

Montgomery, Alabama

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# **CALENDAR 1975-76**

1975 SUMMER QUARTER
May 26, Monday Last Day for Completing Applications for Admission
June 9-10, Monday, Tuesday
June 11-12, Wednesday-Thursday Schedule Adjustments June 17, Tuesday Last Day for Registering or Adding Classes Prior to Second Class Meeting
June 25, Wednesday Last Day for Refunds July 4, Friday Independence Day Holiday July 14, Monday Classwork Ends for 5 Week Term Classes
July 15-16, Tuesday-Wednesday Final Examinations for
5 Week Term Classes July 30-31, Wednesday, Thursday Pre-Registration for Fall Quarter, 1 PM-7 PM
August 14, Thursday Classwork ends for 10 Week Quarter August 18-21, Monday-Thursday Final Examinations August 19, Tuesday Grades for Graduating Seniors Due in the Registrar's Office at 5PM
August 22, Friday Graduation, 7:30 PM August 25, Monday All Remaining grades Due in Registrar's Office at 5PM
GRADUATING STUDENTS ARE RESPONSIBLE FOR ARRANGING EARLY FINAL EXAMINATIONS WITH THEIR PROFESSORS.
1975 FALL QUARTER
September 8, Monday Last Day for Completing Applications For Admission
September 19, Friday
September 24, Wednesday
September 30, Tuesday Last Day for Registering or Adding Classes Prior to Second Class Meeting
October 8, Wednesday Last Day for Refunds November 19-20, Wednesday, Thursday Pre-Registration for Winter 1976 Quarter, 1PM-7PM
November 27-28, Thursday, Friday. Thanksgiving Holiday (No classes Nov. 26-School Offices open-one half day)

	December 4, Thursday
197	76 WINTER QUARTER
	December 29 (1975), Monday Last Day for Completing
	Applications for Admission
	January 5-6, Monday, Tuesday Final Registration January 7, Wednesday Classwork Begins January 7-8, Wednesday, Thursday Schedule Adjustments January 13, Tuesday Last Day for Registering or Adding Classes Prior to Second Class Meeting January 21, Wednesday Last Day for Refunds February 25-26, Wednesday Thursday Pre-Registration
	for Spring Quarter, 1 PM-7PM
	March 11, Thursday
	Registrar's Office at 5PM
	Registrar's Office at 5PM.  March 15-18, Monday-Thursday Final Examinations  March 19, Friday Graduation 7:30 PM  March 22, Monday All Remaining Grades Due in
	Registrar's Office at 5 PM GRADUATING STUDENTS ARE RESPONSIBLE FOR ARRANGING EARLY FINAL EXAMINATIONS WITH THEIR PROFESSORS.
10"	76 SPRING QUARTER
17/	
	March 8, Monday Last Day for Completing Applications For Admission
	March 22-23, Monday Tuesday Final Registration
	March 24, Wednesday Classwork Begins
	March 24-25, WedThurs Schedule Adjustments
	March 30, Tuesday Last Day for Registering or Adding
	Classes Prior to Second Class Meeting
	Classes Prior to Second Class Meeting April 7, Wednesday Last Day for Refunds
	May 12-13, Wednesday, Thursday Pre-Registration
	Man 27 Thomas and Table 1
	For Summer Quarter 1PM to 7PM May 27, Thursday Classwork Ends June 1, Tuesday Grades for Graduating Seniors Due in Registrar's Office at 5PM
	May 31-June 3, Monday, Thursday Final Examinations
	June 4, Friday
	June 7, Monday All Remaining Grades Due in
	Registrar's Office at 5 PM
	GRADUATING STUDENTS ARE RESPONSIBLE FOR ARRANGING EARLY FINAL EXAMINATIONS WITH THEIR PROFESSORS.

# **AUM** FINAL EXAM SCHEDULE

#### **SUMMER 1975**

AUG. 18 AUG. 19 AUG. 20 AUG. 21

8 — 11	1st Period	1st Period	2nd Period	2nd Period	8 — 11
A.M.	M-W	T-TH	M-W	T-TH	A.M.
1 — 4	3rd Period	3rd Period	4th Period	4th Period	1 — 4
P.M.	M-W	T-TH	M-W	T-TH	P.M.
6 — 9	5th Period	5th Period	6th Period	6th Period	6 — 9
P.M.	M-W	T-TH	M-W	T-TH	P.M.

# **FALL 1975**

1	-	0	0

DEC. 9 DEC. 10 DEC. 11

8 — 11	1st Period	1st Period	2nd Period	2nd Period	8 — 11
A.M.	M-W	T-TH	M-W	T-TH	A.M.
1 — 4	3rd Period	3rd Period	4th Period	4th Period	1 — 4
P.M.	M-W	T-TH	M-W	T-TH	P.M.
6 — 9	5th Period	5th Period	6th Period	6th Period	6 — 9
P.M.	M-W	T-TH	M-W	T-TH	P.M.

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

# **AUM** FINAL EXAM SCHEDULE

#### **WINTER 1976**

MAR. 15 MAR. 16 MAR. 17 MAR. 18

8 — 11	1st Period	1st Period	2nd Period	2nd Period	8 — 11
A.M.	M-W	T-TH	M-W	T-TH	A.M.
1 — 4	3rd Period M-W	3rd Period	4th Period	4th Period	1 — 4
P.M.		T-TH	M-W	T-TH	P.M.
6 — 9	5th Period	5th Period	6th Period	6th Period	6 — 9
P.M.	M-W	T-TH	M-W	T-TH	P.M.

#### SPRING 1976

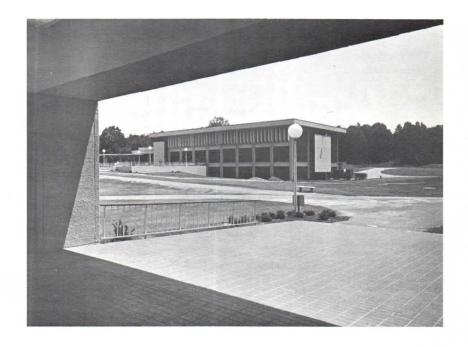
MAY 31 JUNE 1 JUNE 2 JUNE 3

8 — 11	1st Period	1st Period	2nd Period	2nd Period	8 — 11
A.M.	M-W	T-TH	M-W	T-TH	A.M.
1 — 4	3rd Period	3rd Period	4th Period	4th Period	1 — 4
P.M.	M-W	T-TH	M-W	T-TH	P.M.
6 — 9	5th Period	5th Period	6th Period	6th Period	6 — 9
P.M.	M-W	T-TH	M-W	T-TH	P.M.

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

# GRADUATE STUDY AREAS AND ACADEMIC ABBREVIATIONS

Business Administration	MBA
Criminal Justice	
Educational Administration	<b>MED</b>
Elementary Education	<b>MED</b>
Guidance and Counseling	
Public Administration	MPA
Secondary Education	<b>MED</b>



## **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 divisions, schools, and departments.

#### MEMBERS OF THE BOARD

	Wallace, Governor, President	Montgomery
LeRoy Brown, State Super (Ex-officio),	intendent of Education	Montgomery
Name	District	Home
	Term Expires 1975	
John Pace, III Henry Steagall Jack Tatum Frank P. Samford, Jr.	First Third Third Ninth <b>Term Expires 1979</b>	Mobile Ozark Opelika Birmingham
William Nichols Jesse Culp Walston Hester	Fourth Fifth Seventh Term Expires 1983	Sylacauga Albertville Russellville
R. C. Bamberg, Vice President Robert H. Harris Charles M. Smith, III	Sixth Eighth Second	Uniontown Decatur Montgomery

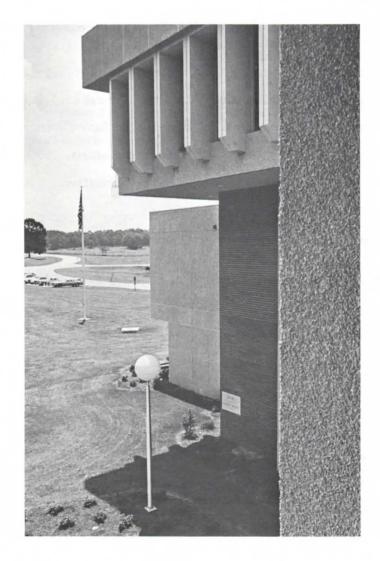
# ADMINISTRATIVE COUNCIL

Philpott, Harry M., President	1965
Funderburk, H. Hanly, Jr., Vice President B.S., M.S., Auburn University; Ph.D., Louisiana State University.	1968
Cook, William J., Jr., Assistant Vice President	
for Development	1969
Williams, James O., Assistant Vice President for Academic A	ffairs
and Assistant Dean, Graduate School	1969
Black, Diane C., Director, University Relations	1974
Boyles, Wiley R., Chairman, Division of Sciences B.S., University of Chattanooga; Ph.D., University of Tennessee.	1970
Boyne, John J., <i>Director, Air University Graduate Division</i> .  A.B., M.A., University of Alabama; Ph.D., University of North Carolina.	1968
Clark, William D., Chairman, Division of Business B.S., M.B.A., Ph.D., University of Arkansas.	1969
Daniel, Richard W., Director, Continuing Education  B.S., M.Ed., Ed.D., North Carolina State University.	1972
Dunlavy, Darold, <i>Director, Admissions</i>	1971
Maxson, Robert C., <i>Chairman</i> , <i>Division of Education</i> B.S., Arkansas A & M College; M.Ed., Florida Atlantic University; Ed.D., Mississippi State University.	1970
Nance, Guinevera A., Chairman, Division of Liberal Arts B.A., Texas Christian University; M.A., Ph.D., University of Virginia.	1971
Pastorett, Richard T., Director, Libraries	1969
Worthington, Jack E., Director, Finance	1969
b.s., Auburn University.	

# **ADVISORY BOARD**

Newton J. Bell, III Charles P. Brightwell James M. Folmar Robert S. Gaddis Dr. 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. Milton A. Wendland C. E. Weldon, Jr. Dr. John H. Winston, Jr. James Robinson, Ex-officio William Joseph, Ex-officio Charles M. Smith, III, Ex-officio

# GRADUATE COORDINATING COMMITTEE





# 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 educa-

tional 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. Approximately 250 students are enrolled in these programs during each academic year.

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, 1974, AUM had a total student enrollment of 3155. In addition to the students enrolled in credit courses, over 750 were enrolled in Continuing Education activities. The total enrollment figure represents an increase of 25% over the previous fall quarter, placing AUM among the fastest growing universities in the state.

AUM is organized into five academic divisions and one service or extension division. The academic divisions are Liberal Arts; Sciences; Education; Business; and the Air University Graduate Division. The Extension division is the Division of Continuing Education. The Division of Liberal Arts, Sciences, Education, and Business offer both undergraduate and graduate programs 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 three major buildings — two classroom buildings, the Library (first phase), and the Student Center (first phase).

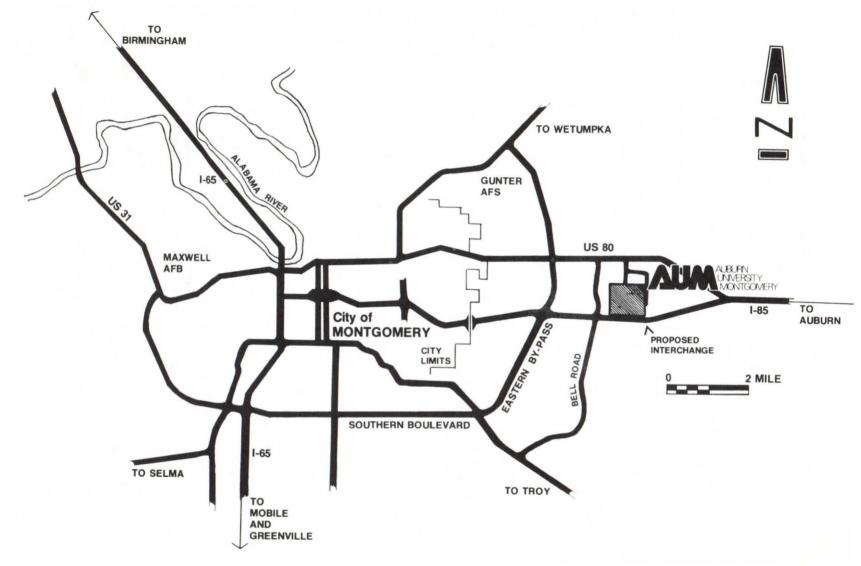
The Classroom Building contains approximately 100,000 square feet. The four academic divisions and the Division of Continuing Education are located here. Most of the University's instructional program takes place here.

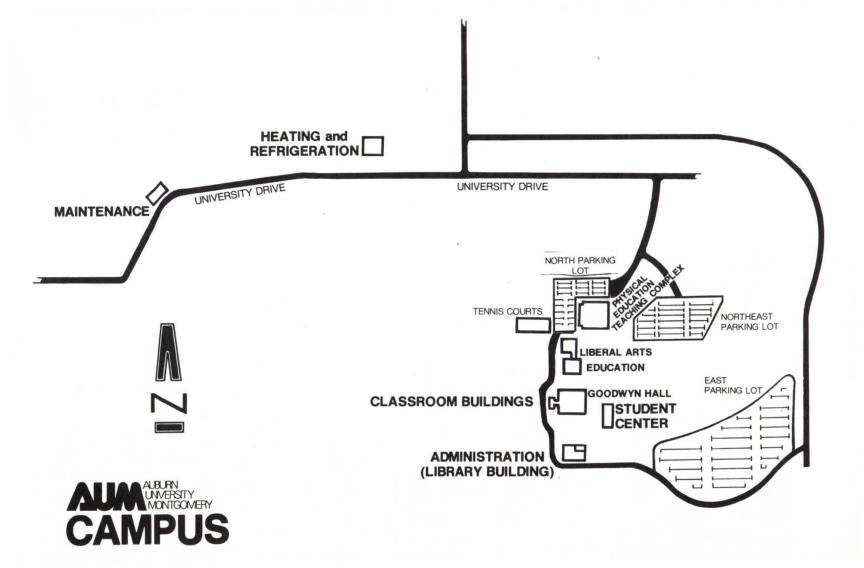
The Library Building contains some 50,000 square feet and houses both the Library and Administrative Offices. The ten-story tower portion will be added, it is hoped, within the next few years.

The Student Center contains a cafeteria/snackbar, a bookstore, a recreation room, student study and television lounges, and offices for student activities

By September, 1974, the first phase of a second Classroom Building containing some 50,000 square feet and housing the Division of Education was in use. The second phase housing Liberal Arts is scheduled for completion in September, 1975.

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





#### GENERAL INFORMATION

#### Scope of Graduate Programs

Auburn University at Montgomery currently offers five graduate degrees: (1) Master's Degree in Public Administration (MPA), (2) Master of Business Administration (MBA), (3) Master of Political Science (MPS), (4) Master of Education (M.Ed), Master of Science in Criminal Justice (MCJ).

The Master's Degree in Public Administration is offered through the Division of Sciences. The objective of the Public Administration Program is to provide those persons currently in public service, or those seeking to enter public service, with a broad education that will prepare them for general administrative positions at the municipal, state and national level.

The Master of Business Administration Program is administered through the Division of Business and is designed to prepare the student for administrative positions in business, government and other organizations. The program of study leading to the MBA degree consists of a prescribed pattern of graduate courses based on a common core of subjects which examines the functions of the executive and the environment of the administrator. Beyond this core, the student may choose to study in some depth any of a number of particular fields of business administration and economics.

The Division of Education offers graduate work leading to the Master of Education degree. Current graduate programs in education are designed primarily for elementary and secondary teachers, guidance counselors and school administrators.

The Master of Political Science is available only to students who desire to work toward a degree with broader disciplinary scope than Public Administration. Current courses emphasize the areas of comparative government and international relations as well as the behavioral sciences. This program is available by special arrangement with the Division of Sciences.

The Master of Science in Criminal Justice is offered in the Division of Sciences for students interested in professional careers in the criminal justice field. This program, similar in many respects to the Public Administration Program prepares personnel for leadership roles in the courts, corrections, and other criminal justice agencies.

#### **Admission Requirements**

Graduation with a Bachelor's degree or its equivalent from an accredited college or university is requisite for admission to the graduate program. The undergraduate preparation of every applicant for admission must satisfy the requirements of a screening committee in the division where the work will be completed.

Applicants for admission to one of the graduate degree programs offered by AUM must submit to the AUM Admissions Office a formal application, transcripts of all previous college-level work and scores on the aptitude portion of the Graduate Record Examination. When all relevant documents have been collected by the Admissions Office, the applicant's file will be transmitted to the division offering the program for which the prospective student has applied.

The Division will assign the applicant a screening committee composed of members of the faculty teaching graduate courses. This committee will meet to consider the qualifications of the applicant. Divisional screening committees will consider the applicant's undergraduate academic record and his scores on the Graduate Record Examination. When possible, the committee may request an interview with the applicant to further aid in the evaluation of the qualifications of the student.

The screening committees of all divisions are currently using a formula which weighs the undergraduate academic average and the Graduate Record Examination scores.

On the basis of the formula, and the other considerations enumerated above, the committee may recommend the admission of the applicant, the denial of admission, or it may recommend that validating work be done before a recommendation of admission or denial of admission is made by the committee.

If the screening committee determines that the applicant is likely to be successful, his application is approved and forwarded to the office of the Assistant Dean of the Graduate School, AUM. With the approval of the Assistant Dean, the applicant will be admitted to the graduate program.

Applications for admission to the graduate program should be received by the AUM Admissions Office three weeks prior to the beginning of the quarter in which the student expects to begin work. Official transcripts from all institutions previously attended must be forwarded from the appropriate registrar directly to the AUM Admissions Office.

#### Graduate Student Classifications

Classification 6: Full admission to graduate program for the purpose

of earning a Master's degree.

Classification 8: Provisional Admission; having an acceptable grade

point average pending receipt of satisfactory GRE scores. Credit earned in this classification can be applied to the Master's program if accepted fully by the beginning of the second quarter of coursework.

Classification 13: Holds Master's degree from approved institution.

Admission is for non-degree or certification pur-

poses.

#### **Graduation Requirements**

Each graduate program requires a minimum of 48 to 51 quarter hours of work in courses acceptable for graduate credit. All five programs — the MPA, the MBA, the MPS, the M.Ed and the MCJ are considered to be professional programs designed to provide the student the depth of knowledge, skills, theoretical insights and leadership necessary for responsible positions in

government, business or education. All graduate work taken to satisfy degree requirements may be completed on a full-time or part-time basis.

A foreign language is not required for completion of the Master's Degree. All programs currently offered are nonthesis programs but each requires acceptable performance on the appropriate comprehensive examination which is prepared by a committee in the academic division offering the degree. All programs have broadly defined requirements for admission regarding the undergraduate preparation of the student. These are included in the descriptions of each program. Also included are descriptions of the specific curricula for the programs.

Graduate courses available at AUM are of essentially two variations. First, there are courses numbered 600 or above which are open only to those students who have obtained graduate standing. Second, there are some 400 level courses which are open to upper division undergraduates or to graduate students. These courses are designated in the catalog and in the individual course schedule of offerings for each quarter. It can not be assumed that all 400 level courses are acceptable for graduate credit. In some cases, there are additional requirements for graduate level students in courses where there are enrolled both graduate and undergraduate students. Any graduate program must consist of courses at least 50% of which are numbered 600 or above. In most cases the student's individual program will exceed this requirement. All graduate level courses (those numbered 600 or above) have as prerequisite to enrollment either specific courses or graduate standing.

# Application for Graduation

It is the responsibility of each graduate student to secure an appointment with his advisor during the quarter preceeding the quarter in which graduation is anticipated. At this time there should be a clear understanding regarding any remaining coursework to be taken by the student. Arrangements should also be made at this time to schedule the comprehensive examination during the final quarter. An application for graduation must be initiated by the student, approved by the appropriate division chairman and forwarded to the Assistant Dean for Graduate Studies not later than the second week of the quarter in which graduation is anticipated.

Each student must also deposit a graduation fee with the Registrar's Office not later than the second week of the quarter in which graduation is anticipated.

#### Tuition and Fees

The fees and charges shown below 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.

#### Payment of Tuition and Fees

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 calendar of events.

#### 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 tuition on the same basis as other students (this does not apply to P.L. 815 or P.L. 894).

#### Basic Quarterly Charges

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

Full-time Students (10 hours or more)  Course Fee	175.00
Part-time Students (not exceeding	
9 hours per quarter)	
Course Fee Per Credit Hour\$	15.00
Registration and Student Fees	
Other Fees and Charges	
Late Registration Fee	5.00
Auditing Fee (Per Course)	35.00
Schedule Adjustment Fee\$	5.00
Graduation Fee\$	10.00
Transcript Fee\$	1.00

#### Financial Assistance

Financial assistance for graduate students is a constantly changing factor. Students interested in financial assistance should contact the Division Chairman in the appropriate division or the Director of Financial Aid.

#### Transfer of Credit

Graduate work taken in residence at an approved graduate school may be transferred to Auburn University at Montgomery. Such credit will not be accepted until the student has completed fifteen hours of work in the graduate program at Auburn University at Montgomery. Credit accepted after the required fifteen hours of work at AUM must be acceptable to the student's advisor and to the Division Chairman in the appropriate division. The work must, of course, be pertinent to the students plan of study. It is the student's responsibility to apply for such credit.

A student may transfer a maximum of three courses or ten quarter hours. Credit may not be allowed whenever the grade-point average on all graduate work taken elsewhere is less than 2.0 (B average) nor may transfer credit be used to improve the grade-point average on courses taken at Auburn University at Montgomery.

Under a special agreement between Auburn and the University of Ala-

bama, a student earning a Master's degree at either institution, may take up to one-half of his course work at the other institution. Courses taken under provisions of this agreement must be approved in advance by the appropriate Division Chairman.

## Part-time Study

Part-time students employed outside the University should keep in mind both the demands of graduate study and the demands of their outside employment when determining the course load to be carried in any given quarter. The student should consult with his employer and with his major advisor concerning his academic course load.

The master's degree program must provide association with resident faculty sufficient to permit individual evaluation of the candidate's capabilities and achievements. It will be the responsibility of the Assistant Graduate Dean to certify that students have met this requirement.

## Off-Campus Study

Graduate courses are offered at off-campus locations for students who do not have convenient access to the graduate program provided on-campus. These courses are offered those students who are pursuing advanced degrees, up-grading themselves in their profession, or who require advanced study in order to meet certification requirements.

These courses are administered through the Division of Continuing Education. Inquiries concerning the offering of off-campus courses should be directed to:

Division of Continuing Education Auburn University at Montgomery Montgomery, Alabama 36109 Telephone: 279-9110

# Correspondence Work

No credit toward the Master's degree will be allowed for work done by correspondence.

#### Course Load

Fifteen (15) quarter hours of work per quarter is the maximum course load to be carried by full-time graduate students. Because of the combinations possible for Division of Education students enrolled in four-hour courses they may take a maximum of sixteen (16) quarter hours. Graduate students must carry ten hours per quarter to be classified as full-time students.

#### **Grade Requirements**

Candidates for graduate degrees are required to maintain a grade point average of 2.0 (on a 3.0 scale) on all graduate work taken. A student is allowed to take no more than 15 hours in addition to his prescribed program in order to obtain this average. No grade below C will be accepted for graduate credit,

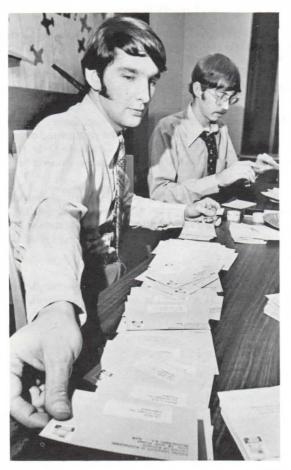
but grades on all courses carrying graduate credit will be used in determining the over-all average unless the courses are designated to be taken without graduate credit prior to registration for the courses. Any course carrying graduate credit in which a grade of "D" is earned must be repeated unless the course is specifically identified by the major professor prior to the student's registration as a course not to be used for degree credit.

When a student becomes deficient by 12 or more honor points, he will then be dropped from Graduate School. He may be readmitted only when his department is willing to certify to the Assistant Graduate Dean that the student through sufficient study or course work has demonstrated his qualifications for readmission.

Grades of "Incomplete" must be removed within a reasonable time following the assignment of the grade. Grades of "Incomplete" will be counted as "C" grades in determining eligibility for continuation in Graduate School. All grades of "Incomplete" must be removed before graduation.

#### Time Limit

All graduate work toward a Master's degree must be completed within a period of five calendar years. Time spent in active military service will not be counted in the application of this regulation.





# GRADUATE WORK IN THE DIVISION OF BUSINESS

The Master of Business Administration program in the Division of Business is designed to prepare the student for administrative positions in business, government, or other administrative organizations. The program of study prescribes a pattern of graduate courses based on a common core of subjects, which examines the functional areas of administration.

This program is open to graduates from any field who have demonstrated evidence of capability to undertake graduate study. Evidence considered includes undergraduate performance, scores on the Graduate Record Examination or admission test for a graduate studying business, professional experience, and recommendations from persons familiar with the applicant's capabilities. Persons who do not hold an undergraduate degree in business, as ordinarily defined, or who have not had all the following prerequisite courses must complete them before taking graduate level courses; a possible exception to this policy may be granted in exceptional cases by the Admission Committee, the Coordinator of Graduate Studies, or the Division Chairman.

## PREREQUISITE COURSES

Principles of Micro and Macro Economics Principles of Accounting (2 courses) College Algebra Statistics Principles of Marketing Business Law Principles of Business Finance Principles of Management

#### THE MBA PROGRAM

The program of study consists of a common core of eight courses (six five-hour courses and two three-hour courses) and 15 hours of study which may be selected with the consent of the Division Chairman from those courses acceptable for graduate credit, or for advanced undergraduate credit. The course requirements are as follows:

Course No.	Course Title	Qtr. Hr. Credit
MN 604	Managerial Decision Theory	5
EC 600	Macro Economic Analysis	3
EC 601	Micro Economic Analysis	3
ACF 610	Managerial Accounting	5
EC 674	Business and Economic Statistics	5
MT 615	Marketing Management	5
ACF 663	Advanced Corp. Finance	5
MN 606	Management Problems	5
Electives		15
		_
	Total	51

## **GRADUATE STUDY REQUIREMENTS**

Graduate students must meet all general requirements of the AUM Graduate School pertaining to the master's degree.

A grade average of at least B in all courses attempted in the student's graduate program is required for graduation. At least 75 per cent of the total program must be passed with a grade of at least a B. Any grade below C is considered a failure in meeting the course requirements for a graduate degree.

The normal load will be ten hours per quarter. Course loads in excess of ten hours must be approved by the Division Chairman. Students are expected to make appropriate arrangements with their employers to meet classes on time, avoid absences due to out-of-town travel, and provide sufficient time to do library work, as required. Exceptions to requirements may be made only with the approval of the Division Chairman.

The student must pass a comprehensive examination prior to the completion of his last course work. If the student fails the examination, he may retake it after six weeks have elapsed from the date of the first examination. The Comprehensive Examination may be taken no more than three times.

It is the responsibility of the student to notify the Division of Business of his expected graduation date one quarter prior to graduation. At this time the student will pay his \$10 graduation fee and fill out the diploma applications. Arrangements for the master's comprehensive examination will be made at the beginning of the quarter in which the student expects to graduate.

#### **ACCOUNTING & FINANCE (ACF)**

Courses for Advanced Undergraduates and Graduates

#### **Finance**

464. Investments (5). Pr., ACF 361, Junior Standing.

Individual investment policies, investment institutions and types of investments available.

Courses Primarily for Graduate Students

#### Accounting

610. Managerial Accounting (5). Pr., ACF 202.

(For non-accounting major.) Survey of structure of accounting; use of accounting data in making decisions.

611. Current Issues in Accounting (5). Pr., 15 hours in accounting.

A critical examination of the current issues in financial accounting and reporting and how the SEC, AICPA, AAA, and other authoritative accounting groups view these issues.

650. Accounting Seminar (1-5). Pr., Graduate Standing or consent of instructor.

A seminar for graduate students. Exact subject matter will be announced each time course is offered. May be repeated with a change in subject matter.

## 690. Special Problems (1-5).

Variable content in the accounting and finance areas.

#### Finance

# 663. Advanced Corporation Finance (5). Pr., ACF 361.

Intensive study of theory and problems of business finance from a decision-making, internal, problem-solving point of view.

#### **ECONOMICS (EC)**

#### Economics

- **452.** Comparative Economic Systems (5). Pr., Junior Standing.

  An analysis of the rival economic doctrines of Capitalism, Socialism, and Communism.
- **454. History of Economic Thought (5). Pr., Junior Standing.** The development of economic ideas, principles, and systems of analysis from early times to the present.
- **462. Monetary Theory and Policy (5). Pr., EC 360, Junior Standing.** Advanced monetary and banking policy. Attention given to government fiscal policies and programs.
- **465. Public Finance (5). Pr., Junior Standing.**A study of principles of taxation, government expenditures, fiscal policy in the American economy.
- **470.** Economics of Welfare (5). Pre., Junior Standing.

  Analysis of theory and reality in income redistribution in American society. (Includes social impact of public education, housing, child care and medical care for the poor, the middle class, and the privileged citizenry.)
- **495. Urban Economics (5). Pr., EC 202 and MH 161.** Economic theories and techniques of analyses are applied to urban problems.

#### Quantitative Methods

Quantitative Methods of Management (5). Pr., MH 267, Junior Standing.

Use of quantitative methods in managerial decision making.

Courses Primarily for Graduate Students

#### Economics

600. Macro Economic Analysis (3). Pr., EC 201, 202 and Graduate Standing or consent of instructor.

The presentation, analysis and application of theories of national income, wages, interest, investment and consumption. Includes fiscal and monetary policies of Federal government.

601. Micro Economic Analysis (3). Pr., EC 201, 202 and Graduate Standing or consent of instructor.

Theory of consumer and firm behavior as they affect supply and demand in the market place. Includes product and factor pricing within specific market structures.

 Business Research (5). Pr., EC 474 and Graduate Standing or consent of instructor.

The theory and practice of research through the mail survey, the personal interview, study of documents and observation. The analysis and presentation of research findings will be stressed.

620. The National Income and Capital Accumulation (5). Pr., EC 600, and Graduate Standing or consent of instructor.

Computation of the national income, the uses of income data, interest rates, saving and investment, the monetary and credit system.

650. Economics Seminar (1-5). Pr., Graduate Standing and consent of instructor.

A seminar for graduate students. Exact subject matter will be announced each time course is offered. May be repeated with a change in subject matter.

#### Quantitative Methods

674. Business and Economic Statistics (5). Pr., Graduate Standing.

Design of experiments, analysis of variance and co-variance, fitting of Gompertz and other growth curves, selected nonparametric statistical methods.

#### MANAGEMENT (MN)

Courses for Advanced Undergraduates and Graduates

#### Management

442. Personnel Management (5). Pr., MN 310, Junior Standing.

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

 Automatic Data Processing Systems (5). Pr., MN 207 or consent 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.

 Management Information Systems (5). Pr., MN 207, ACF 400 or ACF 301.

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.

#### Computer Simulation for Business Decisions (5). Pr., MN 330 and MN 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.

#### Courses Primarily for Graduate Students

#### 603. Organization Theory (5). Pr., Graduate Standing or consent of instructor.

A universally applicable study of organizations and their structure. Includes analysis of basic organizational factors as well as the function and goals of political, social and economic units. Emphasis on organizational development and patterns of relationships that are developed.

# 604. Managerial Decision Theory (5). Pr., Graduate Standing or consent of instructor.

An introduction to various approaches to decision making in organizations. Current concepts and research findings which provide a theoretical basis for understanding managerial decision making in the context of an information-decision system are discussed.

# 605. Human Relations in Business Organization (5). Pr., Grauate Standing or consent of instructor.

Study of human relations in individual and group interaction within the environment of business organizations. Emphasis on research literature in the field.

# 606. Management Problems (5). Pr., MN 480 or consent of instructor. Basic administrative problems in business and industry. Managerial controls as applied to administrative and operative functions.

# 607. Managerial Economics (5). Pr., EC 202, Graduate Standing or consent of instructor.

Decision theory and criteria for decision-making concerning output, pricing, capital budgeting, scale of operation, investment and inventory control. Attention is also given to concepts of profits, production and cost functions, competition and equilibrium for the firm hand the industry.

# 650. Management Seminar (1-5). Pr., Graduate Standing or consent of instructor.

A seminar for graduate students. Exact subject matter will be announced each time the course is offered. May be repeated with a change in subject matter.

#### 690. Special Problems (1-5).

Variable content in the management area.

#### MARKETING AND TRANSPORTATION (MT)

Courses for Advanced Undergraduates and Graduates.

## Marketing

- **434. Industrial Purchasing (5). Pr., MT 331, Junior Standing.** Objectives, control and the direction of industrial purchasing.
- 437. Sales Management (5). Pr., MT 331, MN 310, Junior Standing.

  Principles and practices of sound organization and administration of sales organization. Includes consideration of: sales department organization, selecting training, compensation, and supervising salesmen, sales planning, setting up sales territories and quotas and other problems.
- **441. Consumer and Market Behavior (5). Pr., MT 331.** A comprehensive analysis of the influence of cultural, social, and psychological factors upon the motivation and behavior of buyers.
- **478. Marketing Problems (5). Pr., MT 331, Junior Standing.**Marketing problems, policies, costs, channels of distribution, terminal markets, trade barriers and legislation.

#### Transportation

- **472. Economics of Transportation (5). Pr., EC 202, Junior Standing.**The development of systems of transportation. Rates are studied as they affect agriculture, commerce and industry. Attention is also given to government regulations of transportation agencies.
- **473.** Logistics Management (5). Pr., EC 472 or consent 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.

Courses Primarily for Graduate Students

#### Marketing

615. Marketing Management (5). Pr., Graduate Standing or consent of instructor.

Analysis of marketing research, product development, promotion, pricing, packaging, competition and forecasting as related to the decision making process.

641. Behavioral Research in Business (5). Pr., Graduate Standing, consent of instructor.

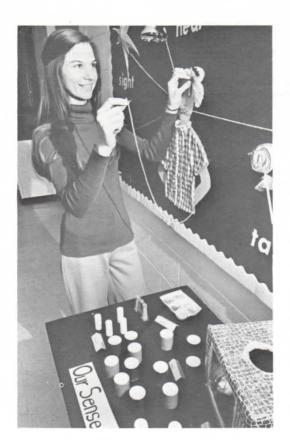
A study of problem definition, research design, hypotheses testing, theory construction, problem framework, and the development of methodology as applied to problems of understanding, controlling, and influencing group and individual behavior within marketing and other business organizations.

# 650. Marketing Seminar (1-5). Pr., Graduate Standing and permission of instructor.

A seminar for graduate students. Exact subject matter will be announced each time course is offered. May be repeated with a change in subject matter.

# 690. Special Problems (1-5).

Variable content in the marketing area.







# GRADUATE WORK IN THE DIVISION OF EDUCATION

The Master of Education degree is designed to prepare students in such a way that they are able to assume leadership positions in classroom teaching, curriculum development, administration and supervision or counseling. Admission to the program requires appropriate training and experience in the same or correlary area. Ordinarily, possession of or qualification for a teacher's certification is sufficient. In some instances (most notably in the area of Guidance and Counseling) when a prospective student has in mind clearly defined career objectives not requiring certification, admission is granted without the certification stipulation. Content of the program is based on the following assumptions:

- 1. The professionally trained elementary or secondary teacher who demonstrates leadership potential must have continuing and in-depth training to fully assume such leadership responsibility.
- 2. The instructional leader in the elementary or secondary school must possess knowledge and skills in the general areas of learning theory, human relations, evaluation of learning, curriculum development and evaluation, planning and decision theory, communication, teaching methods, research interpretation, and academic subject matter.
- 3. The types of educational programs and of educational personnel to be served in the Central Alabama area, composed of both urban and rural environs, are quite diverse. Students bring with them various backgrounds and diverse career objectives.
- 4. The skills and knowledge essential to the educational leader can best be facilitated by a three phase program consisting of foundations courses in education, an area of specialization within the educational field and supporting courses.

Every student who is pursuing the Master of Education degree must complete a minimum of 48 quarter hours of graduate work in a planned program which includes the following three areas: Foundations of Education, Area of Specialization, and Supporting Area. Specific courses in each area are determined by the Division of Education advisor based upon department requirements and the student's needs and goals.

#### Foundations Courses in Education:

Each student's program must include Foundations of Education courses from the following group:

FED 600: Education in Modern Society

FED 617: Advanced Educational Psychology

FED 647: Foundations in Curriculum and Teaching

FED 661: Research and Experimentation in Education

#### Areas of Specialization:

It is assumed that the student pursuing the Master of Education degree

will have a specific career objective in focus. The M.Ed. program is designed so that the student may pursue an area of specialization in elemetnary education, secondary curriculum and teaching, counseling or administration. These options may be exercised by pursuing one of the following programs:

# Elementary Education (EED)

EE EE	D 415. D 640. D 641. D 642.	Principles and Practices in the Teaching of Reading Current Theory and Practice in Teaching Reading Diagnostic Procedures in Reading Remediation Procedures in Reading	5 4 4
	D 652L.	Curriculum and Teaching in Language Arts	4
	D 652M. D 652SS.	Curriculum and Teaching Mathematics	
	D 65255.	Curriculum and Teaching Social Studies	
	D 496.	Curriculum and Teaching Science	4
	D 646.	Studies in Education	
	D 651	L,M,S,SS. — Research Studies in	J
		Area of Specialization	4
	A. Early C	hildhood Education (ECE)	
	ECE 413.	Learning Activities in Early Childhood Education	5
	ECE 417.	Guidance of Young Children	
	ECE 421.	Current Curriculum Trends in Early	
		Childhood Education	
	ECE 467.	Working with Parents of Young Children	5
	ECE 650.	Seminar — Problems in Early Childhood Education 3-1	0
	ECE 659.	Practicum in Early Childhood Education 3-1	0
	ECE 624.	Research in Early Childhood Education	4
	ECE 625.	Organization and Administration in	
	Other	Early Childhood Education	4
	Other appr	oved Early Childhood Education courses	
	B. Special	Education (SPE)	
	SPE 451A.	Workshop in Education	
		(Driver Education for Teachers of	
		Educable Mentally Retarded)	5
	SPE 459.	Practicum in Special Education	5
	SPE 477.	Co-op Program-Special Education,	
		VRS, and Vocational Education	5
	SPE 478.	Methods and Materials for Teaching	
	CDE	the Mentally Retarded Secondary	5
	SPE 479.	Methods and Materials for Teaching	_
	CDE 400	the Mentally Retarded	5
	SPE 480.	Education of Children with Special	_
	SPE 600.	Learning Disabilities	0
	SPE 601.	Advanced Study of Exceptionality	0
	JI L 001.	of Mental Retardation	5
	SPE 646.	Studies in Special Education	5

	SPE	651.	Research Studies in Education in Areas of Specialization
	SPE	652.	Curriculum and Teaching in Areas of Specialization
	SP	450.	Principles of Speech Correction 5
	SP	453.	Principles of Speech Correction
	C. R	Reading	
	EED	415.	Principles and Practices in
	EED	640	the Teaching of Reading
	EEL	640.	Current Theory and Practice
	EEF	641.	in Teaching Reading
		642.	Remediation Procedures in Reading
			ses as approved by advisor.
Sec	onda	ary Edu	cation (SED)
SEI	D 646	5.	Studies in Education 1-5
	D 650		Seminar
SEI	D 651	١.	Research in Education in
			Areas of Specialization
SEI	D 652	2.	Curriculum and Teaching in
			Areas of Specialization
SEI	D 654	1.	Evaluation of Program in
			Areas of Specialization

In addition to the above, each secondary education student must also take a minimum of twenty-five (25) graduate hours of work in the appropriate teaching field as well as the hours required in foundations courses.

#### Guidance and Counseling (CED)

The area of guidance and counseling contains two basic options with a great deal of flexibility allowed within each option. The skills and approaches learned in an effective guidance and counseling program can be of substantial benefit in a variety of professional situations. Consequently, AUM attempts to provide training for those students who wish to engage in school related counseling and for those students who wish to engage in non-school related counseling.

Those individuals intending to function in a school situation must have or qualify for certification as a teacher. It is also highly recommended that they have some experience as a teacher. While a student may complete the M.Ed. without teaching experience, they may not receive certification from the state as a school counselor until they have completed two years of successful teaching.

Those individuals intending to function in a non-school setting must have some prior experience in dealing with people. We seek some minimal indication that interpersonal relations are an area of interest and expertise for the prospective student.

Because of the many diverse potential counseling situations available to the graduate of this program, a great deal of flexibility in coursework is permissible. Students should consult the Guidance and Counseling Coordinator in the planning of a specific program to meet their unique needs.

	(Required)
CED 621.	Prin. of Guid. & St. Per. Wek 4
CED 628.	Coun. Th. & Prac. I
CED 633.	Analysis of Indiv 4
CED 630.	Group Dyn. in Coun
CED 659.	Practicum4
	(Elect at least one)
CED 632.	Org. & Adm. of Guid. Ser
CED 627.	Problems in Guid
CED 629.	Coun. Th. & Prac. II
CED 625.	Vocational App
CED 638.	Info. Ser. in Guid
Administration	n and Supervision (AED)
AED 646.	Studies in Educational Administration 1-5
AED 670.	Fundamentals in Supervision 4
AED 681.	Organization and Administration of Public Education
AED 683.	The Leadership Role in
1122 003.	Educational Administration 4
AED 688.	Educational Finance and Business Administration
AED 691.	Educational Plant Planning
AED 692.	Constitutional, Statutory and
AED 693.	Judicial Foundations of Education       4         Personnel Administration       4

#### SUPPORTING COURSES

Each student's program must include graduate courses in the Support Area. In most cases these courses will come from outside the Division of Education. Such courses must be approved by the advisor and the Division Chairman before becoming a part of the student's approved program. Secondary education students must take a minimum of 25 graduate quarter hours in the teaching field.

# EDUCATION — GENERAL (EDN)

Courses Accepted for Graduate Or Advanced Undergraduate Credit

- Workshop in Education (1-10). Content to be determined for special workshops.
- Practicum in Education (5). Independent directed study or field experience to be determined.

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.

#### FOUNDATIONS OF EDUCATION (FED)

Courses Accepted For Graduate Credit Only

- 600. Education in Modern Society (5). Pr., Graduate Standing. Analysis and interpretation of the interaction of historical, philosophical, and sociological considerations affecting education in modern society.
- **617.** Advanced Educational Psychology (5). Pr., Graduate Standing.

  In-depth analyses of the psychological bases of learning. Particular emphases are the development and modification of cognitive and affective behavior.
- 647. Foundations in Curriculum and Teaching (5). Pr., Graduate Standing. The development of curriculum patterns and teaching materials is reviewed in terms of recent investigations and experimentation; conflicting conceptions of the nature of the curriculum and the sociological, philosophical and psychological implications of these conflicts; methods of curricular reorganization in the elementary and secondary schools.
- Research and Experimentation in Education (5). Pr., Graduate Standing.

Emphasis given to research methods, design of experiments, and evaluation; data sources, research planning, elements of scientific method and proposal writing. Current trends in educational research.

#### ADMINISTRATION AND SUPERVISION (AED)

**NOTE:** The Alabama State Department of Education requires applicants for the Superintendent-Principal Certificate to submit proof of 3 years' successful experience as a teacher or school administrator within five years immediately preceding the date the certificate is to bear.

Courses Accepted For Graduate Credit Only

- **646. Studies in Education (1-5). Pr., Division Approval.**Study of a special problem in administration, supervision, guidance or higher education using research techniques.
- 650. Seminar in Area of Specialization (1-10). Pr., Division Approval.

  Advanced graduate students and professors pursue cooperatively selected concepts and theoretical formulations.
- 670. Fundamentals of Supervision (5). Pr., Division Approval.

  Study of the supervisory process including such topics as the theoretical framework in which supervision takes place; the purpose, functions and processes of supervision; supervisory tasks and skills; and the methods of evaluating supervision.

671. Advanced Educational Supervision. (5). Pr., Division Approval.

The course will employ an issue-analysis approach to problems currently facing the public schools in general and supervision in particular. Concepts, trends, practices, innovations and theories of supervision will be examined in terms of insights gained from the behavioral sciences (psychology, sociology, social psychology, anthropology) political sciences and the humanities.

681. Organization and Administration of Public Education (5). Pr., Division Approval.

An introductory course designed for superintendents, principals, teachers and other educational leaders. Topics covered include: purposes of organization and administration; organization and administration on federal, state and local levels; financial support and accounting; operation of plant; school-community interaction, and personnel administration.

682. The School Principalship. (5). Pr., Division Approval.

The purpose of this course is to assist the prospective principal in acquiring the technical, human, and conceptual skills necessary to function as a local school administrator. Emphasis is placed on the task areas of educational administration such as organization and structure, instructional program development, staff personnel, student personnel, community relations, physical facilities, and finance and business management.

683. The Leadership Role in Educational Administration (5). Pr., Division Approval.

A study of current theories, concepts and principles of leadership and their application to education. Further emphasis is placed on the responsibility of the educational administrator for leadership in the school and community, responsibility for leadership in the continuous improvement of staff competence and principles and evaluation of effective leadership.

688. School Finance and Business Administration (5). Pr., Division Approval.

Relationships between educational finance, educational program, tax structures, foundation programs and internal accounting. Theories of public finance and economic principles relating to financial support of educational systems at the local, state and federal levels.

691. Educational Plant Planning (5). Pr., Division Approval.

Development of educational plants; relationships between curriculum and plant; trends in plant design; analysis of physical conditions, relationships of professional and lay personnel in educational plant planning.

692. Constitutional, Statutory and Judicial Foundations of Education (5). Pr., Division Approval.

The constitutional and statutory provisions for education and an analysis of judicial decisions affecting education. Among topics are authority and responsibility of the teacher; rights, privileges and responsibilities of students; use of school property, taxation; curriculum,

contracts and retirement provisions; contractual capacity and liability and transportation.

693. Personnel Administration (5). Pr., Division Approval.

Assists educational leaders with effective personnel administration and the quality of education. Research results and experimentation in morale, welfare, work loads, pupil accounting, and bases for salary determination as they relate to staff and pupil personnel.

#### COUNSELOR EDUCATION (CED)

Courses Accepted For Graduate Credit Only

621. Principles of Guidance and Student Personnel Work (5). Pr., Division Approval.

Basic course enabling students to develop a conceptual framework for viewing the interrelationship of guidance and counseling in terms of (1) personal and social factors and (2) their place in a comprehensive program of student personnel work.

627. Problems in Guidance (5). Pr., Division Approval.

Designed to develop competency in the application of coun

Designed to develop competency in the application of counseling theory and research findings, with special emphasis on educational problems.

Designed to present alternative theoretical strategies of counseling; integrate the concepts of individual analysis and the collection and dissemination of educational and occupational information with those of counseling; prepare the student for further study of the theoretical and practical aspects of counseling.

630. Group Dynamics in Counseling (5). Pr., Division Approval.

Studies in contemporary theories and analysis of concepts, models and pertinent research in group dynamics as it pertains to counseling.

633. Analysis of the Individual (5). Pr., Division Approval.

The purpose of this course is to assist teachers and other guidance personnel in acquiring knowledge, understanding and skill necessary to obtain records and appraise information about the pupil as an individual and as a member of a group. Attention is given to the use of standardized test data; however, primary emphasis is placed on other tools and techniques for securing and analyzing information about pupils and their use in counseling.

638. Information Services in Guidance and Counseling (5). Pr., Division Approval.

Designed to assist school counselors to develop an understanding of the individual appraisal service and its relationship to counseling; the educational and occupational information service and its relationship to counseling. Emphasis will be placed on the collection and use of information about and with students as well as on the techniques and resources available for implementing these services.

646. Studies in Education (1-5). Pr., Division Approval.

Independent study in an area within the field of Guidance and Counseling. Area to be selected in consultation with the Professor who will supervise this study.

659. Practicum in Area of Specialization. (Credit to be arranged.) Pr., Division Approval.

The practicum provides advanced graduate students with supervised experiences with emphasis on the application of concepts, principles, and skills acquired in previous course work.

#### EARLY CHILDHOOD EDUCATION (ECE)

Courses Accepted For Graduate Or Advanced Undergraduate Credit

413. Learning Activities in Early Childhood Education (5). Pr., FED 210, Junior Standing and departmental approval.

A study of school programs for nursery and kindergarten levels. Attention is given to learning activities, materials and equipment suitable for teaching at this level. Emphasis is given to appropriate methods for relating the various subject areas to the general educational development of the young child. Observation and participation are included.

417. Guidance of Young Children (5). Pr., FED 210, Junior Standing, and departmental approval.

Environmental factors affecting the development of young children in the home, community and school. Emphasis is given to principles and methods of guidance, enhancing the young 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.

421. Current Curriculum Trends in Early Childhood Education (5). Pr., FED 210, Junior Standing, and departmental approval. An investigation of developments, issues, and trends in early childhood education curriculum.

459. Practicum in Early Education (3-10). Pr., EED 413 or to be taken concurrently, and departmental approval.

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

 Working with Parents of Young Children (5). Pr., FED 210, Junior Standing.

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.

Courses Accepted For Graduate Credit Only

624. Research in Early Childhood Education (5). Pr., ECE 413, ECE 417, ECE 421, or advanced graduate work in Early Childhood Education. Review, analysis, and interpretation of research in areas of early childhood education. 625. Organization and Administration in Early Childhood Education (5). Pr., ECE 413, ECE 417, ECE 421, or advanced graduate work in Early Childhood Education.

Organizational and administrative theory and practice applicable to early childhood education at the classroom, building, system, state, and national level. Attention will be paid to supervision, personnel management, laws and regulations as applied to operating an early childhood program and working with adults in a professional leadership role in Early Childhood Education.

650. Seminar — Problems in Early Childhood Education (3-10). Pr., ECE 421 and two other courses in Early Childhood Education. May be repeated for credit not to exceed 10 hours.

Contemporary problems in early childhood education. Intensive study in areas of interest and need.

659. Practicum in Early Childhood Education (3-10). Pr., ECE 413, ECE 417, ECE 421, or advanced graduate work in Early Childhood Education. May be repeated for credit not to exceed 10 hours.

Integration of theory and practice which enables the student to test within the school environment appropriate teaching-learning and organizational programs.

#### **ELEMENTARY EDUCATION (EED)**

Courses Accepted for Graduate Or Advanced Undergraduate Credit

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

496. Music in the Elementary School (5). Pr., Division Approval.

To give the individual teacher a deeper insight into skills, techniques, and knowledge of music. Appropriate materials, adapted to social and musical interests of children are studied and evaluated.

Courses Accepted For Graduate Credit Only

640. Current Theory and Practice in the Teaching of Reading (4). Pr., Graduate Standing.

Principles of reading instruction within the settings of the areas of child development, learning theories, individual differences, the role of reading in the total school and community environment, and examination of current reading materials.

641. Diagnostic Procedures in Reading (4). Pr., Graduate Standing.

Administration, scoring, and interpretation of specific reading tests, diagnostic and achievement, to determine causes of reading disability. Formal and informal evaluation procedures for regular and remedial

classrooms. Screening tests for contributing factors to reading disability. Analysis of test information and the implication for correction of reading difficulties.

- 642. Remedial Procedures in Reading (5). Pr., Graduate Standing.

  Appropriate individual and group techniques for correcting deficiencies and practice in continuing evaluation or reading difficulties. Use of equipment and materials with children having reading problems.
- 646. Studies in Education (1-5). Pr., Division Approval.

  Study of a problem using research techniques. The problem will be selected in consultation with the professor who will supervise it. A problem should be selected which will contribute to the program of the student.
- 651. L, M, S, SS. (L) Language Arts, (M) Mathematics, (S) Science, and (SS) Social Science. Research Studies in Education in Areas of Specialization (5). Pr., Division Approval.

  Review, analysis and interpretation of available research with emphasis on designing new research to meet the changing needs of the school.
- 652. L, M. S, SS. (L) Language Arts, (M) Mathematics, (S) Science, and (SS) Social Science. Curriculum and Teaching in Areas in Specialization (5). Pr., Division Approval.

A critical study of teaching practices and reappraisal of selecting experiences and content for curriculum improvement.

#### SECONDARY EDUCATION (SED)

Courses Accepted For Graduate Credit Only

- 646. Studies in Education (1-5). Pr., Division Approval.

  Applies to one of the following areas of the secondary school program:

  (A) Art, (D) Foreign Languages, (L) English Language Arts, (M) Mathematics, (J) Music, (S) Science, (SS) Social Science, (SP) Speech Communication, and (N) Speech Pathology.
- 650. Seminar. (3-10). May be repeated for credit not to exceed 10 hours.
- 651. L, M, S, SS. Research Studies in Education in Areas of Specialization (5). Pr., Division Approval. Review, analysis, and interpretation of available research with emphasis on designing new research to meet the changing needs of the school.
- 652. L, M, S, SS. Curriculum and Teaching in Areas of Specialization (5). Pr., Division Approval.

  A critical study of teaching practices and reappraisal of selecting experiences and content for curriculum improvement.
- 654. Evaluation of Program in Areas of Specialization (5). Pr., Division Approval.
  Evaluation and investigation of teaching effectiveness with attention also given to the utilization of human and material resources and the

coordination of areas of specialization with the total school program and with other education programs of the community.

#### SPECIAL EDUCATION (SPE)

Courses Accepted for Undergraduate or Graduate Credit

- 451A. Workshop in Education (Driver Education for Teachers or Educable Mentally Retarded) (5).
- 459. Practicum in Special Education (5). Pr., Senior Standing or consent of instructor.
  Supervised field experiences in area of exceptionality.
- 477. Practices and Procedures in the Cooperative Program Special Education, Vocational Rehabilitation and Vocational Education (5). Pr., Senior Standing or approval of instructor.

  Overview of the various agencies concerned with the habilitation of the retarded and their roles in the education and training of the mentally retarded youth in the secondary schools.
- 478. Methods and Materials for the Educable Mentally Retarded Secondary Level (5). Pr., Senior Standing or approval of instructor. An analysis and evaluation of vocationally oriented teaching methods and materials appropriate for use in teaching the mentally retarded youth. Practice is provided in the development of materials and lab experiences are included.
- 479. Methods and Materials for Teaching the Mentally Retarded (5). Pr., ED 200, SPE 376, and SPE 377. 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.
- 480. Education of Children with Special Learning Disabilities (5)., Junior Standing.
  Existing theories and instructional programs for children with special

Existing theories and instructional programs for children with special learning disabilities. Administrative arrangements, classroom management, individual educational evaluation and programming are emphasized.

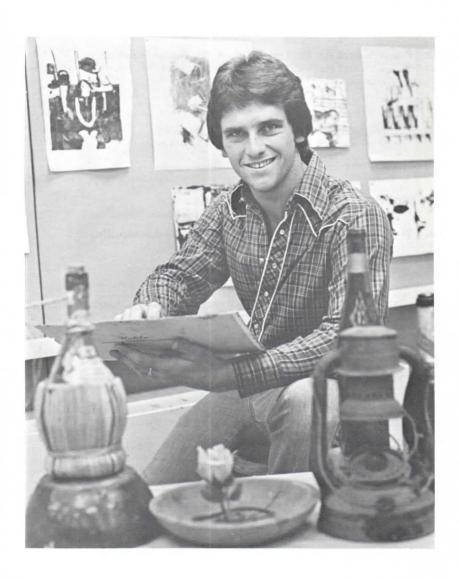
Courses Accepted for Graduate Credit Only

- **600. Advanced Study of Exceptionality (5). Division Approval.** An advanced study of the various types of exceptionability with an emphasis upon the educational and training implications of each.
- 601. Advanced Study of Educational Aspects of Mental Retardation (5). Pr., Division Approval. An advanced study of mental retardation as a special area of exceptionability with emphasis upon the education and training needs of the retarded.
- **646. Studies in Special Education (1-5). Pr., Division Approval.** Study of a special problem using research techniques.

- **651. Research Studies in Special Education (5). Pr., Division Approval.** Review, analysis and interpretation of available research in various areas of exceptionability.
- 652. Curriculum and Teaching in Special Education (5). Pr., Division Approval.
  A critical study of teaching practices and reappraisal of content for cur-

riculum improvement.





# GRADUATE WORK IN THE DIVISION OF LIBERAL ARTS

The Division of Liberal Arts offers a limited number of graduate courses in Art, English, History and Sociology, which at present are designed to support the Master's Degree Program in Education. Courses taught in the Division of Liberal Arts which are approved for graduate credit are as follows:

#### ART (AT)

442. Public School Art (5). Lec. 2, Lab. 8, Pr., Junior Standing. Materials and methods for the development of art activities in elementary and secondary schools.

#### **ENGLISH (EH)**

- **450. Contemporary Poetry (5). Pr., Junior Standing.** The chief modern poets of England and America.
- 451. Shakespeare I (5). Pr., Junior Standing.
  A study of the plays written before 1600, emphasizing comedies.
- 452. Shakespeare II (5). Pr., Junior Standing.
  A study of the plays written after 1600, stressing tragedies.
- **456.** The English Romantic Movement (5). Pr., Junior Standing. Romantic Poetry from Blake through Keats.
- 457. Victorian Poetry and Prose (5). Pr., Junior Standing. The major poets and non-fiction writers from 1830 to 1890.
- **459. Poetry and Prose of the English Renaissance (5). Pr., Junior Standing.** The nondramatic literature of the Tudor Period.
- 461. Development of the English Drama (5). Pr., Junior Standing. English Drama, exclusive of Shakespeare, from the beginning to 1642.
- **462. Eighteenth Century Literature (5). Pr., Junior Standing.** Poetry and prose from Dryden through Cowper.
- 463. Restoration and Eighteenth Century Drama (5). Pr., Junior Standing. A study of comedy and tragedy from Dryden through Sheridan.
- 481. British Novel I (5). Pr., Junior Standing. The development of fiction from the Greek Romances through the novels of the 18th century, with emphasis on the British novelists of the Eighteenth Century.
- **483. British Novel III (5). Pr., Junior Standing.**A study of the major British novelists of the Twentieth Century.
- 491. American Poetry (5). Pr., Junior Standing. Major American poets from the Colonial times to present.

- **492. American Drama (5). Pr., Junior Standing.**American dramatic and stage history from Colonial times to the present, with emphasis on developing tastes and techniques.
- **494. Major American Writers (5)., Junior Standing.** A study of a major figure, or figures, in American literature.
- **495. Southern Literature (5). Pr., Junior Standing.** Representative Southern writers from Colonial times to the present.
- **497. The Urban Novel (5). Pr., Junior Standing.**Focuses on novels which reflect the urban milieu and which treat themes significant to the complexities of urbanization and industrialization.
- 654. Studies in the Nineteenth Century English Novel (5).
  A study of the major Victorian novelists and of trends and developments in the English Novel during the Nineteenth Century.
- **662. Studies in Twentieth Century Literature (5).**Studies in the major figures and genres of Twentieth Century British and American Literature. The specific topic will be announced at each scheduling of the course.
- 671. Studies in American Literature (5).
  A study of the major American writers and genres. The specific focus will be announced at each scheduling of the course.

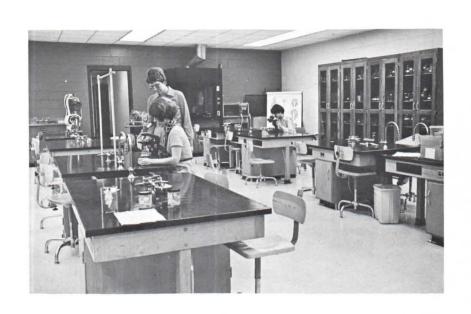
#### HISTORY (HY)

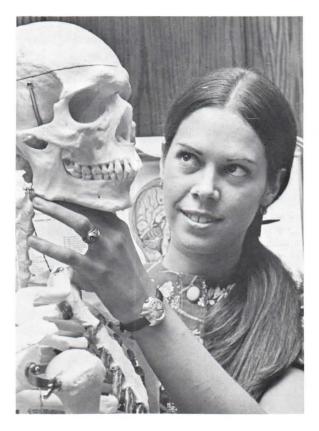
- **406. United States History, 1877-1914 (5).**A study of United States history during the period designated.
- 407. United States History, 1914 to present (5).
  A study of United States history during the period designated.
- **409. United States Diplomacy to 1890 (5). Pr., Junior Standing.** Study of the principal events in the United States and relationships with foreign powers from 1776 to 1890.
- **410. United States Diplomacy since 1890 (5). Pr., Junior Standing.** The emergence of the United States from hemispheric power to total involvement in world affairs.
- **413. The South to 1865 (5). Pr., Junior Standing and HY 201.** The study of the origins, growth, and distinctive social, economic, cultural, and ideological patterns of the South from 1607 to 1865.
- **414. The South since 1865 (5). Pr., Junior Standing and HY 202.** Study of the major trends in the South since the Civil War emphasizing the social, economic, and political developments from 1865 to the present.
- 419. Critical Issues in American History (5). Pr., Junior Standing or consent of instructor.
  A study in depth of the significant political, economic, and foreign con-

troversies which have influenced the development of the United States, 1607-1960's.

- **420. Critical Issues in European History (5). Pr., Junior Standing.** A study in depth of selected political, economic, and foreign controversies which have influenced the development of Europe from 1650 to the present.
- **429. French Revolution & Napoleon (5). Pr., Junior Standing.** Study of 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. 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 the United States, Europe, Latin America, and Far East.
- **447. Social and Intellectual History (5). Pr., Junior Standing.** A study of the major ideas and social movements in Europe since 1815.
- **450. History of China since 1911 (5). Pr., Junior Standing.** A detailed history of modern China since the fall of the Ch'ing dynasty with emphasis placed on the displacement of Republican China and the development of Chinese Communism.
- 452. Mexico and the Caribbean Area Since 1820 (5). Pr., Junior Standing. An in-depth study of Mexico and the Caribbean nations as to their political, social, economic, and intellectual development since 1820. Emphasis also will be placed on the diplomatic relationships with the United States.
- **457. History of the Soviet Union since 1917 (5). Pr., Junior Standing.** 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.

  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.
- 476. The Industrial Revolution (5). Pr., Junior Standing. A study of the development of industrialism in Europe and other parts of the world as a component of urban society.
- 477. Urban History of the United States (5). Pr., Junior Standing. A study of urbanization of the United States from the colonial period to the present.
- **480. Technology, Society and the Environment (5). Pr., Junior Standing.** A study of contemporary social, technological, and environmental problems in historical perspective.





## GRADUATE WORK IN THE DIVISION OF SCIENCES

#### GOVERNMENT

The primary goal of all the Graduate Programs in Government offered by Auburn University at Montgomery, is to meet a real demand for individuals possessing graduate education related to the broad areas of public service. Auburn University at Montgomery offers Master's Degrees in Public Administration and Political Science to accommodate to the needs of the broad sector. The Master's in Criminal Justice is a response to needs of a specialized area of public service closely related to those met by the Master's in Public Administration. Both degrees do, in fact, share some required coursework.

#### CRIMINAL JUSTICE PROGRAM

The Master of Science in Criminal Justice is designed to provide advanced preparation for persons in the public service who are interested in professional careers in the criminal justice system.

The program of study consists of a common core of six courses and 20 hours of study to constitute an area of concentration. In some instances, an internship may be required in addition to the 50 hours of coursework.

All candidates for the MSCJ degree must demonstrate competence through one of the following means:

- A. Written Comprehensive Examination to include:
  - (1) Organization theory and administrative behavior
  - (2) Criminal Justice: Structure and process
  - (3) Area of concentration within Criminal Justice
- B. Presentation of a Graduate Paper
  - Each student is required to prepare a graduate paper on an appropriate subject approved by his faculty advisor.
  - (2) Each student is required to make a formal presentation of this paper before an examining board of three faculty members. The board also questions the candidate at its discretion following the presentation.

#### CORE COURSES

Course No.	Title	
		Qtr. Hr. Cr.
PA 603	Government Organization and Administration	5
PA 638	Current Planning Issues	5

PA 680	Quantitative Methods in Administration	Public	5
GV 675	Seminar in Constitutiona	llaw	5
CI 631	Criminal Justice: Admini		5
CJ 632	Public Safety in Contemp		5
	Areas of Conc	entration	
	Law Enforcement Planning	ng and Management	
CJ 655	Trends in Police Admini	stration	5
CJ 656	Special Problems in Police Plus 10 hours of study w		5 5
	selected with the consen		10
	Correctional Adn	ninistration	
CI 642	Concepts of Correctional	Administration	5
CJ 643	Administration of Comm		5
	Plus 10 hours of study w selected with the consent	hich may be	_
	faculty advisor.		10
			_
		Total Required	50

#### CRIMINAL JUSTICE (CJ)

#### 622. 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.

#### 631. Criminal Justice: Administrative Issues (5).

Examines critical public policy issues relating to the administration of justice in terms of society's interest. Implications of interagency relationships at all levels of government.

#### 632. Public Safety in Contemporary America (5).

Focus on the impact of social change on the criminal justice process; community involvement in the control and prevention of crime in an urbanized society.

#### 642. Concepts of Correctional Administration (5).

Examines administrative organization and management practices in correctional agencies, including probation and parole. Reviews impact of legal and social change on correctional policy development.

#### 643. Administration of Community Based Correction (5).

Examines the process of planning community based correctional programs. Administrative and political consideration in seeking to introduce innovative correctional programs involving the community and criminal justice agencies are reviewed.

#### 655. Trends in Police Administration (5).

Reviews administrative structure, management practices, and opera-

tional aspects of enforcement agencies in the criminal justice system. Analysis and evaluation of innovative programs, and the impact of science and technology.

#### 656. Special Problems in Police Administration (5).

Examination of specific problem areas in the administration of laws enforcement agencies, providing an opportunity for comprehensive analysis and critique of the problem.

#### THE PUBLIC ADMINISTRATION PROGRAM

The objective of the Master's Degree in Public Administration (M.P.A.) is to provide those persons currently in public service, or those seeking to enter public service, with a broad education that will prepare them for general administrative positions at the municipal, state, or national level.

The MPA degree is awarded by the faculty upon the student's passing of the Master's Comprehensive Examination and upon completion of the academic program. The academic program ranges from 48 to 50 quarter hours, depending upon the background and experience of the individual student. Most students will be required to take 50 quarter hours. Students who have strong undergraduate backgrounds in political science, history, economics, business administration, sociology, or psychology, or who have had appropriate career experience closely related to such fields will be considered to have sufficient preparatory foundation for admission.

Based upon background preparation, each candidate will design an individual program in consultation with a faculty advisor. All candidates for the MPA degree must demonstrate competence in: 1) administrative theory and processes; 2) political environment and institutions; and 3) a program specialty.

#### COURSES IN THE M.P.A. PROGRAM OF STUDY (PA)

All M.P.A. courses require graduate standing or permission of the instructor for a student to enter. A limited number of 400 level courses are taught on the graduate level as well.

There are six required courses in the program of study:

### PA 601. Introduction to Public Administration (5).

Processes, functions, theories, practices and systems from the literature of public administration.

#### PA 603. Government Organization and Administration (5).

An in-depth analysis of the major ways of organizing on the federal level with a comparison with business organization procedures: the structure of organization; the formal and informal organizations and procedures which occur; the conflicts which erupt.

#### PA 604. Programming and Budgeting (5).

A review of the major concepts, issues and procedures in the programming and budgeting systems used on the federal level.

- PA 605. Public Personnel Administration (5). Pr., Graduate Standing.

  Analyzes the major areas in personnel administration: civil service, recruitment and testing, training, and employee evaluation.
- PA 606. Applied Research and Program Evaluation (5).

  The application of scientific research methods to administrative problems, including practical methods of gathering, analyzing, and interpreting data. Content will include theory and basic techniques underlying quantitative analysis of public programs.
- PA 607. Public Administration and Policy Formulation (3-5).

  The process of policy making both within an agency and within the larger context of the total governmental process, emphasizing policy and program planning, policy implementation and the value system of administrators.

In addition to the six required courses, the M.P.A. program of study offers the student a wide variety of elective courses from which to choose:

- GV 405. Environmental Problems (5). Pr., Junior Standing.
  Reviews current practice, 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.
- GV 430. Problems in Metropolitan Politics. (5). Pr., GV 102 and Junior Standing or Graduate Standing.

  Focuses upon selected problems of metropolitan areas and their possible resolution through public policy.
- GV 464. Recruiting, Selecting, and Evaluating Personnel (5). Pr., PG 461 and Junior Standing, or Graduate Standing.

  Application of psychological principles to recruiting, selecting, and evaluating personnel.
- PA 608. Seminar in Decision Making (5).
  A review of decision making techniques and procedures currently in use in public agencies.
- PA 611. Seminar in Problems in American Government (3-5).
  A systematic examination of functions, problems and issues within the political and constitutional framework of selected areas of American Government.
- PA 613. Seminar in State and Local Government (5).

  A systematic examination of functions, problems and issues within the political and constitutional framework of selected areas of state and local government.
- PA 614. Issues in Public Administration (5).

  Examination and analysis of various public programs of concern to the public administrator: housing, health, poverty, welfare, employment, urban renewal, and related political and social factors influencing policy formulation and implementation.

PA 616. Seminar in Intergovernmental Relations (5).

Selected areas of the intergovernmental systems are examined with emphasis on the practical operation of government in American Federalism.

PA 637. Planning Administration in Local Government (5).

The planning function in local governments; the legislative basis for planning — enabling legislation, police power, and eminent domain powers; the planning agency in the structure of municipal and county government. Planning theory and current views regarding the functions and characteristics of the urban general plan.

PA 638. Current Planning Issues (5).

Examination of topical issues in the fields of urban and regional planning.

PA 641. Public Employee Management for Labor Relations (5).

Seminar topics include collective bargaining and public employee unionism as well as topical problems of current interest.

PA 663. Administrative Law (5). Pr., GV 340 and Junior Standing, or Graduate Standing.

Analyzes the processes of administrative rule-making.

PA 681. Introduction to Health Care Administration (5).
Survey of the administrative issues involved in the delivery of health care services.

PA 682. Hospital Management and Process (5).

Examination of management practices in institutional health care.

PA 683. Case Studies in Health Care Administration.

In depth examination of contemporary problems in the delivery of health care.

PA 690. Special Problems in Public Administration (1-10).
Advanced research in specific areas of public administration (as arranged).

PA 691. Directed Readings in Political Science and Public Administration (1-10).

Credit to be arranged.

PA 695. Internship in Public Administration (1-5).

The Public Administration Internship was created to serve the needs of students in gaining a practical knowledge of some of the concepts and theories taught in class.

**Admission:** Admission to the internship program is dependent upon the following:

- approval by the screening committee of the prospective intern's qualifications and his proposed project;
- (2) the successful completion of the six mandatory courses in the M.P.A.

program: PA 601, Introduction to Public Administration; PA 603, Government Organization and Administration; PA 604, Planning, Programming, and Budgeting; PA 605, Public Personnel Administration; PA 606, Applied Research and Program Evaluation; PA 607, Public Administration and Policy Formulation.

(3) the placement of the student in an agency of government.

**Specific Requirements:** GV 695 is a 1-5 credit course. The determination of the amount of credit granted each prospective intern is a decision for the public administration faculty.

Each intern has the responsibility, in consultation with his advisor and major professor, of creating a research design for the project he will undertake during his internship.

All interns, as a course requirement, will prepare a paper linking selected concepts and theories with various problems and interactions found in their agencies. The public administration faculty will assign each intern a project advisor who will work with and supervise each intern's project. The intern's project advisor will have the major responsibility for evaluating the intern's performance and paper after the completion of the internship.

The public administration faculty will work with the prospective intern in placing him in an agency and in contacting agency officials for their evaluation of the intern's performance.

#### THE POLITICAL SCIENCE PROGRAM

The program of study consists of a common core of seven courses (5 fivequarter hour courses and 2 three-hour courses) and 20 hours of study which may be selected with the consent of the Division Chairman from those courses acceptable for graduate credit, or for advanced undergraduate credit. The course requirements are as follows:

Course No.	Course Title	Qtr. Hr. Cr.
PA 601	Introduction to Public Administration	5
PA 611	Sem. in American Government	5
PA 614	Issues in Public Administration	3
GV 645	Sem. in Comparative Government	5
GV 665	Sem. in Political Theory	5
GV 675	Sem. in Constitutional Law	5
GV 685	Sem. in International Organization	3
Electives		20
	Total	<u>20</u> 51

This program is available by special arrangement with the Division of Sciences.

#### COURSES SPECIFIC TO THE POLITICAL SCIENCE PROGRAM

#### GV 645. Seminar in Comparative Government (5).

The major institutions, functions, and problems of representative political systems. Includes the methodology and bibliography of comparative government politics.

GV 665. Seminar in Political Theory (5).

The problems of scope and methods of inquiry in the fields of political theory with intensive research in selecting topics.

- GV 675. Seminar in Constitutional Law (5).

  Selected areas of constitutional law with readings in depth in relevant cases and constitutional theory.
- GV 685. Seminar in International Organization (3).

  A systematic analysis of development, organization and functions of institutions for international peace, and their relevance to the resolution of conflict.

#### Other Graduate Work in the DIVISION of SCIENCES

In addition to the Master's Degree Programs in Public Administration and Political Science, the Division of Sciences offers a limited number of graduate courses in Mathematics and Psychology which are designed to support the Master's Degree Program in Education. Courses taught in the Division of Sciences which are approved for graduate credit are as follows:

#### BIOLOGY (BI)

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 in various organisms, with emphasis on the mechanics by which organisms achieve an orderly progression of changes during their life cycles.

- 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.
- **425. Pollution Ecology (5). Lec. 4, Lab. 4, Pr., consent of instructor.** Pollutant origins, actions, toxicities, methods of detection and removal and effects on populations of 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.
- **470. Microtechnique (5). Lec. 4, Lab. 4, Pr., departmental permission.** 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.

498. Independent Study (1-5; may be repeated for a maximum of 5 hours.)
Pr., Junior Standing and departmental permission.

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.

#### MATHEMATICS (MH)

423. Complex Analysis (5). Pr., MH 321.

Complex numbers, limits, differentiation, analytic functions. Integration, conformal mappings. Reimann surfaces.

447. Foundations of Plane Geometry (5). Pr., MH 163.

Axiomatic development of plane geometry. Emphasis is placed on development of proofs by students.

450. Topology (5). Pr., MH 321.

Metric spaces, continuity, sequences, equivalent metrics; topological spaces, continuity and homeomorphisms, products; connectedness; compactness.

460.-461. Numerical Analysis I, II (5-5). Pr., MH 265.

Polynomial approximation, numerical differentiation and integration, solutions of ordinary differential equations (initial value problems), error analysis.

#### PSYCHOLOGY (PG)

415. Introduction to Tests and Measurements (5). Pr., PG 212, Jr. Standing, MH 267.

Theory of measurement.

- **416. Test Construction and Administration (5). Pr., PG 415.** Techniques of group measurement.
- 430. Perception (5). Pr., Jr. Standing and PG 321, PG 322 or instructor's approval.

Theories of perception, emphasizing both general and individual factors that influence meaning.

**431. Social Psychology (5).** Theories and research in social behavior.

- **433. Personality (5). Pr., Jr. Standing and PG 322 or departmental approval.** Types of abnormal behavior and their social and biological origins.
- 440. Physiological Psychology (5). Pr., Jr. Standing and 20 hrs. of biological sciences, or departmental approval.
- 445. Animal Behavior (5). Pr., Jr. Standing and 20 hrs. of biological sciences, or departmental approval. (Same as BI 445).

Analysis of unlearned and learned animal behavior and its evolutionary development, integrating the contributions of ethological and behavioristic research.

- **449. Behavior Modification I (5).**The applications of the principles of learning to problems of individual behavior
- **450. Learning (5). Pr., Jr. Standing and PG 320 or departmental approval.** Theories of learning and their logical and empirical foundations.
- 451. Behavior Modification (5). Pr., Jr. Standing and PG 349 or instructor's approval.
  Elementary techniques.
- 452. Behavior Modification (5). Pr., Jr. Standing and PG 451 or instructor's approval. Intermediate techniques.
- 453. Behavior Modification (5). Pr., Jr. Standing and PG 452 or instructor's approval. Advanced techniques.
- **461. Industrial Psychology (5). Pr., Jr. Standing.** The uses of psychology in business and industry.
- **462.** Training and Supervision of Industrial Personnel (5). Pr., Jr. Standing. Application of the principles of learning to the training of factory, office and sales employees.
- 670. Individual Testing (6). Lec. 2, Lab. 10, Pr. PG 415 and Departmental Approval.
  Supervised practice in the administration and interpretation of individual intelligence tests.

## AUBURN UNIVERSITY — AIR UNIVERSITY COOPERATIVE GRADUATE DEGREE PROGRAM

#### Auburn University — Air University Contract Program

In cooperation with Air University at Maxwell Air Force Base, Auburn University has offered since 1968 Master's degree programs in Political Science, Public Administration, Business Administration and Secondary Education. These classes meet at Maxwell AFB in facilities provided by the Air University.

#### **Admission Policy**

For admission to the Auburn program, Air War College and Air Command and Staff College students must have a bachelor's degree from a college or university accredited by the appropriate regional association, submit acceptable scores on Graduate Record Examination, the Aptitude Test, and must have at least a "B" average or the equivalent in their undergraduate work. Applicants with less than a "B" average or the equivalent in their undergraduate work may be admitted on probationary status pending completion of the first eight quarter hours of Auburn University course work with an average of "B" or better. Final acceptability of an applicant for admission will be determined by Auburn University at Montgomery.

**Time Limit.** Since this program is based on concurrent study in complementary curriculums, the student should normally complete his degree requirements during his AWC or ACSC assignment. Those AWC or ACSC graduates who have participated in the degree program to the extent of at least one-half of the required Auburn University at Montgomery course work while at AWC or ACSC, but who have not been able to complete all the requirements for the degree, will be allowed to complete the program at the Maxwell Center or on Campus at Auburn University at Montgomery any time within four years after their graduation from AWC or ACSC. Upon resuming work on the program, the student will pay the prevailing tuition rates. The entire degree program must be completed within a total time span of five (5) years.

#### Registration Information

Prior to arrival at AWC or ACSC students desiring to enroll in the Auburn University graduate program must:

- a. Complete an "Application for Admission" form. Mail this application to the Registrar's Office, Auburn University at Montgomery, Montgomery, Alabama 36109, no later than August 15, 1975.
- b. Request the college which awarded your baccalaureate degree to forward an official transcript of your record to the Registrar's Office, Auburn University at Montgomery, Montgomery, Alabama, 36109. If you have attended any other college or university, official transcripts must also be requested and submitted to the same address. (Your personal copies of transcripts are not acceptable.) Do not request

- that the transcript be sent to you, to the Air University, or the Auburn University Air University Center. Your application for admission will not be screened until all transcripts have been received.
- c. As stated above, applicants must also submit satisfactory scores on the Graduate Record Examination Aptitude Test. The test may be taken prior to arrival at Maxwell Air Force Base, but must be completed by the end of the first quarter in the graduate program. Arrangements to take the test must be made with the Educational Testing Service, 20 Nassau Street, Princeton, N. J., 08540, or 1947 Center Street, Berkeley, California, 94704.

Students who plan to enroll in the graduate program are not expected to report to AWC or ACSC ahead of the regular reporting date, but will remain at Maxwell until the middle of July in order to complete the fourth term and the Comprehensive Examination.

Information concerning the program may be obtained by writing to Director, Auburn University — Air University Graduate Program, Building 830, Maxwell AFB, Alabama, 36112 or by calling 264-2257 (area code 205) or AUTOVON Maxwell AFB.

#### THE DIVISION OF CONTINUING EDUCATION

Course announcements are made several weeks in advance of the registration date and are planned cooperatively by local education personnel, potential students, and Auburn University at Montgomery personnel. Information concerning specific courses and establishing a course may be obtained from the Division of Continuing Education.

#### OFF-CAMPUS GRADUATE PROGRAMS

Graduate-level courses off-campus are provided for those people interested in pursuing an advanced degree, up-grading themselves in their profession, or who need advanced study in order to meet certification requirements. Courses are offered during the fall, winter, spring and summer quarters at locations convenient to the student within the Auburn University at Montgomery service area.

#### Location of Classes

Graduate courses are available at selected locations throughout the area served by Auburn University at Montgomery. Announcements of course locations and dates are made in the general area where each course is to be conducted several weeks prior to its beginning date.

#### Schedule

During fall, winter, and spring terms courses usually meet once weekly. In the summer term some courses are adapted to a shorter period and meet daily Mondays through Fridays. Generally, courses will be planned to coincide with the regular campus schedule; however, the schedule is flexible enough to be adapted to the local situation.

Course announcements are made several weeks in advance of the registration date. Classes are scheduled on the basis of requests from potential students. Information concerning the scheduling of a class for a particular group or location may be obtained from the Division of Continuing Education.

#### **ENCORE**

Recognizing that more adults are entering or re-entering college, the Division of Continuing Education has created 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 seminars, counseling services, and other projects and services planned specifically for the adult student.

#### **GENERAL INFORMATION**

Graduate and Undergraduate Programs

Credit courses offered through the Division of Continuing Education are

generally subject to the same regulations as those conducted on-campus. Unless otherwise indicated, the information concerning graduate and undergraduate credit is the same for Continuing Education courses as courses offered on-campus.

Persons or groups interested in having a course offered should contact the Division for specific information.

## FACULTY APPROVED FOR GRADUATE TEACHING

Bender, Robert C.,  Assistant Professor, Division of Education B.S., Wayne State University; M.Ed., Eastern Michigan University; Ed.D., University of Maine.	1973
Bigger, Chester H., Associate Professor of Management B.S., University of Florida; M.B.A., Mississippi State University; Ph.D., University of Alabama.	1971
Billingslea, Oliver L. F., Assistant Professor of English B.A., University of Mississippi; M.A., Johns Hopkins University; Ph.D., University of Wisconsin.	1970
Blackwell, Martha, Assistant Professor of Education B.A., Samford University; M.Ed., Ed.D., University of Alabama.	1973
Bogie, Donald W., Assistant Professor of Sociology B.A., Georgetown College; M.A., Ph.D., University of Kentucky.	1971
Boyer, Joe L., Associate Professor of Education B.S., Tennessee A & I; M.S., University of Illinois; Ph.D., Ohio State University.	1971
Boyles, Wiley R., Associate Professor of Psychology B.S., University of Chattanooga; Ph.D., University of Tennessee.	1970
Boyne, John J., <i>Professor</i> ,  Air University Graduate Division	1968
Brown, Faye M., Director, SELRC, Education B.S., Jacksonville State University; M.A., Ed.D., University of Alabama.	1971
Brown, Richard W., Jr., Assistant Professor of Education	1974
Cairns, Eldon J., <i>Professor of Biology</i> B.A., University of California at Los Angeles; Ph.D., University of Maryland.	1970
Campbell, Ken C., Associate Professor of Education B.S., Florida State University; M.A., Florida Atlantic University; Ed.D., University of Georgia.	1970
Clark, William D., <i>Professor</i> , <i>Division of Business</i> B.S., M.B.A., Ph.D., University of Arkansas.	1969
Cook, William J., Jr.,  Associate Professor, Div of Liberal Arts, Assistant Vice  President for Development	1969

Dodd, Donald B.,
Associate Professor of History and Government 1969 B.S., Florence State University; M.A., Auburn University; Ph.D., University of Georgia.
Elrod, Joe Marlan, Assistant Professor of Education 1972 B.S., Nicholls State University; M.S., Ed.D., Louisiana State University.
Fair, John D., Assistant Professor of History
Golden, Charles W., Assistant Professor of Business 1973 B.S., Mississippi State University; M.B.A., Memphis State University; D.B.A., Mississippi State University.
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Clinic,	1973

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Mental Health Clinic,	1973
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