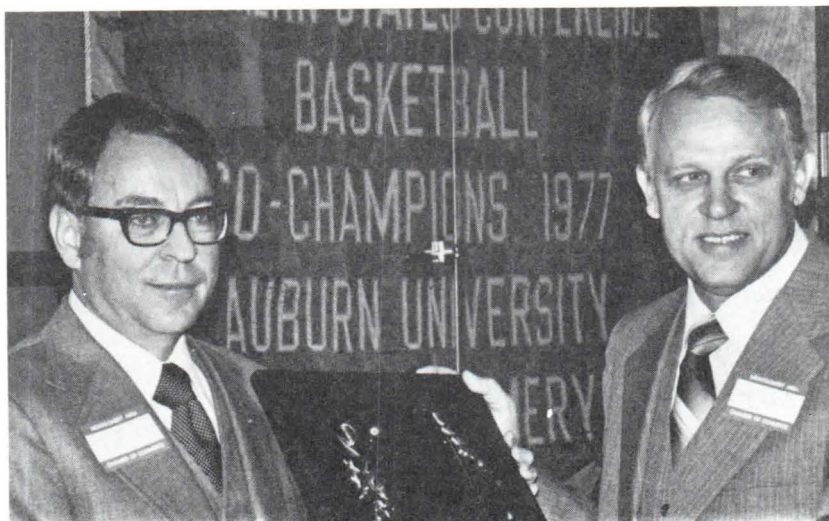
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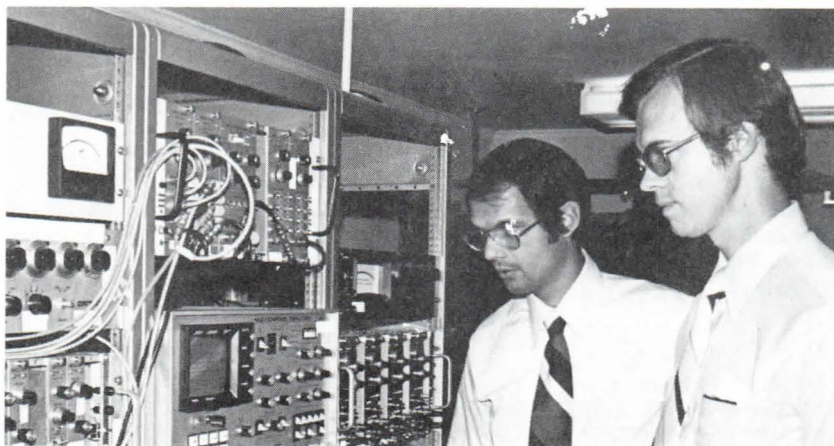
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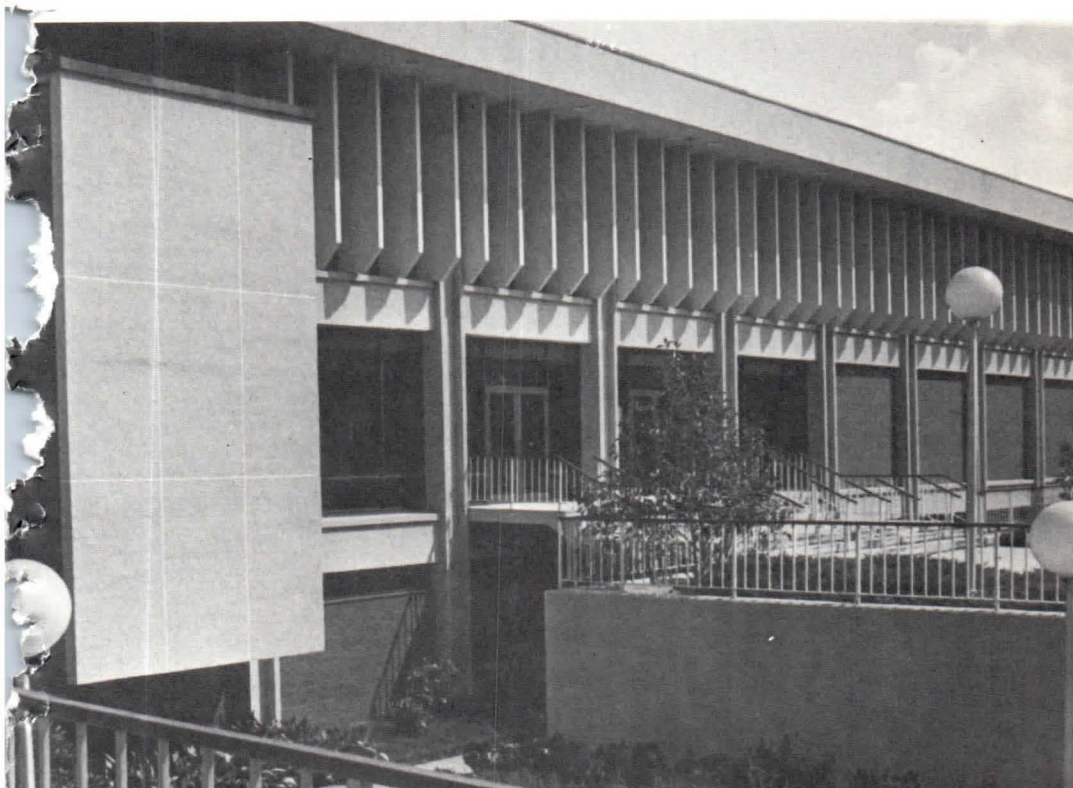
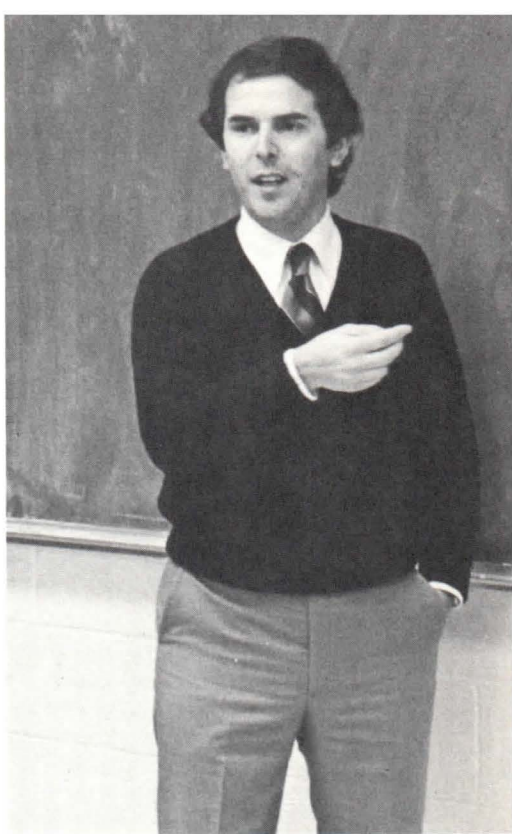
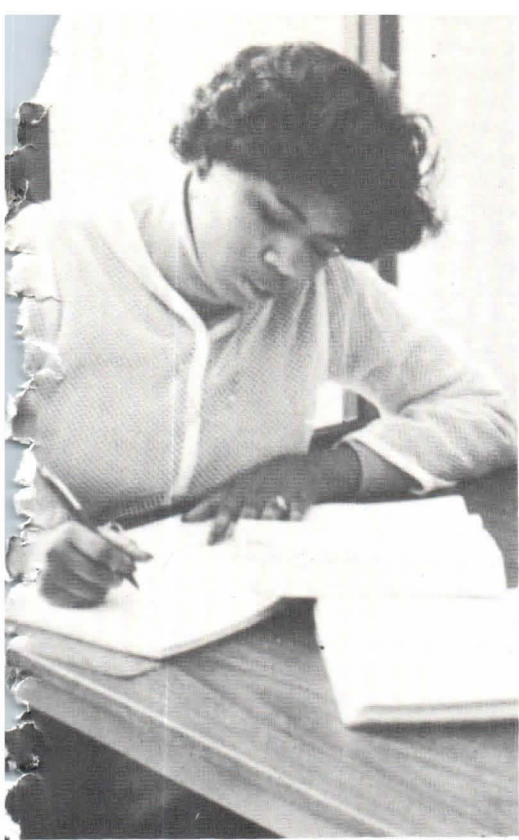
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