This bulletin is a supplement to the 1971-72 Catalog and updates information regarding Graduate School policies and programs. It does not include course titles and descriptions, or a listing of graduate faculty. This information may be obtained through the 1971-72 Catalog.

GRADUATE CATALOG SUPPLEMENT

Ypsilanti, Michigan 48197

Volume LXXII Number 4

June 1, 1972

Statement of Mailing Privileges

Published four times a year by Eastern Michigan University and entered as second class matter at the Post Office at Ypsilanti, Michigan.
DIRECTIONS FOR CORRESPONDENCE

Please address specific inquiries to the following offices:

Dean of Admissions and Financial Aids: 212 Pierce Hall 487-3060
Loans and grants-in-aid

Dean of Records and Teacher Certification: 5 Pierce Hall 487-4200
Certification requirements and transcripts

Dean of the College of Arts and Sciences 411 Pray-Harrold 487-4344
Dean of the College of Business 508 Pray-Harrold 487-4140
Dean of the College of Education 117 Boone 487-1414

Receivables and Billing Office: Briggs Hall 487-3335
University fees and financial aids

Director of Registration: Briggs Hall 487-2300
Registration of students for on-campus classes

Director of Field Services: 113 Sherzer 487-0407
In-service and correspondence courses; speakers for special occasions;
adult education; consultation services to schools

Director of On-Campus Housing: Basement-Dining 487-1300
Coordinator of Off-Campus Housing: Commons #1
Student living accommodations

Director of Placement: 420 W. Forest 487-0400
Teaching vacancies; registration of applicants for teaching, business and
industrial positions; opportunities for earning a portion of University expenses

Foreign Student Adviser: 103 Pierce Hall 487-3117
Information and counseling for foreign students

Graduate School Office
Location: Rooms 116, 122 and 134 Pierce Hall
Office Hours: 8:00 a.m. - 5:00 p.m. – Monday through Friday
(September - June)
Closed on Saturday
7:30 a.m. - 4:30 p.m. – Monday through Friday
(June - September)
Closed on Saturday

Telephone Numbers:
Dr. Omer Robbins, Jr. Associate Dean of the Graduate School 487-0042 487-0045
Dean of the Graduate School 487-3400 Assistant Dean of the Graduate School 487-0048
Graduate Admissions
Graduate Records
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THE INSTRUCTIONAL YEAR

The instructional year is divided into two semesters of fifteen weeks each, a spring session of seven and one-half weeks and a summer session which offers six- and seven and one-half week courses. In addition, workshops of one to three weeks duration are offered. Students who have satisfied admission requirements may enroll at the beginning of any semester or session.

GRADUATE SCHOOL CALENDAR

Fall Semester, 1972

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Last day for filing application for Admission</td>
<td>July 28, 1972</td>
</tr>
<tr>
<td>Registration by mail</td>
<td>June 26-July 28, 1972</td>
</tr>
<tr>
<td>Last official registration day</td>
<td>August 28, 1972</td>
</tr>
<tr>
<td>Classes begin</td>
<td>August 28, 1972</td>
</tr>
<tr>
<td>Last day for filing a Diploma Application</td>
<td>August 28, 1972</td>
</tr>
<tr>
<td>for December graduation</td>
<td></td>
</tr>
<tr>
<td>Last day for Program Adjustment</td>
<td>September 1, 1972</td>
</tr>
<tr>
<td>Labor Day Recess</td>
<td>September 4, 1972</td>
</tr>
<tr>
<td>Last day to drop a class without the approval of the dean of the graduate school</td>
<td>October 2, 1972</td>
</tr>
<tr>
<td>Thanksgiving Recess</td>
<td>November 22, 23, 24, 25, 1972</td>
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<tr>
<td>Final Examinations</td>
<td>December 11-16, 1972</td>
</tr>
<tr>
<td>Mid-year Commencement</td>
<td>December 10, 1972</td>
</tr>
<tr>
<td>First Semester Closes</td>
<td>December 16, 1972</td>
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Winter Semester, 1973

<table>
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<th>Event</th>
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<tr>
<td>Deadline for filing Application for Admission for winter semester</td>
<td>December 3, 1972</td>
</tr>
<tr>
<td>Registration Information</td>
<td>(consult winter class schedule)</td>
</tr>
<tr>
<td>Last day for filing a Diploma Application</td>
<td>December 28, 1972</td>
</tr>
<tr>
<td>for April graduation</td>
<td></td>
</tr>
<tr>
<td>Last official registration day</td>
<td>December 28, 1972</td>
</tr>
<tr>
<td>Classes begin</td>
<td>January 3, 1973</td>
</tr>
<tr>
<td>Last day to drop a class without the approval of the dean of the graduate school</td>
<td>February 7, 1973</td>
</tr>
<tr>
<td>Final Examinations</td>
<td>(consult winter class schedule)</td>
</tr>
<tr>
<td>Commencement</td>
<td>April 15, 1973</td>
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<td>Second Semester closes</td>
<td>April 19, 1973</td>
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Spring Session, 1973

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<td>Classes begin</td>
<td>April 30, 1973</td>
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<tr>
<td>Memorial Day</td>
<td>May 28, 1973</td>
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<td>Classes end</td>
<td>June 20, 1973</td>
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Summer Session, 1973

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<td>Classes begin</td>
<td>June 25, 1973</td>
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<td>Independence Day</td>
<td>July 4, 1973</td>
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<td>Six Week Session Ends</td>
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<td>Summer Session Ends</td>
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EASTERN MICHIGAN UNIVERSITY
Ypsilanti, Michigan 48197

GOVERNMENT OF THE UNIVERSITY

The 1963 constitution of the State of Michigan places Eastern Michigan University under a separate board consisting of eight members appointed by the Governor. It is known as the Board of Regents of Eastern Michigan University. Financial support for the University comes from tax monies paid by the people of Michigan and receipt of students tuition and fees.

BOARD OF REGENTS

<table>
<thead>
<tr>
<th>Residence</th>
<th>Name and Title</th>
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<tr>
<td>Monroe</td>
<td>Edward J. McCormick, Chairman and Presiding Officer</td>
</tr>
<tr>
<td>Wyandotte</td>
<td>Virginia Allen</td>
</tr>
<tr>
<td>Ann Arbor</td>
<td>Veda Anderson</td>
</tr>
<tr>
<td>Mt. Pleasant</td>
<td>Charles Anspach</td>
</tr>
<tr>
<td>Ypsilanti</td>
<td>Lawrence R. Husse</td>
</tr>
<tr>
<td>Ypsilanti</td>
<td>Richard N. Robb</td>
</tr>
<tr>
<td>Flint</td>
<td>Mildred Beatty Smith</td>
</tr>
<tr>
<td>Ypsilanti</td>
<td>George Stripp Smith</td>
</tr>
<tr>
<td>Ypsilanti</td>
<td>Gary D. Hawks, Secretary</td>
</tr>
<tr>
<td></td>
<td>Lewis E. Profit, Treasurer</td>
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</table>

EXECUTIVE OFFICERS

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<th>Name and Title</th>
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<tr>
<td>President</td>
</tr>
<tr>
<td>Harold E. Sponberg</td>
</tr>
<tr>
<td>Vice President for Instruction</td>
</tr>
<tr>
<td>Bruce K. Nelson</td>
</tr>
<tr>
<td>Vice President for Business and Finance</td>
</tr>
<tr>
<td>Lewis E. Profit</td>
</tr>
<tr>
<td>Vice President for Student Affairs</td>
</tr>
<tr>
<td>James Campbell</td>
</tr>
<tr>
<td>Executive Director, University Relations</td>
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<tr>
<td>Gary Hawks</td>
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ADMINISTRATIVE OFFICES

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<td>Dean, Graduate School</td>
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<tr>
<td>Omer Robbins, Jr.</td>
</tr>
<tr>
<td>Dean, College of Arts and Sciences</td>
</tr>
<tr>
<td>Donald Drummond</td>
</tr>
<tr>
<td>Dean, College of Business</td>
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<tr>
<td>Earl A. Roth</td>
</tr>
<tr>
<td>Dean, College of Education</td>
</tr>
<tr>
<td>Allen Myers</td>
</tr>
<tr>
<td>Dean, Admission and Financial Aids</td>
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<tr>
<td>Ralph F. Gilden</td>
</tr>
<tr>
<td>Dean, Records and Teacher Certification</td>
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<td>Everett L. Marshall</td>
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DEPARTMENT HEADS

College of Arts and Sciences

Art .............................................. Kingsley M. Calkins
Biology ......................................... Bert M. Johnson
Chemistry ...................................... Clark G. Spike
Economics ..................................... Young-iob Chung
English Language and Literature ........ Milton P. Foster
Foreign Languages and Literature ....... J. Henry Owens
Geography and Geology .................... Ross N. Pearson
History and Social Sciences ............. R. Neil McLarty
Mathematics .................................. Robert S. Pate
Music .......................................... James B. Hause
Physics and Astronomy ..................... James M. Barnes
Political Science ............................ James S. Magee
Psychology ................................... Samuel Karson
Sociology ..................................... Edward Green
Speech and Dramatic Arts ................ Thomas J. Murray

College of Business

Accounting and Finance ..................... William Kimball
Business Education ........................ Charles H. Duncan
General Business ........................... Roger Hawkins
Management ................................ Claude I. Shell
Marketing .................................... Robert J. Williams

College of Education

Curriculum and Instruction ................ W. Scott Westerman, Jr.
Educational Leadership ..................... Appointment Pending
Educational Psychology ..................... Wilbur A. Williams
Guidance and Counseling .................. John G. Pappas
Health, Physical Education and Recreation Patric L. Cavanaugh
Special Education and Occupational Therapy Frank Wawrzaszek
Divisions of:
  Educational Media
  Social Foundations

Applied Science Departments

Home Economics .............................. Anita L. Fielder
Industrial Education ...................... Raymond A. LaBounty
The University 9

GRADUATE COUNCIL MEMBERSHIP

1971 - 1972

Omer Robbins, Jr., Dean - Chairman

Dean's Appointees
Donald Fox, Educational Leadership (3)*
A. P. Marshall, Library (2)
Angelo A. Angelocci, Special Education (1)

Faculty Senate Representatives
Charles Fensch, Art (3)
Alice Bensen, English (2)
Peggy Steig, Physical Education (1)

College of Arts and Sciences Representatives
Hoover Jordan, English (3)
H. Roger King, History (2)
Richard Giles, Biology (1)
Timothy Lewis, (Student) (1)

College of Business Representatives
Lawrence Klatt, Management (3)
Claude I. Shell, Management (2)
Charles H. Duncan, Business Education (1)
Nicholas Wilkens, (Student) (1)

College of Education Representatives
Patric Cavanaugh, Health, Physical Education and Recreation (3)
Ranjit S. Bajwa, Curriculum and Instruction (2)
Herbert O. Tothill, Guidance and Counseling (1)
Ann Wolohan, (Student) (1)

Applied Science Departments Representatives
H. James Rokusek, Industrial Education (1)
David Otwell, (Student) (1)

*Numbers in parentheses refer to the length of term in years; terms end on September 30th.
Eastern Michigan University was founded by the State Legislature in 1849 to educate teachers for the public schools. Its major purpose was always broadly interpreted and gave special emphasis to instruction in the liberal arts, science and other areas vital to the background of well-qualified teachers.

The University’s continuous emphasis of the liberal arts, social and natural sciences, business and applied science was formally recognized by legislative action in 1956 and again in 1959 when Eastern was designated to be a multi-purpose university. Accredited undergraduate and graduate degree programs are offered by the College of Arts and Sciences, the College of Business, the College of Education and by the Applied Science Departments.

Graduate education was inaugurated at Eastern Michigan University in 1938 when programs were conducted in cooperation with the University of Michigan. In 1953 Eastern Michigan gained approval to offer its own graduate programs. Since that time over 9,000 graduate degrees have been granted.

Eastern Michigan University continues to establish new graduate programs whenever a demonstrated need exists. Currently the Graduate School offers thirty-four programs leading to a master’s degree. The University has also been cognizant of its educational responsibilities beyond the master’s degree. Specialist in Arts degree programs have been established in a number of areas to provide advanced graduate study for persons seeking professional careers in educational institutions.

Eastern Michigan University is located in Ypsilanti. Its location in the Detroit metropolitan area places it in one of the world’s great industrial centers.

Detroit Metropolitan Airport is fifteen miles from campus. Major east-west and north-south expressways provide easy access to the University from any point within Michigan and the midwest.

Students wishing to extend their social, cultural and recreational experiences beyond the campus will find extensive opportunities for doing so in Detroit—a forty-five minute drive from campus. The resources of the University of Michigan are only fifteen minutes away. Scenic lakes are also within easy driving distance.

The University provides all of the resources of a rapidly growing multi-purpose university. Faculty, staff, physical plant and related facilities are available to accommodate an enrollment of approximately 20,000 students. A highly professional faculty provides excellent classroom instruction. On-campus housing for almost 5,800 persons is provided in residence halls and in married student apartments.

The central campus of the University is located adjacent to the Huron River. The new west campus, a tract of 182 acres, provides modern facilities for athletics and physical education, physical plant and other service functions and fine living accommodations for married students.
The Graduate School administers all graduate education at Eastern Michigan University. The dean serves as the chief executive officer, assisted by an associate dean and an assistant dean. These administrators are charged with the responsibility for adherence to educational policies and standards and for the effective operation of the Graduate School.

The Graduate Council, with a membership of twenty-one persons, serves as a policy recommending body and engages in planning for the orderly development of graduate education.

**OBJECTIVES**

The Graduate School at Eastern Michigan University desires to encourage graduate education that upgrades professional competence by providing programs designed to train students for careers in areas such as teaching, school administration, counseling, business, etc.; that prepares individuals for more advanced academic work, particularly in the academic disciplines; that provides research opportunities such that the student becomes knowledgeable regarding research techniques, as well as participating actively; and that serves the unique needs of students by providing post-baccalaureate educational opportunities for individuals and groups at convenient geographic locations and providing opportunities for those of special needs.

Faculties within all colleges and departments continuously strive to meet the educational needs of graduate students. A variety of programs have been authorized and accredited, others are in the process of development while some await formal approval. Although formal graduate study programs have been established in many academic areas, there is sufficient flexibility in each program to enhance the professional goal of each individual student.
DEGREE PROGRAMS

The University offers graduate work leading to several types of degrees, i.e. Master of Arts, Master of Science and Specialist in Arts. Programs leading to these degrees are administered by the departments in the respective colleges. These programs are:

I. MASTER'S DEGREE

A. College of Arts and Sciences

Art Education
Biology
Chemistry
Chemistry Education
Economics
English
Fine Arts
French
General Science
Geography

B. College of Business

Business Administration
Business Education

C. College of Education

Curriculum (Secondary)
Educational Administration
Educational Psychology
Elementary Education
Guidance and Counseling
Junior High School Education

D. Applied Science Departments

Home Economics
Industrial Education

II. SPECIALIST'S DEGREE

Educational Administration
Guidance and Counseling
School Psychology
Special Education
ADMISSION

Prior to taking graduate classes one must be admitted to the Graduate School. These policies govern this process.

General Requirements

Admission to the Graduate School of Eastern Michigan University is open to anyone who:

- holds a bachelor's degree from an accredited college or university,
- indicates promise of success in graduate study.

It may be necessary for an applicant for degree admission to meet additional requirements established by departments offering graduate programs in specialized areas. These requirements often include admission tests, valid teaching certificates, letters of recommendation and/or personal interviews and grade point averages above the minimum established by the Graduate School.

A student applying for graduate admission for the first time at Eastern Michigan University must:

- complete an Application for Admission form,
- submit official transcripts of undergraduate and graduate credits earned at other institutions, and
- present official scores in any standardized test, if required in a degree program.

This information must be submitted to the Graduate School Office no later than thirty days prior to the beginning of the semester or session in which enrollment is contemplated.

Admission to Graduate School

Students who seek admission to the Graduate School at Eastern Michigan University may be recommended for Degree Admission, Non-Degree Admission or Guest Admission.

Degree Admission: Admission to a degree program is available to an applicant who:

- meets the minimum entrance requirements of the Graduate School,
- meets any additional requirements of the program selected, and
- is recommended for admission by the Coordinator of Advising in the area of specialization selected.

Complete application papers must be received by the Graduate School Office no later than 30 days prior to the beginning of the semester or session in which enrollment is contemplated.
Non-Degree Admission: This type of admission is for an applicant who:

- wishes to qualify for a Provisional, Permanent or Continuing Teaching Certificate,
- does not seek or does not qualify for Degree Admission, or
- wishes to take graduate courses for self-improvement.

Complete application papers must be received by the Graduate School Office no later than 30 days prior to the beginning of the semester or session in which enrollment is contemplated.

Guest Admission: This admission status is for a graduate student who is pursuing a program of study at another institution and wishes to earn graduate credits at Eastern Michigan University to be transferred to the parent institution and is valid for only one enrollment period. A guest student can earn up to six credit hours, exclusive of Independent Studies. To earn credits beyond this limit requires that the student complete the general requirements of admission as provided in this catalog.

Complete application papers endorsed by the parent institution must be received by the Graduate School Office no later than 15 days prior to the beginning of the semester or session in which enrollment is contemplated.

Admission of Foreign Students

A number of foreign students are admitted to the Graduate School each year. For the Graduate School Office to process applications for admission, foreign students must:

- meet the minimum academic requirements for admission to the Graduate School (e.g. a bachelor's degree or its equivalent from an accredited institution),
- submit evidence of proficiency in the English language,
- present a statement of financial responsibility,
- provide two letters of recommendation from administrators or professors in the college or university from which the applicant holds a bachelor's degree, and
- submit official scores in a standardized test if required for admission to a degree program.

The Graduate School requires that all foreign students applying for admission and residing either in this country or abroad, demonstrate proficiency in the use of the English language. This may be done in one of two ways: taking the Test of English as a Foreign Language (TOEFL) or obtaining a certificate awarded by the English Language Institute of the University of Michigan. Further information on the former may be obtained from:
Test of English as a Foreign Language
Educational Testing Service
Princeton, New Jersey 08540

For information about the latter certificate, contact:

English Language Institute
University of Michigan
Ann Arbor, Michigan 48104

The scores received on the TOEFL test or the certificate awarded by the Institute must be submitted to the Graduate School Office before consideration can be given to the student’s application.

University Extension Students

Registration as a University extension student in classes offered through the Division of Field Services does not constitute admission to the Graduate School and/or a degree program; nor does it establish eligibility to register for on-campus classes.

Credits earned do not automatically apply toward satisfaction of a degree program, but are dependent upon admission to the Graduate School, the requirements of the program, recommendation by an adviser and the approval of the Graduate School.

GRADUATION REQUIREMENTS

Before receiving a diploma, certain procedures must be followed. (It is the student’s responsibility to see that all requirements are met.)

Petition for Candidacy

The student’s request for candidacy status provides the department with the opportunity to review academic performance and to determine whether or not that student should be permitted to continue in the degree program.

All Petitions for Candidacy to Degree must be approved by the department in which the student is pursuing graduate study. Petitions are approved when a student has met the specific requirements for candidacy and has demonstrated the competence to complete successfully more advanced study. The completion of twelve graduate credits in a degree program does not guarantee admission to candidacy.

A student is eligible to petition for candidacy in a degree program who:

- has completed twelve semester hours of graduate work on the program, with at least six hours of which are in courses taken at Eastern Michigan University,

- has a cumulative grade point average of 5.00 (B grade) in courses taken at this University,

- has met any special requirements for candidacy status established by the College and/or the Degree Program Area.
Application for Graduation

A candidate for graduation must submit a Diploma Application to the Graduate School Office at the time of registration for the semester or session in which he plans to complete requirements for a graduate degree. Failure to apply for graduation will result in a one semester delay in receiving the degree.

Diploma Applications must be received in the Graduate School Office not later than:
- September 1 for December graduation
- January 1 for April graduation
- June 1 for August and October graduation

A candidate for graduation who enrolls at another college or university for credit to be transferred to Eastern Michigan University and applied toward meeting degree requirements should anticipate a one semester delay in receiving the degree. To avoid this possibility, the applicant must submit an official transcript of such credit not later than one month prior to the closing date of the semester in which the degree is to be awarded. Grade reports and/or letters from instructors will not be accepted in lieu of official transcripts.

Grade Point Average Requirements for Graduation

No student will be recommended and approved for a master's degree unless he has achieved a grade point of 5.0 (B grade).

The specialist degree requires a 6.00 or B+ average for graduation. The grade point average requirement for graduation applies to:

- all graduate credit earned at Eastern Michigan University,
- all courses included in the graduate study program,
- all graduate credit included in the area of specialization.

Only the grades received in courses taken for graduate credit at Eastern Michigan University are used in computing a student's grade point average. Grades received in courses accepted as transfer credit are not included.

Students who do not meet minimum graduation requirements may be permitted to enroll in additional courses in the area of specialization subject to policies governing academic probation and dismissal.

Credit Requirements

The minimum credit requirement for a master's degree is thirty hours, while thirty-two hours beyond the master's is required for a specialist degree.

Residency Requirement

For a master's degree, at least six hours of graduate credit used on a degree program must be earned on campus at Ypsilanti. This requirement may also be met by enrollment in travel-study tours sponsored by Eastern Michigan University and at the facilities at Fish Lake.
For the specialist degree, at least 16 hours of credit must be earned on the
campus at Ypsilanti. It is also expected that one semester or two summer
sessions will be spent in full-time work on the campus.

Time Limitations

Graduate credit earned more than six years prior to the date in which the degree
is to be granted may not be applied to meet graduation requirements. It is possi­
ble, however, that out-of-date credit may be validated by examination, subject to
departmental and Graduate School approval.

GENERAL REGULATIONS

Once admission to the Graduate School has been granted, but prior to
graduation, various policies and procedures regulate the pathway to the
degree.

Advising

In an effort to provide guidance for a student granted admission to a
graduate degree program, a system of advising has been established. Upon
notification of admission to a degree program by the Graduate School Office,
the student is given the name, office address and telephone number of the
designated adviser. The advising program assists in the exploration of degree
requirements, evaluation of applications for admission to a degree program,
preparation of a plan of study, approval of program changes and the
evaluation of the student's progress when applying for admission to
candidacy for degree and when applying for a diploma.

Each prospective degree student is therefore encouraged to make use of
this service since a program of study is valid only when properly authorized
by a designated adviser, and conforms with the minimum requirements of the
Graduate School.

Non-degree students who are interested in completing a Provisional, Permanent
or Continuing Certificate should contact the Office of Records and Teacher Certi­
fication for specific requirements. Because credits earned to satisfy certification do
not automatically apply to a degree program, students seeking certification are
also urged to contact a degree adviser if the completion of a master's program is
contemplated for a later date.

Coordinators of Graduate Advising by Program Area

College of Arts and Sciences

<table>
<thead>
<tr>
<th>Program</th>
<th>Coordinator</th>
<th>Address/Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art</td>
<td>Mr. Charles Fensch</td>
<td>106 Sill Hall, Tele. 487-3388</td>
</tr>
<tr>
<td>Biology</td>
<td>Dr. Bert Johnson</td>
<td>324 Jefferson, Tele. 487-0441 or 487-4242</td>
</tr>
<tr>
<td>Chemistry</td>
<td>Dr. Bruce West</td>
<td>239 E. Jefferson, Tele. 487-0229 or 487-0107</td>
</tr>
</tbody>
</table>
Economics  Dr. James R. Gibbons  703 F Pray-Harrold, Tele. 487-3395
       Dr. George Perkins  612 Pray-Harrold, Tele. 487-1358 or 487-4220
French  Dr. Eugene Gibson  220 Ford Hall, Tele. 487-4081 or 487-0131
General Science  Dr. Charles Breedlove  316 Strong, Tele. 487-4144
Geography  Dr. Paul Buckholts  337 Strong, Tele. 487-0232 or 487-0218
History  Dr. Roger King  701 M Pray-Harrold, Tele. 487-1318 or 487-1018
Mathematics  Dr. Robert Pate  601-T Pray-Harrold, Tele. 487-1444
Music  Dr. Maurice Riley  107 Alexander, Tele. 487-2457 or 487-4380
Physics  Dr. Walter Gessert  311 Strong, Tele. 487-4144
Psychology  Dr. Frank Canter  537 Jefferson, Tele. 487-0044
Sociology  Dr. Werner Einstadter  712 T Pray-Harrold, Tele. 487-4248 or 487-0012
Spanish  Dr. Francisco Villegas  206 Ford Hall, Tele. 487-0178 or 487-0131
Speech and Dramatic Arts  Dr. Parker Zellers  106 Quirk, Tele. 487-0030

Business Administration  Dr. Robert Hislop  517 Pray-Harrold, Tele. 487-4444
Business Education  Dr. Charles H. Duncan  511 Pray-Harrold, Tele. 487-3410

College of Education

Educational Leadership  Dr. Doris Kilanski  101 C Boone Hall, Tele. 487-0257 or 487-0255
Educational Psychology  Dr. Kishor Wahi  225 G Boone Hall, Tele. 487-4342
Elementary Education, Jr. and Sr. High Education  Mr. Robert Tibbals  305 Pierce Hall, Tele. 487-4441
Guidance and Counseling  Dr. Winton Kloosterman  13 Boone Hall, Tele. 487-3455 or 487-3270
Physical Education  Dr. John Sheard  229 Warner Gym, Tele. 487-0091
Reading

Special Education

Emotionally Disturbed

Mentally Retarded

Occupational Therapy

Speech Correction

Applied Science Departments

Home Economics

Industrial Education

Registration Information

Permit to Register—New students who have satisfied all admission requirements, and returning students who have not been enrolled during one of the three preceding enrollment periods, must obtain a Permit to Register from the Graduate School Office before attempting to register.

Registration—Graduate students register for on-campus classes in the Registration Office, Briggs Hall, at times and in such manner as provided for in the class schedule issued each semester or session. Students register for off-campus courses through the Division of Field Services at Sherzer Hall.

Adviser's Signature on the Enrollment Plan—Advisers' signatures are required for students majoring in business, economics, geography, history, industrial education, mathematics, music and psychology. Other students enrolling in either business or industrial education courses also must obtain departmental advisers' signatures.

Any student on a degree program who does not obtain his adviser's signature assumes full responsibility for his registration. Courses that do not satisfy requirements on the student's program of study will not be applied toward the degree. Any course substitutions made in a degree program must be approved by the adviser. Written notification of course substitutions must be placed on file in the Graduate School Office.

Academic Load

Twelve hours of graduate credit a semester is the usual full-time load. The coordinator of advising and the dean of the Graduate School approve programs in excess of this.
The usual full-time load for a half semester or session is six hours.
The usual academic load for a graduate student who is employed in remunerative work on a full-time basis is six credit hours per semester. Special permission for a program in excess of this is obtained from the coordinator of advising and the dean of the Graduate School.

Since graduate assistantships and teaching fellowships are granted for the support of students making substantial academic progress, each person holding an assistantship or fellowship is expected to enroll for a minimum of six credit hours per semester during the period of appointment.

Auditing Courses

Graduate students may audit courses not included in their program. Those wishing to audit a course must secure approval from the instructor, register for audit status and pay the same tuition and fees as for academic credit. No student may receive academic credit for audited courses.

Withdrawal

Procedures have been established for withdrawal from the University and from individual classes. Because of this, non-attendance and/or non-payment of tuition alone does not absolve one of academic and financial responsibility nor does it constitute withdrawal.

Policies governing the refund of tuition and fees are to be found in another section of this catalog.

The spring and summer sessions time schedule should be consulted for the calendar regulating withdrawals during those sessions.

From the University:

First Three Weeks—Students finding it necessary to withdraw from all course work in which they are enrolled during the first three weeks do so through the Registration Office as a part of the registration adjustment process.

Fourth through Eighth Weeks—During this period a student withdrawing from all course work obtains a withdrawal form from the Graduate School Office and returns it to the Graduate School Office. The student will receive a grade of "W" in each of his courses if he officially withdraws from the University during this period.

Beginning with the Ninth Week—A student who officially withdraws from the University as a result of extenuating circumstances beyond his/her control, will receive a grade of "W" for each course in which the instructor indicates that he/she is doing passing work at the time of withdrawal. The student presents the withdrawal form signed by his instructor, to the dean of the Graduate School or to his designated agent. The Graduate School is responsible for evaluating the evidence and rendering a decision. Extenuating circumstances are normally defined as illness verifiable by a physician's statement or death in the immediate family.
Students who propose to withdraw permanently from graduate study at this University should submit this information to the dean of the Graduate School.

From individual classes:

First Three Weeks—Any change in the student’s class enrollment occurring during the first three weeks is accomplished through the Registration Office as a part of the registration adjustment process.

Fourth through Eighth Weeks—During this period the student may withdraw from classes without permission. The procedure for withdrawal is as follows:

- obtains a withdrawal form from the Graduate School Office;
- obtains his/her instructor’s signature on the withdrawal;
- must return the withdrawal form to the Graduate School Office.

The class withdrawal is indicated with a “W” on the student’s record.

Beginning with the Ninth Week—Provisions are made during this period to accommodate extenuating circumstances which are beyond the control of the student. Extenuating circumstances are normally defined as illness verifiable by a physician’s statement or death in the immediate family.

The procedure for withdrawal at this time is as follows:

- obtains a withdrawal form from the Graduate School Office and takes it to the instructor;
- obtains his/her instructor’s recommendation and signature on the withdrawal form;
- presents the withdrawal form signed by the instructor, along with verifiable evidence of extenuating circumstances, to the dean of the Graduate School or to his designated agent. The Graduate School is responsible for evaluating the evidence and rendering a decision.

The grade of “W” is assigned to each person permitted to withdraw from a class for extenuating circumstances. Where circumstances do not justify the assigning of a grade of “W,” a grade of “E” will be assigned.

Grade Policies

The grades used in the Graduate School of the University are listed below together with their grade point values.

<table>
<thead>
<tr>
<th>Grade</th>
<th>Outstanding Performance</th>
<th>Grade Points per semester hour</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td></td>
<td>8</td>
</tr>
<tr>
<td>A-</td>
<td></td>
<td>7</td>
</tr>
<tr>
<td>B+</td>
<td></td>
<td>6</td>
</tr>
<tr>
<td>B</td>
<td>Good Performance</td>
<td>5</td>
</tr>
<tr>
<td>C+</td>
<td>Inadequate Performance</td>
<td>4</td>
</tr>
<tr>
<td>C-</td>
<td>Failing Performance</td>
<td>3</td>
</tr>
<tr>
<td>C</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>E</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td></td>
<td></td>
<td>0</td>
</tr>
</tbody>
</table>
"I," "X," "W" and "Z" Grades

"I"—Incomplete: An "I" grade is awarded only when a student's work has been of satisfactory quality, but the required amount has not been completed because of illness or other extenuating circumstances beyond the control of the student. In such cases, the instructor will provide the student and the department head with a statement of the reason or reasons for the "I" grade and will specify the amount and nature of the work required in order to remove the incomplete.

An "I" grade must be removed by the end of the next semester or session in which the student is enrolled in this University, or within one calendar year, whichever comes first. The time period for removal of an "I" grade may be extended upon written recommendation of the instructor when extenuating circumstances exist, but such extensions of time beyond one calendar year after completion of the course will be granted only under unusual circumstances. If not converted to a letter grade within these time periods, the "I" will be changed to an "E."

The initiative for conversion of an "I" to a letter grade rests with the student.

"X"—No Final Examination: An "X" is awarded only when the student has been unable to take an examination because of illness or other valid reasons during the examination period. In order to remove an "X," the student should follow the procedure outlined below:

a. He shall report to the instructor or the dean of the college in which the course is offered the reason for his inability to take the examination. If the reason is a valid one, the instructor shall assign the grade of "X," indicating no final examination, and will report it so on the student's grade card.

b. If the student desires to remove the grade "X" acquired, he will apply in writing to the dean of the college offering the course, requesting a special examination and stating fully the reason why this request is necessary.

c. If the request is approved by the dean, he will arrange with the instructor for a special examination to be given the student during the first month of the next semester that the student is enrolled in this University.

d. If the grade of "X" is not removed in this manner, it will automatically become an "E," denoting failure, at the end of the fourth week of the next semester that the student is enrolled in the University.

e. Any student who does not take the final examination and who does not proceed in the manner outlined above will be assigned the grade of "E," denoting failure. Emergency situations beyond the control of the student will be handled as circumstances require.

"W"—Denotes Withdrawal: The grade of "W" will be assigned only when the previously described withdrawal process has been completed. If a student stops attending a class without officially withdrawing from the class, the grade of "E" will be assigned for the course.

"Z"—Denotes Independent Study or Thesis in Process: The grade of "Z" is assigned when an independent study or thesis extends beyond one semester. It must be removed by completing the required work within one year from the time
that it is received. If the work is not completed within one year, an "E" will be recorded and the grade point average will be adjusted accordingly.

Academic Probation and Dismissal

A graduate student will be placed on academic probation when the cumulative grade point average in courses taken for graduate credit at Eastern Michigan University is less than 5.00 (B average). Grades in courses taken for undergraduate credit and in courses accepted as transfer credit from other institutions are not used in computing the grade point average.

A graduate student placed on academic probation according to the provisions of the above who is not off probation by the end of the second enrollment period will be dismissed from the University.

A graduate student whose cumulative grade point deficiency at the end of any enrollment period is 15 points or more may be dismissed for academic reasons.

Transfer of Credits

From Other Institutions:

Subject to the requirements of a degree program, the recommendation of the adviser and the approval of the Graduate School Office, it is possible to transfer graduate credits earned at other accredited institutions. Six hours may be transferred at the time of admission to a degree program. An additional six hours can be transferred from other institutions should a degree student enroll elsewhere after admission to a degree program. Grades of B- or less are not accepted for transfer credit. All transfer credit must appear on official institutional transcripts. Credits transferred from other institutions are posted to EMU permanent record cards only when they are applied to a degree program.

From Non-Degree to Degree Program:

Non-degree students may apply for admission to a degree program after meeting all special entrance requirements of the academic area of specialization selected. Program Transfer Request forms are available in the Graduate School Office and should be submitted to that office at least two months prior to the semester or session that transfer is contemplated.

A request for admission to a degree program will be approved only upon written recommendation of the coordinator of advising in the area of specialization.

Credits earned under non-degree status do not necessarily apply to the requirements of a degree program. Transfer of credits depends upon the requirements of the program, the recommendation of the adviser, and the approval of the Graduate School Office. A student transferring from Non-Degree Admission must complete a minimum of ten graduate hours after admission to a degree program.

Regarding Certification:

Undergraduate credit earned to satisfy the requirements for a provisional certificate cannot apply to a graduate degree.
Graduate credit earned for a Provisional Certificate cannot apply to the requirements of a Permanent or Continuing Certificate.

Graduate credit earned for a Provisional, Permanent, or Continuing Certificate may apply to a graduate degree only if it meets the requirements of a degree program, the recommendation of the adviser and the approval of the Graduate School Office. For information regarding certification, a student should contact the Office of Records and Teacher Certification.

Enrollment in Graduate Courses by Seniors

A student of senior standing at Eastern Michigan University may register for graduate courses if recommended by the adviser and approved by the dean of the Graduate School. Credit so earned may be used for only one of two purposes:

- to meet the requirements of the baccalaureate degree, thus receive undergraduate credit;
- to apply towards a master's degree, thus receive graduate credit.

A student may not use graduate credit for both.

To be eligible for either, a student must have undergraduate admission at Eastern, have acquired 85 hours or more of undergraduate credit and have a cumulative grade point average of 2.50 or better in all course work completed at the University. Senior students who hold guest or special admission in the undergraduate school are not eligible to enroll in graduate courses.

Permission to enroll in graduate courses as a senior should not prolong the completion of the undergraduate degree requirements.

The maximum number of graduate hours that can be taken during the senior year is ten. Election of graduate courses is limited to the 500 series, exclusive of independent study. Seniors are not permitted to enroll in 600 series courses.

There are several restrictions on the use of credit earned in graduate courses by seniors:

- Permission to take graduate courses does not represent admission to the Graduate School.

Students desiring to continue graduate study and utilize the graduate credit earned in courses taken as a senior must apply and meet all requirements for admission to the Graduate School and degree program.

Graduate courses taken for either undergraduate or graduate credit and taken prior to receipt of a Provisional Teaching Certificate cannot be used to satisfy any requirement of the Permanent Certificate.

Independent Studies

Independent studies are for graduate students who have been admitted to a degree program. These studies permit students to exercise, beyond what is normally possible in a conventional classroom setting, greater individual
initiative and creativity for the enrichment of their study programs. A maximum of six semester hours may be earned in independent studies.

A graduate student wishing to enroll for independent study must secure permission to register from the adviser for the approved program of study. Courses numbered 597, 598 and 599 are reserved for independent studies for the master's degree while 697, 698 and 699 are reserved for independent studies for the specialist degree.

Because of the widely varying nature of independent studies, the graduate student should discuss with the study director the written style and format in which these studies must be presented.

**Thesis**

Aside from independent studies, more opportunity for the degree student to demonstrate individual initiative and creativity is provided by a number of departments where the writing of a thesis is offered either as an option or as a requirement. Offered towards the end of a student's program of study, it serves as a capstone affording an opportunity for some integration of one's specialized subject matter.

Thesis credit varies from one to six credit hours. Courses numbered 690, 691 and 692 are reserved for one, two and three credits respectively. These course numbers may be combined to allow up to six hours for thesis credit.

Guidelines and requirements governing this activity are available through the departments or the Graduate Office.

**Workshops, Institutes and Travel Courses**

Workshops and institutes for graduate credit in a number of subject-matter areas are offered both on and off campus during the academic year and the summer session. Graduate students who have been admitted to the Graduate School are eligible to enroll. New applicants who wish to enroll in any of these courses must satisfy the requirements of the type of admission they are seeking as provided elsewhere in this catalog.

Travel courses which provide graduate study opportunities abroad have been organized by a number of departments. These courses are usually offered during the summer session and vary in duration from four to six weeks each. More complete information is available upon request.

**Interruption of Graduate Study**

Because Graduate School policies and degree program requirements change, students who interrupt their enrollment in courses at Eastern Michigan University for a period of two or more years are affected by the policies and degree program requirements in effect at the time of their return. Departments may require a review of a student's records and program of study at the time they resume graduate study in that department.

Students who return to the University as a post-degree student, or to work on an additional graduate degree, are required to establish admission in the Graduate School before registering for classes.
GENERAL POLICIES
AND INFORMATION

MAJOR BUILDINGS

-Richard G. Boone Building houses the College of Education and a post office substation.
-John D. Pierce Hall houses major administrative offices.
-Frederic H. Pease Auditorium seats 1,700 and is the location of the Frederick Alexander Memorial Organ, a stage, practice rooms, classrooms and faculty studios.
-Frederick Alexander Music Hall is adjacent to Pease Auditorium and houses the Department of Music offices, faculty and practice studios, classrooms, a recital hall and large rehearsal halls.
-Welch Hall houses the Departments of Home Economics and Military Science.
-Sherzer Hall houses the Division of Field Services and the University observatory and astronomy laboratory.
-Strong Physical Science Building houses the Departments of Physics and Astronomy and Geography and Geology.
-Daniel L. Quirk Jr. Dramatic Arts Building contains an instructional theater seating 381, radio facilities, an outdoor amphitheater, classrooms and offices housing dramatic and speech activities and the University radio stations.
-Walter O. Briggs Building houses registration and the Cashier's Office.
-Joseph E. Warner Physical Education Building is adjacent to Bowen Field House and contains gymnasiums, classrooms, offices, special purpose rooms and a swimming pool.
-Wilbur P. Bowen Field House is one of the largest and most functional in the state. It houses a complete field house with an eight-lap-to-a-mile track, a basketball court and tennis, volleyball and badminton courts. The seating capacity is 4,350.
-Glenadine C. Snow Health Center provides the clinical services of the University Health Service and the Counseling Center.
-Charles McKenny Union offers dining and recreational facilities for students, faculty staff and guests. It provides meeting and conference rooms, food catering facilities, the bookstore and a ballroom.
-Mary Ann Starkweather Hall is the center of campus religious activities.
-J.M.B. Sill Building houses classroom and offices for the Departments of Fine Arts and Industrial Education, as well as University Printing, the University Bookstore Annex, art galleries and two large lecture halls.
-University Library opened at the beginning of the spring semester, 1967. It has seating space for 1,800 and houses more than a quarter of a million volumes. Almost all books are available to students from the open stacks.
-Pray-Harrold Classroom Building houses the Departments of English Language and Literature, History and Social Sciences, Mathematics,
Sociology and the College of Business.

- R. Clyde Ford Hall (formerly Mark Jefferson Library) provides office and classroom space for the educational television and foreign languages and literature departments.
UNIVERSITY HOUSING

The University owns and operates approximately 450 furnished apartments for married students. In addition, the University operates fifteen residence halls conveniently located on campus. Graduate students are eligible to live in any of these resident units as available space allows.

Students living in residence halls are required to board there also. Room and board in the residence halls is approximately $530.00 per semester. Apartment units rent for $100 and $115 per month for one bedroom apartments and $120 and $135 per month for two bedroom apartments, rates based on 1970-1971 figures. The University reserves the right to revise these rates when necessary. Applications and additional information may be obtained from the associate dean of students, Housing Office, Eastern Michigan University.

The Housing Office also maintains listings of off-campus housing accommodations available in the Ypsilanti area. These listings include rooms, apartments, houses and "room-mates wanted," and are usually located near campus, but some good choices require transportation. Only those facilities available to students without regard for race, religion, creed, national origin or ancestry are posted.

A student expecting to live off-campus may obtain assistance by contacting the Housing Office, Eastern Michigan University.

STUDENT EMPLOYMENT OPPORTUNITIES

Students interested in earning money with which to pay a portion of their expenses will be given advice and detailed information about on-campus employment opportunities upon application at the University Placement Center.

Ypsilanti, located thirty miles west of Detroit and seven miles southeast of Ann Arbor, is the center of an area which provides many and varied employment opportunities. Employment is generally available in business and industry and in governmental agencies in the area.

UNIVERSITY PLACEMENT CENTER

The University offers graduates and alumni aid in securing positions and in obtaining professional advancement through the services of the University Placement Center. The Placement Center seeks to serve both graduates and employers by identifying the person best qualified for each position, thus providing jobs that fit the qualifications of the individual graduate. The Placement Center serves as the channel through which much information about the performance of Eastern Michigan University graduates is brought back into the instructional program of the University. Cumulative records of professional experience and advanced graduate study are maintained for students who wish to file at the Placement Center.

VETERANS INFORMATION

Veterans eligible for educational benefits under the G.I. Bill should supply the Veterans Affairs Office at the University with their Certificate of
Eligibility prior to the start of classes. For information regarding payment of tuition and other matters of interest to the veteran, please contact the Veterans Affairs Office.

THE UNIVERSITY LIBRARY

Graduate education requires that students make extensive use of library facilities. Graduate education at Eastern Michigan University is served by a new, modern, air-conditioned library organized on a divisional basis, with open stacks. Collections and services are divided among the divisions of Education and Psychology, Science and Technology, Humanities and Social Sciences.

The total book collection numbers approximately 312,000 volumes. Special collections include a large Instructional Materials Center in conjunction with the Education and Psychology Division, a Map Library in the Science and Technology Division, the University Archives and a collection of United States Government Documents in the Social Sciences Division. Special facilities are available for the use of microfilm materials, study in small groups and typing of papers.

The Audio-Visual Center, a major department of the library, supplements books and journals with films, filmstrips, recordings and other materials.

INSTRUCTIONAL COMPUTER CENTER

The Instructional Computer Center, located in Room 117, Pray-Harrold Building, operates an IBM 1130, together with customary peripheral equipment. An IBM 360-40 is available on auxiliary stand-by basis for use on demand.

The services of the center are available to all faculty and graduate students. Students may develop proficiencies in computer programming by enrolling in courses in that area. Assistance is provided in programming special instructional and research projects upon request.

DIVISION OF FIELD SERVICES

In response to the continuing education needs, Eastern Michigan University, through the Division of Field Services, offers credit courses in 17 established centers throughout southeastern Michigan: Adrian, Brighton, Center Line, Cherry Hill, Flint, Jackson, Lapeer, Marlette, Monroe, Mt. Clemens, Plymouth, Port Huron, Sandusky, Southgate, Taylor, Trenton, and Wayne. These classes are undergraduate and graduate courses conducted by regular instructors of the University. Presently, there are classes in practically any field connected with professional education. A list of the courses offered for fall, spring and summer sessions may be acquired from the director of the division of field services. The Division of Field Services also offers courses on a contract basis. These credit courses are arranged between a school system and the University. They are designed to investigate problems unique to the particular school system and they are usually held at one of the schools.

Students who hold a bachelor's degree register in off-campus classes under one of the following categories:
A. AN EASTERN MICHIGAN UNIVERSITY GRADUATE STUDENT—a student who has been admitted to the Graduate School at EMU as a degree or non-degree student.

B. A GUEST STUDENT—a student who (1) currently holds graduate admission at another college or university, (2) wishes to earn graduate credit at EMU to be transferred to his/her present institution, (3) files an Application for Guest Admission and (4) has had Part 2 of the Guest Student application form—Recorder Action—filled out by the dean of the Graduate School at the parent institution, or by his designated agent. THE OFFICIAL SEAL OF THE PARENT INSTITUTION MUST BE AFFIXED.

C. A UNIVERSITY EXTENSION STUDENT—a student who holds a bachelor’s degree but has not been admitted to the Graduate School, does not seek admission and/or does not qualify for admission. This status does not establish eligibility to enroll in on-campus classes.

TUITION AND FEES

Fees Subject to Revision

All University fees and assessments are subject to change by action of the Board of Regents.

Financial Obligations

Having fulfilled all other requirements, a student is eligible for registration or graduation only if he has met all of his financial obligations to the University. If a student has not met his financial obligations to the University at the time of graduation or at the close of any semester, his credits or other statements of record will be withheld and he will be ineligible for further registration at E.M.U. until all obligations have been satisfied.

Official Registration Day

The official registration day each semester for each student for the purpose of tuition and registration fee assessment is the day he completes his initial registration for the semester.

Registration Fee

A registration fee of $15.00 is charged to each student each semester. This fee is collected when the student pays his tuition and is non-refundable after the student registers for the semester.

Tuition Schedule—Graduate

All students holding a bachelor’s degree and who have been admitted to the Graduate School will pay graduate tuition.
### Michigan Resident

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>Tuition</th>
<th>Registration Fee</th>
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### Non-Resident

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It is the duty of any student, prior to registration, if there is any question as to his right to be registered as a student with a status of Michigan residence, to raise such question with the Student Accounting Office in Briggs Hall.

For purposes of determining tuition assessments, both activity and academic hours are counted.

**Auditing of Courses**

Tuition and registration fee rates for auditing courses are the same as for credit.

**Workshop Sessions**

Several two and three week workshop sessions are offered during the spring and summer sessions. A fee is assessed for each workshop independent of tuition for
other course enrollments. The registration fee does not apply to workshop sessions.

A credit adjustment of 100% of the workshop fee assessed will be made to those students who withdraw prior to noon of the first day of the session. No other adjustment will be granted.

Payment of Tuition

Tuition and other University fees are due and payable at the beginning of each semester or session. However, for those students who may prefer to make installment payments, the University provides an optional installment payment plan.

The installment payment plan applies only to tuition and room and board. It consists of a minimum initial payment of 40% of the room and board and tuition assessments for the semester, and one, two or three monthly installments at the option of the student, each consisting of a minimum of 20% of the assessments for the semester.

An installment payment service fee of $3.00 is collected with each installment payment.

A late payment fee of $6.00 will be assessed for each initial payment and installment payment not received by the due date.

Tuition, room and board and other assessments are charged to an account established for the student on computer files. A statement is sent to each student prior to the beginning of each semester and each month that there is a balance on the account. The due date of each payment is shown on the statement.

Withdrawal from the University

Withdrawal Before the End of the Third Week of Classes. If a registered student finds it impossible to return to the University, he must sign a cancellation of registration form in the Registration Office before the end of the third week of classes. This is necessary for adjustment of tuition assessment and for any tuition refund to which the student may be entitled. In an emergency, a letter to the Registration Office postmarked on or before the last day of the third week of classes will be acceptable.

Withdrawal After the Third Week of Classes. If a graduate student finds it necessary to withdraw from the University after the third week, he must initiate the withdrawal in person or by letter through the Registration Office.

Adjustments to Tuition Assessments

Adjustments to tuition assessments are computed electronically and entered into student accounts following the close of the program adjustment period.

Adjustments as stated below apply to tuition only and not to the registration fee.

Exceptions to the adjustment policy are made for students who are called into military service other than by enlistment.

Withdrawal from the University:

1. A credit adjustment of 100% of the tuition assessment for the semester will be made to those students who cancel their registration and withdraw from the
University prior to first day of classes. Actual dates are printed in the class schedule for each semester.

2. A credit adjustment of 60% of the tuition assessment for the semester will be made to those students who withdraw from the University on the first day of classes or 20 days (seven days for the spring and summer sessions) thereafter. Actual dates are printed in the class schedule for each semester and session.

Decrease in Academic Load:
1. A credit adjustment of 100% of the difference in tuition assessments for the semester will be made to those students who decrease their academic load before the first day of classes. Actual dates are printed in the class schedule for each semester.
2. A credit adjustment of 60% of the difference in tuition assessment will be made to those students who decrease their academic load on the first day of classes or within 20 days (seven days for the spring and summer sessions) thereafter. Actual dates are printed in the class schedule for each semester and session.

Qualifications for Michigan Residence

It is the policy of the Board of Regents for Eastern Michigan University that Michigan Residency, for purposes of tuition, shall be determined by the domicile of the student, and that such domicile shall be determined by the following criteria:

1. Length of time lived in Michigan prior to first enrollment.
2. High school attended or previous college.
3. Domicile of parents.
4. Status as an elector.
5. Status as a taxpayer.
6. Source, length and continuity of employment.
7. Marital status.
8. Ownership of real estate.
10. Source of vehicle license (state).
11. Self-supporting or dependency on others.
12. The type of visa held if a student from a foreign country.
13. Other factors which may be deemed relevant evidence of domicile.

A student shall have his residency status determined at the time of his initial enrollment and will be reviewed at each subsequent registration. It shall be the responsibility of any student adjudged as a non-resident, to apply for Michigan Residency if he believes he meets the requirements for such.

The Treasurer of the Board of Regents shall be the responsible officer for developing reasonable procedures and evaluating qualifications of individual applicants.

NOTE: It shall be the duty of any student prior to registration, if there are any questions as to his right to be registered as a student with a status of Michigan residence, to raise such questions with the Student Accounting Office in Briggs Hall.
Late Registration Fee

A late registration fee of $5.00 is charged to those students who, for any reason, do not complete registration prior to the official first day of classes each semester. Checks returned by a bank constitute late registration and the late registration fee is charged.

Program Adjustment Fee

A fee of $3.00 is assessed for each student-initiated change to his registration on or after the first day of classes of each semester. Such changes consist of adding a course or changing sections.

Applied Music Fee

All students accepted for private music lessons will be assessed an applied music fee at the following rates:

- **Music Majors:** $60.00 per semester for all instruction.
- **Other University Students:** $60.00 per semester for one-hour lessons.
- **Students from public schools, the community and EMU staff and families:** $30.00 per semester for half-hour lessons. $90.00 per semester for one-hour lessons. $45.00 per semester for half-hour lessons.

Lessons are arranged through the office of the Music Department to begin only after payment of the music fee and tuition. The applied music fee is payable each semester to the Cashier’s Office with the student’s tuition. This fee is not refundable after the first lesson.

Other Course Fees

Fees are assessed at the close of the program adjustment period to cover extra costs and materials involved with certain courses. At present these courses carry special fee assessments:

- **Fine Arts Department** — Graphics, Ceramics, Jewelry, Sculpture, 3-D Design.
- **HPER** — Bowling
- **Business Education** — Business Laboratory Fee.

Vehicle Registration and Fee

All graduate students, meeting with requirements of the law, are eligible to operate a motor vehicle on campus. Motor vehicles are required to be operated within the provisions of the Traffic, Parking and Pedestrian Ordinance of the University.

Motor vehicles driven to or on the campus before 7:30 p.m. must be registered with the University, and the appropriate fee paid at the University Police Department during the first week of each semester.

Further details are printed in the Ordinance and in the Parking and Traffic Regulations brochure.
DEPARTMENTS
OF
INSTRUCTION
COLLEGE OF ARTS
and SCIENCES

DEAN: Donald F. Drummond

DEPARTMENTS

Art
Biology
Chemistry
Economics
English Language and Literature
Foreign Languages and Literature
Geography and Geology
History and Social Sciences
Mathematics
Music
Physics and Astronomy
Political Science
Psychology
Sociology
Speech and Dramatic Arts
The Art Department offers two programs leading to the master's degree; the Master of Fine Arts and the Master of Art Education. The Art Department's graduate coordinator of advising will recommend admission to the department and assign each student to an adviser.

I. ADMISSION REQUIREMENTS

Master of Fine Arts

The prospective student should begin by making application for graduate status to the Graduate School, Pierce Hall, Eastern Michigan University and application for admission to the M.F.A. program to The Graduate Committee, Master of Fine Arts Program, Department of Art, Eastern Michigan University, Ypsilanti, Michigan 48197. Prerequisites for admission are an undergraduate degree with a major in art from an accredited institution, including 60 semester hours in art; an acceptable portfolio of ten two-inch by two-inch color slides or photographs of representative examples of recent work; and declaration of a specific area of concentration (e.g., painting, etc.).

Master of Art Education

Application for graduate work in art education should be made to the Graduate School, Pierce Hall, Eastern Michigan University. The requirements are a minimum of 34 semester hours of art education and studio art with a 2.8 average in these classes. In addition each student will be evaluated on the basis of a portfolio submitted to the Art Department. The portfolio will be in the form of at least 12 slides, presented in a clear plastic holder. All slides should be individually labeled and identified. Each applicant should also submit a letter of purpose outlining his aspirations in graduate work. Each applicant is expected to hold a teaching certificate for the teaching of art.

II. DEGREE REQUIREMENTS

The graduate adviser will meet with each student to construct a program of study. The Master of Fine Arts Program will contain a minimum of 48 semester hours beyond the bachelor's degree and the Master of Art Education Program will contain a minimum of 30 semester hours beyond the bachelor's degree. The Art Department offers concentrations in drawing, painting, sculpture, ceramics, jewelry, weaving and graphics.

A. Fine Arts

1. Residence: Two years in residence. At the end of the first year in residence, the work of each M.F.A. candidate will be reviewed.

2. Course requirements: A minimum of 48 graduate semester hours is required. Additional courses may be required where undergraduate deficiencies exist.

   a. FA 630 Graduate Studio (8 semester hours)

   This course is conducted on a one-to-one basis with an instructor selected by
the Graduate Committee. Emphasis is on student’s individual development both technically and philosophically.

b. FA 631 Graduate Studio (8 semester hours)
The student continues development of ideas evolved in FA 630. The instructor is chosen by the student from those on the M.F.A. faculty.

c. FA 632 Graduate Studio (8 semester hours)
A continuation of FA 630 and 631.

d. FA 633 M.F.A. Exhibition and Thesis (9 semester hours)
A culmination of the three sequential Graduate Studio courses in which the student developed the ideas which now are to result in a body of work to comprise the graduate exhibition. A written thesis pertaining to the exhibition is required, as well as an oral defense of the ideas presented in thesis.

e. FA 634 Seminar in Contemporary Ideas in Art (3 semester hours)
The first of two seminars required of all M.F.A. candidates, dealing with scholarly questions in contemporary art. Discussion is supplemented with slides and films. Taken concurrently with FA 630.

f. FA 635 Seminar in Contemporary Ideas in Art (3 semester hours)
The second semester seminar, required of all M.F.A. candidates. Taken concurrently with FA 631.

g. Cognate courses (electives), (9 semester hours)
Chosen in consultation with the graduate advisor. May be comprised of one or more courses transferred from other institutions.

Total 48 semester hours

B. Art Education
Requirements

FA 596 Art Education Seminar 2 hrs.
FA 507 Crafts Workshop 4 hrs.
FA 505 Workshop in Two-D Media 4 hrs.
FA 506 Workshop in Sculptural Media 4 hrs.
FA 608 Exhibition in Art Education 2 hrs.

16 hrs.

Electives (Fine Arts) 8 hrs.

FA 504 Elementary Art Studio (2 hrs.)
(This course is recommended for the elementary art teacher)

Cognate Courses

Courses selected from the College of Education (graduate level)

Total 30 hrs.

III. CANDIDACY
Upon completion of 12 graduate hours each student must petition for candidacy to the appropriate degree. Petition is made in the Graduate School Office and forwarded to the Art Department. The student’s work will be
reviewed by a faculty committee. Approval for candidacy should be obtained before continuing work on the degree. A grade point average of 5.0 (B) is required to qualify as a candidate.

IV. COMPLETION OF THE DEGREE

The student should follow closely the Graduate School requirements for "Application for Diploma."

If the degree program includes a final exhibition of work, it is necessary to apply for gallery space one semester prior to the proposed exhibition.

Further information about these programs may be obtained from the Art Department graduate coordinator Professor Charles Fensch.
PURPOSE OF THE PROGRAMS:

The programs leading to the degree of Master of Science in biology provide both depth and breadth of preparation for professional work in the biological sciences. Individual programs are tailored to accommodate the candidate's aims and interests whether these be in teaching at the high school or college level, in continuing for the doctorate in some specialized field of biology, or in a non-teaching career in such areas as nature interpretation, aquatic biology or biological or paramedical technology.

APPLICATION PROCEDURE:

A letter should be directed to Dr. Bert M. Johnson, Graduate Program Coordinator, Department of Biology, Eastern Michigan University, Ypsilanti, Michigan 48197, requesting the departmental application form G-BIO-166, information about programs and requirements for the degrees. A copy of the applicant's college transcript should be forwarded to the Graduate School.

DEGREES:

The Master of Science is the conventional degree for majors in the Department of Biology. The Master of Arts degree may be conferred upon student request and approval by the dean of the Graduate School.

ADMISSION REQUIREMENTS:

(1) Bachelor's degree, (2) 20 semester hours in biology including seven hours in botany and seven hours in zoology, (3) one year of college chemistry, (4) an academic record of B (3.0) or better during the junior and senior years. The Graduate Record examination is not required although it may be considered as one factor. Students deficient in one or more admission requirements may be granted conditional admission subject to removing deficiencies while beginning a graduate program. Hours earned in deficiency courses may not apply toward degree requirements.

REQUIREMENTS FOR THE DEGREE:

Plan A: A minimum of 30 credit hours of graduate work is required: at least 12 hours in biology, 10 hours in botany and 10 hours in zoology. At least 24 hours of graduate work must be in courses approved by the student's guidance committee. In addition, six hours of cognate credits are required outside of the department. The candidate must successfully complete an original investigation with approval of, and supervision by, his guidance committee, submit a report of this research written in a manner suitable for publication and approved by his guidance committee and successfully defend it in an oral final examination. A maximum of six credit hours may be earned by thesis research.
Plan B: A minimum of 30 credit hours of graduate work is required: at least 12 hours in biology, 10 hours in botany and 10 hours in zoology. At least 24 hours of graduate work must be in courses approved by the student's guidance committee. Two credit hours in independent study including a written report is required and six graduate credit hours in a cognate field, outside of the department. A comprehensive written examination over the major fields of biology will be taken by the student near the completion of his academic work.

GUIDANCE COMMITTEE:

The Guidance Committee for each student includes three faculty members of the Biology Department: a chairman, selected by the student, and two members, appointed by the graduate biology program coordinator. The Guidance Committee and the student will develop a personalized program acceptable to the Department of Biology and the Graduate School. A temporary graduate adviser may be assigned to a graduate student until he has selected his chairman.

GRADUATE ASSISTANTSHIPS:

Assistantships are available to graduate students in the Biology Department. Direct inquiries should be made to Dr. Richard A. Giles, head of the Biology Department, before February 1. Appointments are normally for one academic year and may be renewed not more than once.
CHEMISTRY

MASTER OF SCIENCE IN CHEMISTRY EDUCATION

Objectives: To provide individually prepared programs of advanced study for teachers in secondary schools and community colleges and for students seeking entry into specialist degree programs in teaching.

Admission Requirements: Application for admission to this program will be considered from all applicants who have an undergraduate degree with a major or a minor in chemistry. Undergraduate courses must include quantitative analysis, one year of organic chemistry, one year of physics and mathematics equivalent to one year of analytical geometry and calculus. Deficiencies in preparation may be made up without credit while in the program.

Degree Requirement: Successful completion of a minimum of thirty semester hours of graduate credit, distributed as follows:
1. Enroll in Chm 432, 461-2-3, 481, 503, 570 and 596 or demonstrate satisfactory knowledge of the topics normally covered in them.
2. A minimum of twenty hours of graduate credit in chemistry.
3. Graduate and undergraduate credit hours in chemistry must total at least forty-six.
4. Six hours in approved courses selected from outside the Chemistry Department.

Certification for teaching may be achieved by satisfying the additional requirements listed in the undergraduate catalog.

MASTER OF SCIENCE IN CHEMISTRY

Objectives: To provide individually prepared programs of advanced professional training for industrial chemists and to prepare students to enter a doctoral degree program.

Admission Requirements: Application for admission to this program will be considered from all applicants who have an undergraduate degree with a major in chemistry. Deficiencies in preparation may be made up without credit while in the program. Entering students will be required to take placement examinations in analytical, biological, inorganic, organic and physical chemistry.

Degree Requirement:
1. Satisfactory completion of a minimum of thirty semester hours of graduate credit, distributed as follows:
a. four of the following five courses must be taken: 451-2, 481, 532, 561, 571. Students who receive satisfactory scores on the above mentioned placement examinations may request exemptions from this requirement.
b. six to ten hours of research culminating in a written thesis or six hours of a suitable independent study project. Theses are subject to departmental approval.
c. two credit hours in seminar (CHM 596).
d. electives chosen from advanced courses in chemistry.
e. six hours in approved courses selected from outside the Chemistry Department.

2. Demonstrated competence in the use of the chemical literature.

GRADUATE ASSISTANTSHIPS

Graduate assistantships for the academic year are available with stipends ranging from $2500 to $3000 depending upon experience. Completed application forms for the positions should be sent to the graduate adviser by March 15 for the fall term and by November 15 for the spring term.

For further information regarding these programs and admission procedures, contact graduate adviser in chemistry.
ECONOMICS

INTEREST AREAS

The program of graduate study in economics is readily adaptable to, and designed for, several interest areas: 1) Teachers who prefer a master's degree in a subject matter field rather than in educational methods; 2) Persons who are currently engaged in community college teaching, or for persons planning such a career; 3) Graduate students enrolled in the College of Business who seek cognate training in economics; 4) Graduate students in fields such as history, sociology, geography, industrial education, mathematics and the sciences, who desire supplementary work in economics; 5) Persons who desire the terminal degree in economics in order to broaden opportunities for business and government employment; 6) Graduate students who are seeking the doctor's degree at another university; and 7) Graduate students who are interested in the study of economics per se, and who otherwise are not pursuing specific vocational goals.

REQUIREMENTS FOR ADMISSION

In addition to fulfilling the general Graduate School requirements, the applicant shall meet the following admission requirements of the Department of Economics: (1) The applicant normally shall have completed an undergraduate major or minor in economics. However, the student may take courses to make up deficiencies under conditional entry. (2) Have earned a 2.3 grade point average in all undergraduate work. (3) Supply the Economics Department with graduate record examination scores and advanced economics test scores. (4) No student will be admitted to the master's degree program in economics until the application has been approved by the Department of Economics and a preliminary program of study has been approved by the director of graduate study. The department may permit conditional entry to selected students lacking the above requirements if their overall undergraduate academic record or other experiences offer reasonable expectation of success in the program.

REQUIREMENTS FOR AWARDING OF THE MASTER OF ARTS DEGREE

The student shall meet the general requirements established by the Graduate School. In addition, the candidate shall meet the following specific requirements of the Department of Economics: 1) Completion of a minimum of thirty (30) hours of graduate study including at least twenty-four (24) from the field of economics and six (6) from cognate areas; 2) The candidate shall demonstrate research ability of a level reflected in successful completion of one of the following three research options: a) A master's thesis (not to exceed six (6) graduate credit hours); b) A master's essay (not to exceed two graduate credit hours); or, c) At least two short research papers prepared in conjunction with the requirements of graduate courses in economics; 3) The candidate shall complete one graduate seminar course in economics; or, as an
option carrying no credit, arrange with the department to take and pass a final oral examination covering some major aspect of the student’s graduate program in economics; 4) The candidate shall have completed the following three graduate courses in economics: a) ECO 504 Development of Economic Analysis; b) ECO 541 Microeconomic Analysis; and c) ECO 542 Macroeconomic Analysis; 5) The candidate shall have had a minimum of one course as an undergraduate or graduate student in economic statistics, econometrics or quantitative methods; and 6) The candidate's graduate program shall contain study in several basic areas of economics, which will generally include selections from economic theory, various applied areas, quantitative methods, the development of analysis, and economic policy.

NOTIFICATION OF PROGRAM CHANGE

The graduate program in economics has undergone extensive change in the last year. As a result, many of the courses listed in the 1971-72 catalog are no longer accurate. Students interested in obtaining an updated course listing, or other general program information, should contact the director of graduate studies in the Department of Economics.
The Department of English Language and Literature offers courses leading to the degree of Master of Arts in English, as well as some general courses that serve other purposes and do not count toward the degree.

General requirements for the master's degree: In addition to the general Graduate School requirements set forth in the early pages of this catalog, the Department of English requires (A) for admission to the program, at least 24 semester hours of undergraduate English, excluding freshman composition, (B) for admission to candidacy for the degree, at least 12 semester hours of graduate literature in English with grades averaging B or better, (C) for the degree, a minimum of 30 semester hours of graduate work (usually 12 hours in an English major, six hours in an English minor, six hours of electives in English and six hours of cognate study) with grades averaging B or better. A master's thesis is not required.

Language Requirement: a candidate is expected to possess some knowledge of a foreign language or of early English. This requirement may be fulfilled in either of the following ways:

a. by presenting two years (or the equivalent) of undergraduate foreign language credit.

b. by taking six hours of graduate work chosen from Old English, Old English Poetry, Chaucer, History of the English Language. (Students with equivalent undergraduate training may be excused by petition.)

Major and minor requirements for the master's degree: ordinarily a candidate will complete a major of 12 hours in a field chosen from those listed under Groups I, II and III, a minor of six hours in a field chosen from a second group and electives of six hours chosen from fields of a third group.

Group I
MEDIEVAL AND RENAISSANCE
17th and 18th CENTURIES

Group II
19th AND 20th CENTURIES
AMERICAN LITERATURE

Group III
PROSE FICTION (A student presenting Prose Fiction as a major is advised to include a course in literary criticism and must include one course each in 18th, 19th and 20th century British prose fiction and one in American prose fiction among his total undergraduate and graduate credits.)

POETRY (A student presenting Poetry as a major is advised to include a course in literary criticism and must include one course each in Chaucer, Shakespeare and Milton among his total undergraduate and graduate courses.)
It should be noted that the same course may not be presented for credit toward both the major and minor. The major and minor program is designed to provide some depth in particular areas, but in considering his entire training in English (both undergraduate and graduate) the student should aim for breadth as well. It is especially advised that the minor be chosen in an area where he would otherwise be weak.

Graduate assistantships and teaching fellowships are available in the department each year. Interested students should consult with the director of graduate studies.

The director of graduate studies is Professor George Perkins. Members of the Departmental Graduate Committee are Professors Alice Bensen, Paul McGlynn, Paul Pillsbury, Ronald Trowbridge and Patrick White. All are available during regular office hours for information or counseling.
FOREIGN LANGUAGES and LITERATURE

For admission to the program, a student shall present in the chosen language an undergraduate major, equivalent to the requirements for such a major at Eastern Michigan University. Students with less undergraduate preparation may be admitted to the program only by the special approval of the departmental graduate committee, which shall establish compensatory requirements.

Individual programs will be prepared by the adviser assigned by the department.

The course requirements for the degree will be adjusted to complement the areas covered by the student during his undergraduate preparation. Every candidate for a degree will be expected to have completed work in the areas cited below with the minimum number of credit hours specified.

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</tr>
<tr>
<td>Contemporary French Scene</td>
<td>2 Diction</td>
<td>2</td>
</tr>
</tbody>
</table>

RESEARCH PAPER

Courses 690, 691 and 692 provide credits of one, two and three hours respectively. The number of credit hours will be recommended by the adviser in consideration of the scope and difficulty of the project.

Candidates for the degree must complete a minimum of 30 hours of graduate work. The program will include a maximum of six hours in a related area, to be determined by the departmental adviser and the student, and approved by the dean of the Graduate School.

A graduate student may elect, with the advice and consent of his adviser, upper division courses in the 400's for graduate credit.

*The student is expected to be conversant with both Peninsular and Latin-American literature, and his program of studies must reflect this.*
For admission to candidacy for the degree, a student shall demonstrate to a departmental committee his proficiency in the written and oral use of the language; and shall present a minimum of 12 semester hours of graduate work in the chosen field with a B average.

To obtain the degree, one or both of the following requirements shall be met: (1) a research paper or essay shall be completed and approved by the departmental committee a month before the degree is to be awarded; (2) the student shall pass satisfactorily written and oral examinations in all required areas not covered by his graduate courses. The student shall have the option of deciding which half of these areas shall be covered by the written examination and which by an oral examination. These examinations must be completed at least one month before the degree is to be awarded. The reading list presented to the student upon his admission to candidacy will include the items upon which the examinations will be based.
The Department of Geography and Geology offers courses leading to the degree of Master of Arts and to the degree of Master of Science. Students who complete programs emphasizing man and his works receive the degree of Master of Arts; those whose programs stress climatology, geology and other aspects of the natural environment receive the Master of Science degree.

Objectives. The objectives of programs leading to a master's degree are aimed at helping each individual student to prepare for further study toward a doctoral degree; a professional career using geography after earning a master's degree; or teaching at elementary, secondary or community college level with master's degree competence in geography. Geographers are employed by government agencies, from local to federal levels, to work in urban and regional planning, analysis of foreign areas, resource management, agricultural and transportation surveys, cartography, climatology and general economic geography. Some opportunities also exist in private business for geographically trained persons who can do research in marketing and industrial location.

Admission Requirements. For admission to a master's degree program in geography the student must have a bachelor's degree from an accredited institution, and must have attained at least a 2.5 grade point average in his major field or in the equivalent of a geography minor during his last two undergraduate years or must have scored at least 1000 on the aptitude test of the Graduate Record Examination. Students who have majored in a field other than geography may be admitted to a program with the understanding that they must satisfactorily complete between 44 and 48 semester hours of undergraduate and graduate work in geography for the master's degree.

Degree Requirements. Normally a minimum of 30 semester hours will be required for a master's degree: 18 hours in geography courses, six hours for a thesis and six hours in a cognate field or fields. Courses will be selected with the guidance of a departmental adviser and will depend on the undergraduate background and master's degree objective of the individual student.

All candidates for the master's degree must have completed, within the total of their undergraduate and graduate study, at least two physical geography courses, at least two cultural geography courses, at least one regional geography course (not including Geography 110 World Regions) and at least one course in each of the following: history of geographic thought, cartography or quantitative methods, geographic field methods, geographic research and graduate seminar in geography. GEO 507, 508, 509, 522, 529 and 530 may not be counted for this requirement.

All graduate students are required to write a thesis and to pass a comprehensive oral examination as part of the master's degree program. The subject of the thesis is determined by the student and his/her advisers in order to provide an opportunity for the student to work in his/her special field of interest. The oral examination, conducted by a committee made up of four
members of the graduate faculty, will cover the field of geography and will emphasize the student's special field of interest.

Students desiring more information concerning the master's degree programs in geography should contact Dr. Paul Buckholts, the department's coordinator of graduate advising.
The program leading to the degree of Master of Arts in history is designed primarily for present or prospective teachers of history in secondary schools and junior colleges. However, it also serves those with other personal or vocational goals. Each student, in consultation with the department's graduate adviser, plans a course of study appropriate to his/her preparation and interests and satisfying the requirements outlined below.

In addition to Graduate School requirements for admission, the department requires an applicant for admission to present a minimum of 20 semester hours of undergraduate history courses and grade point averages of 2.5 (4.0 = A) for all undergraduate courses and 2.75 for all undergraduate history courses.

For the degree of Master of Arts in history the department requires satisfactory completion of:

a. twenty-four hours of history courses carrying graduate credit.
b. a seminar with a formal research paper.
c. a combination of graduate and upper-division undergraduate courses including:
   course work in historical method and historiography (students entering without such course work will register for a graduate course in historical method during their first semester of graduate study)
   at least two courses in each of the three areas
   at least three courses in each of two fields, the fields chosen from two different areas.
d. an oral examination in each of the two fields.
e. six hours of cognate courses.

In addition to history requirements, the student must meet all other Graduate School requirements.

The areas of historical study, with their respective fields, are:

<table>
<thead>
<tr>
<th>Area 1</th>
<th>Area 2</th>
<th>Area 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>U.S. to 1877</td>
<td>Ancient</td>
<td>East Asia</td>
</tr>
<tr>
<td>U.S. since 1877</td>
<td>Medieval</td>
<td>South Asia</td>
</tr>
<tr>
<td>Michigan</td>
<td>Europe 1500-1815</td>
<td>Near and Middle East</td>
</tr>
<tr>
<td></td>
<td>Europe since 1815</td>
<td>Latin America</td>
</tr>
<tr>
<td></td>
<td></td>
<td>History of Religion</td>
</tr>
</tbody>
</table>

A limited number of graduate assistantships are available. Interested students should direct their inquiries to the head of the department.

Graduate students in history must arrange an early conference with the departmental graduate adviser and have all course elections approved by him each semester.

For admission to a Master of Arts degree program in social studies, the student shall present a bachelor's degree from an accredited institution, a grade point average of 2.5 either in all his undergraduate work in the social studies or in his prospective social studies area of concentration, and not less
than 30 semester hours of undergraduate credit in social studies. Candidates for the degree must also possess a teacher's certificate for the elementary or secondary level. Students who do not meet these qualifications will make up the deficiency.

For completion of the master's degree in social studies, the applicant must present a total of not less than 30 semester hours of graduate credit distributed as follows:

1. Twelve semester hours in one social studies area of concentration (economics, history, political science, sociology and such geography courses as are classed as social sciences).
2. Twelve semester hours to be selected from at least two of the social studies areas other than his area of concentration.
3. Six elective semester hours of graduate work. The elective hours may be social studies or any other graduate courses offered by the University.
4. All course elections must be approved by the departmental graduate adviser.

The departmental graduate adviser is Dr. H. R. King, 701-M Pray Harrold Building.
The Master of Arts Degree

The Graduate Advisory Committee of the department (henceforth referred to as the Graduate Committee) will consider admission to the program after assigning each student to an adviser.

I. Requirements for admission to the program:
   A. admission to the Graduate School
   B. a strong undergraduate major in mathematics comparable to that offered at Eastern Michigan University; students without such a major may be admitted to the program after meeting requirements specified by the Graduate Committee.
   C. acceptance by the Graduate Committee after individual consultation with member(s) of the Committee.

II. Degree requirements
   A. The Graduate Committee, after consultation with the student, will recommend that a minimum of 30 semester hours credit beyond the bachelor’s degree be divided in one of the following two ways:
      1. a. a minimum of 24 semester hours in mathematics, including at least one course each in algebra, analysis and geometry.
         b. six semester hours in courses outside the Mathematics Department
      2. a. a minimum of 20 semester hours in mathematics, including at least one course each in algebra, analysis and geometry
         b. four semester hours in methods or history of mathematics and methods
         c. six semester hours in courses outside the Mathematics Department
   B. approval by the Graduate Committee of each semester’s courses
   C. final recommendation for the degree by the Graduate Committee

Students seeking a Master of Arts in mathematics and having a primary interest in computing and numerical analysis should take the following suggested courses: Such students should have credit for a first course in computer programming and the equivalent of 420 or 425 before entering the program. They should then complete 337, 416 or 418, 436 or MTH 537, 437, MTH 511 and MTH 512. The remaining courses should be chosen from the following list, unless written permission for each deviation is obtained from the student’s assigned faculty adviser: 321, 402, 421, 426, 470, 471, MTH 506, MTH 526, MTH 527, MTH 528, MTH 546, MTH 574, MTH 575, MTH 576, MTH 577. The following courses may be elected for graduate credit and course descriptions may be found in the undergraduate catalog: 321, 337, 400, 402, 403, 411, 414, 416, 418, 420, 421, 423, 425, 426, 436, 437, 441, 445, 446, 470, 471, 491, 492.

For further details, contact Dr. Robert S. Pate, head of the Mathematics Department.
Curriculums leading to the Master of Arts degree are offered in choral conducting, music education, music literature, music theory-literature and performance. All curriculums are designed to expand musicianship and to make available the most recent developments in music and the teaching of music. Each program leading to the master's degree in music is based upon a minimum of 30 semester hours, including 24 hours in music and six hours of cognate courses outside the Department of Music.

The Department of Music recently participated in the Institute for Music in Contemporary Education, sponsored by the Ford Foundation, and the Music Educators National Conference. The department is currently revising curriculums and developing new programs for the master's degree in music. All music curriculums are accredited by the National Association of Schools of Music.

ADMISSION

Application for admission should be made to the Graduate School, where undergraduate transcripts are evaluated. Transcripts should be forwarded directly to the Graduate School at the time of application. In addition, students wishing to major in performance should send a tape to the Department of Music or write for information on auditions. Admission is based upon an undergraduate degree in music or its equivalent.

Upon entering the Department of Music, each student is assigned to an adviser who assists in planning a curriculum based on student needs and future plans. Admission to a specific music degree program is contingent upon the successful completion of six credit hours of graduate study in music at Eastern Michigan University. After completing six credit hours, the student requests permission to pursue one of the music degree programs. Requests should be directed to the chairman of the Graduate Committee of the Department of Music.

Placement tests in theory-literature-history and performance are given each semester, and students are expected to complete these tests before decisions on course selections are made. The results of the placement tests are used by advisers in determining the course needs of students. Students with deficiencies may be required to take remedial courses without graduate credit.

CANDIDACY

A student is eligible to petition for candidacy in a degree program when he:
1) has completed 12 semester hours of graduate work on the program, with at least six hours in courses taken at Eastern Michigan University,
2) has a cumulative grade point average of 5.00 (B) in courses taken at this University,
3) has met any special requirements for candidacy status established by the College and the degree program area.

The completion of 12 graduate credits in a degree program does not guarantee
admission to candidacy. All petitions for candidacy must be approved by the area in which the student is pursuing graduate study. Petitions are approved when a student has met the specific requirements for candidacy and has demonstrated the competence to successfully complete more advanced study.

A final recital, thesis or composition with supporting paper is required in each degree program.

FELLOWSHIPS AND ASSISTANTSHIPS

A number of assistantships, averaging $2500 for two semesters, are available for outstanding students. These include laboratory assistantships in theory and music education, teaching assistantships in history of music, occasionally in theory, and in a number of performance areas, including accompaniment. Assistantships entail approximately ten hours of work a week; some provide apprenticeship work in connection with the Contemporary Music Project.

Applications should be sent in the form of a letter to the chairman of the Graduate Committee of the Department of Music.

AUDITIONS AND PLACEMENT TESTS

Auditions and placement tests for admission to the graduate music program will be held in the year 1972-73 on the following dates:

Fall Semester
  September 2, 1972

Winter Semester
  January 6, 1973

Summer
  June 24, 1973
The Department of Physics and Astronomy offers three programs leading to a master's degree.

1. **THE PHYSICS PROGRAM** is designed to prepare students for advanced graduate study in physics, for a professional career in physics or for a teaching career in physics at the community college level. Those entering this program should have an undergraduate major in physics or be prepared to take courses without credit to achieve an equivalent to the major. Graduation requirements include an undergraduate and graduate combined total of 50 approved semester hours in physics and 22 approved semester hours in mathematics, as well as a research problem culminating in a written thesis and satisfactory performance in an oral examination. Further information may be obtained from Dr. Walter Gessert or Dr. Robert Silver, graduate advisers, Department of Physics and Astronomy.

2. **THE PHYSICS EDUCATION PROGRAM** is designed to improve the preparation of secondary school physics teachers. Those entering the program should have at least an undergraduate physics minor together with appropriate mathematics. Admission is restricted to either in-service teachers or to those intending to enter the teaching profession. Graduation requirements include an undergraduate and graduate combined total of 44 approved semester hours work in physics and astronomy and 16 approved semester hours of mathematics, as well as an essay in physics, physics history, or the teaching of physics, and satisfactory performance in an oral examination. Further information may be obtained from Dr. Walter Gessert or Dr. Robert Silver, graduate advisers, Department of Physics and Astronomy.

3. **THE GENERAL SCIENCE PROGRAM** is a comprehensive program designed to upgrade the academic and professional preparation of in-service and pre-service junior high and middle school science teachers. Prerequisites for admission to the program include a minimum of 40 semester hours of undergraduate work in science and mathematics with a basic one year course in biology, chemistry, earth science, physics and mathematics, and at least a minor in one of these areas. Graduation requirements include teaching experience or completion of state certification requirements, and the completion of a minimum of 70 semester hours (graduate and undergraduate combined) of approved work in science and mathematics, with 20 semester hour concentrations in two science areas. Further information may be obtained from Dr. Charles B. Breedlove, general science adviser, Department of Physics and Astronomy.

A limited number of graduate assistantships are available in the department. Normally persons holding these assistantships do an equivalent of 20 hours of work per week for the department in assignments which may include the teaching of laboratory sections, paper grading, preparation in care of lecture and laboratory equipment and similar duties. Applications for these assistantships may be obtained by writing to the department head.
At this time there is no graduate program in political science. Graduate courses in this area are available and a major emphasis can be developed in political science through the Master of Arts in social studies degree program. Information on this program is listed under "History and Social Sciences."
The Department of Psychology offers graduate programs leading to the Master of Science degree with emphasis in general psychology, the teaching of psychology and clinical psychology. The curriculum is designed to produce a master’s-level psychologist with general knowledge of psychology that includes a variety of content areas, research methodologies and theoretical formulations. Students completing these programs should be able to:

1. Continue their training in doctoral programs.
2. Take teaching positions in community and four year colleges.
3. Gain employment in a wide variety of industrial and institutional settings.

ADMISSION REQUIREMENTS

Admission to the graduate program of the Psychology Department is available to those students who meet the requirements of both the Graduate School of Eastern Michigan University and the Department of Psychology. The primary criterion on which the selection is made is the promise of successful completion of the program requirements based on previous academic performance and acceptable scores on the Graduate Record Examination.

To qualify for degree admission status in the graduate program in psychology the student must:

1. Meet the academic requirements for admission to the Graduate School.
2. Present a minimum of 20 semester hours of credit in psychology, including courses in statistics and experimental psychology.
3. Present an academic record of good quality (approximately “B” average or better).
4. Submit a transcript of scores from the Graduate Records Examination which include the Verbal, Quantitative and the Advanced (Psychology) tests.

Students who desire to begin graduate studies, but do not satisfy the above requirements at the time of asking application, should request a Non-Degree Admission status in the Graduate School. Application to the psychology program should be deferred until the stated requirements can be satisfied. Credits earned under non-degree status do not automatically apply to the requirements of the degree program.

Applications should be submitted to the Graduate School in accordance with the instructions prescribed in this catalog.

FINANCIAL ASSISTANCE

Graduate assistantships are available to a limited number of graduate students. The assistantships require 20 hours of work per week for a stipend of $2700. Graduate assistants are not permitted to accept other employment during the contract period. These assistantships are awarded on the basis of academic achievement, demonstrated abilities, previous work experience and departmental needs. Applications for graduate assistantships should be made
directly to the Chairman, Committee on Graduate Studies, Department of Psychology.

PROGRAM REQUIREMENTS

The Master of Science degree in general psychology requires the completion of thirty graduate credits, twenty-four credits in psychology, plus six credits in a cognate area. The specific program of each student is designed in consultation with the graduate adviser. This program must be approved by the graduate adviser before the student may enroll for course credit.

The requirements outlined below provide the basic guidelines within which students' programs are developed.

1. Core Requirement (nine sem hours)
   - PSY 600 Psychological Statistics I  Three sem hours
   - PSY 620 Learning  Three sem hours
   - PSY 646 Personality: Theory and Research  Three sem hours

2. One course from both Groups A and B
   - **Group A (Three sem hours)**
     - PSY 601 Psychological Statistics II  Three sem hours
     - PSY 605 Research Design  Three sem hours
     - PSY 623 Experimental Analysis of Behavior  Three sem hours
     - PSY 626 Motivation and Emotion  Three sem hours
     - PSY 629 Physiological Psychology  Three sem hours
     - PSY 632 Sensation and Perception  Three sem hours
   - **Group B (Three sem hours)**
     - PSY 635 Cognitive Processes  Three sem hours
     - PSY 637 Social Psychology  Three sem hours
     - PSY 640 Developmental Psychology  Three sem hours
     - PSY 643 Psychopathology  Three sem hours
     - PSY 650 Clinical Psychology  Three sem hours
     - PSY 660 Theory of Psychological Testing  Three sem hours

3. Electives (12 sem hours)
   - Psychology courses within the department  Six sem hours
   - Cognate courses from outside the department  Six sem hours

4. Thesis (PSY 692)
   - Original research designed and completed by the student under the guidance of his/her thesis committee

5. Comprehensive Examination

TEACHING EMPHASIS

In addition to completing the basic program requirements, students wishing to prepare for teaching positions in psychology will be required to participate in a practicum experience in teaching psychology either as a teaching assistant
at Eastern Michigan University or in a school or college setting under supervision.

**CLINICAL EMPHASIS**

This program offers specific training for the development of knowledge and skills required of the master's-level clinician functioning in a variety of institutional mental health settings.

The program objective is to produce graduates capable of recognizing, assessing and ameliorating client problems under the supervision of doctoral-level clinical psychologists. It is intended that the graduate will be able to undertake and complete research problems typically found in the clinical setting. The practicum experiences are designed to provide opportunities to develop a variety of skills in assessment, diagnosis, psychotherapy and research commensurate with the master's level of training, and to provide the opportunity for professional growth through interaction with professional people from the various allied areas, such as medicine, social work, psychiatry and public health.

This program requires the completion of forty-five (45) graduate credits consisting of the basic master's course requirements, plus nine (9) credits in clinical assessment courses which include Psychology 662, 663, 670 and 671, and six (6) credits in practicums. The research project completed as a part of the second practicum experience replaces the thesis requirement. Preliminary preclinical practicum experience, not included in the six credit hours of practicum, may be required of certain students, if in the judgement of the clinical faculty, such experience is necessary to prepare the student to take best advantage of the practicum experience.

**Specialist in School Psychology**

**PURPOSE AND OBJECTIVES**

This program is designed to prepare individuals as school psychologists to:

A. prepare individuals to serve as psychological examiners in state approved programs;

B. prepare individuals to complete psychological evaluations, including diagnosis and development of appropriate educational recommendations;

C. develop knowledge of community and school mental health resources and remedial programs;

D. develop leadership in promoting an understanding of special education needs to appropriate administrative staff.

**PROGRAM**

This program is an interdisciplinary effort between the Departments of Psychology, Educational Psychology and Special Education. It is coordinated through the Department of Psychology.

Course work and educational experiences are designed to provide a depth of understanding and ability in evaluation and diagnosis, instructional methods and
programs, communication skills, administration and organization, community resources, research and group work.

ADMISSION

Admission to the program is based upon:
A. meeting minimal graduate school standards.
B. minimum undergraduate grade point average of 2.75 on a 4.0 scale.
C. an undergraduate background in psychology, educational psychology or special education.
D. successful past professional experience in psychology, special education or education.
E. the GRE general aptitude and advanced tests in psychology and education.
F. letters of recommendation.
SOCIOMETRY

Admission Requirements

1. Admission to the Graduate School of the University.
2. Students should have an undergraduate major or minor in sociology with courses in statistics, methodology and theory. Students lacking this background will be required to make up deficiencies in their preparation.
3. A grade point average of 3.00 (B) is desirable.
4. Scores on the Graduate Record Examination if required.
5. Recommendation of the Graduate Committee in Sociology.

Admission to Candidacy for a Degree

With the completion of 12 hours of graduate credit including at least nine in sociology, the department will transmit a recommendation to the dean of the graduate school.

Course Requirements

<table>
<thead>
<tr>
<th>Course Requirements</th>
<th>Semester Hours</th>
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<tbody>
<tr>
<td>1. SOC 530 Advanced Social Statistics</td>
<td>3</td>
</tr>
<tr>
<td>SOC 535 Advanced Methods in Sociological Research</td>
<td>3</td>
</tr>
<tr>
<td>SOC 540 Advanced Sociological Theory</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>2. Additional graduate sociology electives as approved by graduate adviser</td>
<td>9</td>
</tr>
<tr>
<td>in the Sociology Department</td>
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</tr>
<tr>
<td>3. Independent study or thesis credit</td>
<td>4</td>
</tr>
<tr>
<td>4. At least one seminar (Sociology 596). The specific seminar(s) selected to be</td>
<td>2</td>
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<tr>
<td>approved by the graduate adviser</td>
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<tr>
<td>5. Cognate courses in other fields, as approved by graduate adviser</td>
<td>6</td>
</tr>
<tr>
<td>in the Sociology Department</td>
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<td>30*</td>
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</table>

All graduate students in sociology are required to have their program approved by the graduate adviser in the Sociology Department prior to registration each semester.

Thesis Requirement

Each student is required to write a thesis as part of the Master of Arts program in sociology (four hours of the graduate program are set aside for thesis preparation). The subject of the thesis is determined by the student and

*NOTE: Courses required to make up deficiencies in sociology will be arranged with the graduate adviser in the Sociology Department and will be above and beyond (and sometimes prior to) these 30 hours of requirements.
his advisers in light of the special interests of the student. The completed thesis must be approved by the department.

Financial Aid
A number of graduate assistantships and teaching fellowships are available.

Information
Any queries about the Master of Arts program in sociology should be addressed to the graduate adviser in the Department of Sociology.
The Department of Speech and Dramatic Arts provides the following program of graduate study leading to the Master of Arts in speech and dramatic arts.

I. Objectives:
A. To provide advanced preparation both for the teaching of speech and dramatic arts and for other communication related pursuits;
B. To provide preparation for further study of advanced graduate work in speech and dramatic arts.

II. Requirements for Admission:
A. Undergraduate major or minor in speech and/or dramatic arts;
B. Regular admission to the Graduate School as described elsewhere in this catalog;
C. Regular admission to the department by the Graduate Committee of the Department of Speech and Dramatic Arts.

III. Course of Study:
A. The completion of a minimum of 30 hours beyond the bachelor's degree;
B. Course work to include training in research approaches and resources in speech and dramatic arts; an interdepartmental cognate; a possible intradepartmental cognate in communication-public address, dramatic arts, broadcasting, oral interpretation or speech science and pedagogy; and a choice of emphasis either in communication-public address or dramatic arts.

IV. Graduate Assistantships:
A. Each year a limited number of graduate assistantships and teaching fellowships are awarded by the department to students possessing excellent background in speech and dramatic arts and at least a B average in their overall undergraduate work. Such students normally assist in teaching one of the basic courses in the department and/or with supervision of one of the activities.

V. Graduation Requirements:
A. The completion of all conditions stipulated upon entry into the program;
B. The attainment of a 5.0 (B) average in all course work;
C. Either the successful completion of a terminal qualifying examination covering communication-public address or dramatic arts and selected cognates or the submission and defense of a thesis.

For further information about the graduate program in speech and dramatic arts, contact Department Head, Speech and Dramatic Arts, 124 Quirk Building.
COLLEGE OF BUSINESS

DEAN: Earl A. Roth

DEPARTMENTS
Accounting and Finance
Business Education
General Business
Management
Marketing
GRADUATE PROGRAMS
IN BUSINESS

Two graduate programs are offered, one leading to the Master of Business Administration (MBA) degree, and the other to the Master of Business Education (MBE) degree. The former provides professional preparation for business; the latter for teaching of business subjects at secondary and community college levels.

Admission to Graduate Programs

1. A baccalaureate degree from an accredited institution.
2. An undergraduate record of above average quality.
3. Scores on Admission Test for Graduate Study in Business.
4. Six semester hours of undergraduate study each in accounting, economics, management, marketing and three semester hours each in computer science, finance and statistics. Additional preparation in economic theory, statistics and mathematics (calculus), is recommended. Applicants with non-business degrees are required to remove these deficiencies by completing a maximum of 24 semester hours of graduate study in foundation courses.
5. Foreign students must provide scores on the Test of English as a foreign language, or equivalent.

Master of Business Administration

Program Objectives

The primary purpose of the Master of Business Administration degree program is to provide men and women with high-level, professional preparation required for successful careers in business, industry and public service. The program is designed to establish a broad understanding of the business function, its relation to society as a whole and to provide sufficient specialization for the student to perform in a specific job area.

Length of Program

Under normal conditions, students with business administration degrees may complete the program in one calendar year. For graduates with non-business degrees, Eastern Michigan offers a series of graduate level courses (foundation) to meet undergraduate course requirements.

The MBA degree program or foundation classes may be started at any regular enrollment period—fall, winter, spring or summer.
Foundation Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accounting 501</td>
<td>(3)</td>
<td>Statistics (GBS) 501</td>
<td>(3)</td>
</tr>
<tr>
<td>Finance 502</td>
<td>(3)</td>
<td>Computers (GBS) 502</td>
<td>(3)</td>
</tr>
<tr>
<td>Marketing 501</td>
<td>(3)</td>
<td>Macro Theory ECO 501</td>
<td>(3)</td>
</tr>
<tr>
<td>Management 501</td>
<td>(3)</td>
<td>Micro Theory ECO 502</td>
<td>(3)</td>
</tr>
</tbody>
</table>

MBA Program Requirements

The MBA degree program requires a minimum of 30 hours in addition to any undergraduate course requirements.

The maximum class load for a full-time student is 12 hours per semester. An overload is permitted only after a student has demonstrated his ability to achieve an outstanding graduate record at this University. Students working full-time should not take over six hours.

The 30-hour MBA program is divided into three parts: basic disciplines (core) 12 hours, operational areas nine hours and electives or cognates nine hours.

Basic Disciplines (Core)

All MBA students take each of the following courses:

Quantitative Analysis for Business GBS 586 (3)
Managerial Economics GBS 588 (3)
Business in Society MGT 574 (3)
Business Research Techniques MKT 592 (3)

12 Semester Hours

Operational Areas

To meet this requirement, all students select one basic course from each of three of the four operational areas. Students may not select a course in their undergraduate major area to meet this requirement.

Accounting
Finance
Management
Marketing

One class from each of three of the four areas

9 Semester Hours

Area of Concentration (Electives)

An area of concentration may be elected in an operational area, international business, information systems, a combination of business and/or business related (cognate) courses and/or independent study, research or thesis. Each student's undergraduate program will be given full consideration when planning the area of concentration.

9 Semester Hours

Program Requirements (Minimum)

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Semester Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basic Disciplines (core)</td>
<td>12 Sem. hours</td>
</tr>
<tr>
<td>Operational Areas</td>
<td>9 Sem. hours</td>
</tr>
<tr>
<td>Area of Concentration</td>
<td>9 Sem. hours</td>
</tr>
<tr>
<td></td>
<td>30 Sem. hours</td>
</tr>
</tbody>
</table>
A student who has not met all prerequisites must ordinarily complete the equivalent foundation courses before enrolling in MBA level courses. Ordinarily the basic disciplines (core) courses will then be completed followed by the operational area courses, business elective and cognate courses.

To qualify for graduation, a 5.0 GPA must be maintained in all business courses in addition to the required 5.0 GPA in all graduate work.

Master of Business Education

Program Objectives

This graduate program recognizes the need for broadly educated business teachers. It is planned to qualify students for careers in the field of business education in secondary schools and in community colleges. Special opportunity is provided for students wishing to complete academic study required for vocational certification in distributive and office occupations.

Program Requirements (Minimum)  

<table>
<thead>
<tr>
<th>Cultural Background:</th>
<th>Semester Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Science, Humanities, Social Sciences, Music, Art)</td>
<td>6</td>
</tr>
<tr>
<td>Business Administration, Mathematics, Economics</td>
<td>5-9</td>
</tr>
<tr>
<td>Business and Professional Education</td>
<td>15-19</td>
</tr>
</tbody>
</table>

Additional information regarding graduate study in the College of Business may be obtained from special advisers:

**MBA Degree Program:** Academic Advising and Counseling Center  
517 Pray-Harrold Building

**MBE Degree Program:** Department of Business Education  
511 Pray-Harrold Building

Financial Assistance

A limited number of graduate assistantships and teaching fellowships are available for full-time graduate students. Assistantships and teaching fellowships require 20 hours of work per week and carry a stipend of from $2,000 to $3,200 for two semesters. Inquiries regarding these programs should be addressed to the head of the department in which the student intends to specialize.
COLLEGE OF EDUCATION

DEAN: Allen Myers

DEPARTMENTS

Curriculum and Instruction
Educational Leadership
Educational Psychology
Guidance and Counseling
Health, Physical Education and Recreation
Special Education and Occupational Therapy

DIVISIONS

Social Foundations
CURRICULUM
AND INSTRUCTION

The Curriculum and Instruction Department offers six areas of concentration leading to the degree Master of Arts. These are: early childhood education, elementary education, middle school/junior high school teaching, secondary school teaching, secondary curriculum and reading.

**Early Childhood Education**

The area of concentration in early childhood education is designed to further the student's knowledge of the preschool, nursery, kindergarten and primary years. Courses, seminars, workshops and field experiences focus on critical examination of the basic concepts of growth, development and behavior and of the multidimensional aspects of the teacher's role with children, parents, professional colleagues and community. Current practices are evaluated in the light of theoretical foundations and relevant research findings.

**Elementary Education**

The program in elementary education also focuses on basic concepts of the child's growth, development and behavior and on the multidimensional aspects of the teacher's role. The purpose of the program is to provide the increased depth and breadth in theoretical foundations and practical knowledge which insure more effective service as a classroom teacher in the elementary school.

**Middle School/Junior High School Teaching**

The program in middle school/junior high school teaching enriches the foundations work in secondary education while providing opportunity to select courses which enhance understanding of the adolescent and the programs associated with the middle school. Emphasis is placed also on courses which strengthen the teacher's competence in his teaching field.

**Secondary School Teaching**

The program in secondary school teaching enriches the foundations work in secondary education while providing opportunity to select courses which enhance the teacher's understanding of secondary pupils and the secondary school curriculum. Emphasis also is placed on courses which strengthen the teacher's competence in his teaching field.

**Secondary School Curriculum**

The program in secondary school curriculum is designed for those whose professional interests and responsibilities recommend a broad understanding of the current controversies and trends in secondary education and the historical, social and philosophical influences which have shaped the secondary school.
Reading

The program in reading is designed for the professional preparation of classroom teachers, special teachers of reading at both elementary and secondary levels, supervisory reading specialists such as consultants, coordinators and supervisors and specialists for reading clinic positions including clinic directors and reading counselors. The program is consistent with the "Minimum Standards for Professional Training of Reading Specialists" as defined by the International Reading Association. A student can plan a program with his adviser that will enable him to meet the state of Michigan requirements for a reading specialist.

Admission to the Programs

Students are admitted to the Graduate School following satisfactory evaluation of undergraduate records which should be forwarded directly to the Graduate School at the time of application.

The coordinator of graduate advising of the Department of Curriculum and Instruction will assign a program adviser to each student following receipt of the proper records from the Graduate School and acceptance into the department. The student will receive notification of the adviser's name and should arrange a personal interview in order to develop a program of graduate study.
EDUCATIONAL LEADERSHIP

The Department of Educational Leadership offers pre-service and in-service preparation programs in public school, community school and community college administration. Degrees currently offered include:

Master’s - Educational Administration
Specialist’s - Educational Administration

Programs

The master’s program includes:

<table>
<thead>
<tr>
<th>Course Type</th>
<th>Semester Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Administration courses</td>
<td>14 hours</td>
</tr>
<tr>
<td>Education courses</td>
<td>10 hours</td>
</tr>
<tr>
<td>Courses outside College of Education</td>
<td>6 hours</td>
</tr>
<tr>
<td>Total</td>
<td>30 hours</td>
</tr>
</tbody>
</table>

The specialist’s program is a 62 hours program of graduate study and includes the above requirements of the master’s program:

<table>
<thead>
<tr>
<th>Course Type</th>
<th>Semester Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Administration courses</td>
<td>32-34 hours</td>
</tr>
<tr>
<td>Thesis or Internship</td>
<td>6 hours</td>
</tr>
<tr>
<td>Education courses</td>
<td>10-14 hours</td>
</tr>
<tr>
<td>Courses outside College of Education</td>
<td>10-12 hours</td>
</tr>
<tr>
<td>Total</td>
<td>62 hours</td>
</tr>
</tbody>
</table>

Students are expected to be on an official program in educational leadership prior to initial registration for classes. Departmental advisers are encouraged to credit a minimum of work completed previous to the student’s enrollment on an official leadership program. Department regulations not stated in the catalog are available from the student’s adviser.

Admission requirements for a master’s degree:

1. Admission to the Graduate School.
2. A valid undergraduate degree from an accredited four year institution of higher education. (Undergraduates may apply after final semester’s registration is completed.)
3. A 2.5 undergraduate grade point average or a 2.75 undergraduate grade point average for the last 60 hours or a favorable test score.
4. A valid teaching certificate. (See adviser for waiver provisions.)
5. A favorable interview.
Admission requirements for the specialist's program include:

1. Admission to the Graduate School.
2. A valid teaching certificate. (See adviser for waiver provisions.)
3. A year or more of successful educational experience.
4. Three favorable recommendations from supervisors in educational experience.
5. A 2.5 undergraduate grade point average:
   or
   a 2.75 (last 60 hours)
   or
   a favorable test score.
6. A 6.0 graduate grade point average
7. A favorable interview.

Residency requirements for completion of degree:

All educational leadership students must satisfy University residence requirements for degree consideration. In addition, specialist's degree candidates must attend classes for one semester as a full-time student or two consecutive full-time summer sessions.

Course Substitutions

Must be approved by the adviser upon recommendation of the instructor primarily responsible for teaching the course.

Area of Concentration

With the approval of the student's adviser, one course may be substituted from another area if the course is administrative in nature. Such a course cannot carry more than three hours of credit.

Courses Outside the College of Education

A suggested list of courses has been prepared by the department. Other courses not including methods courses may be used in this area if they are approved by the student's adviser.

Internships

A program of on-the-job administrative training under the direction of an experienced public school administrator. Further information is available from the director of internship programs.

Mott Leadership Program

Mott fellowships are available for a one-year study program leading to a master's degree in educational administration with an emphasis on community education.

Graduate Assistantships

One available each year and selected by the department staff. Assists in research, teaching and administration. Also assists the coordinator of advising in processing applicants for admission.
Teaching Fellowships

Available to students on the specialist's program with teaching experience. Assists in the supervision of student teachers, coordination of staff seminars and special assignments in the department.

Advisers

Coordinator of Advising - Doris Kilanski
Advisers - Master's Program
  G. Brower, D. Fox, J. Minzey, W. Kromer
Advisers - Specialist's Program
  E. Duvall, K. Grinstead
EDUCATIONAL PSYCHOLOGY

The purposes of the Master's degree program in educational psychology are (1) to provide the professional classroom teacher with a broad foundation in the area of human growth and development, learning and educational psychology, measurement and evaluation of learning and personality dynamics, (2) to improve the teacher's competencies and skills in the understanding and the utilization of psychological theories, principles and tools and (3) to provide a foundation for the pursuit of more advanced degrees in educational psychology or in an allied field.

ADVISING AND SELECTION

The Graduate Committee in Educational Psychology is responsible for selection and advisement of graduate students for the programs. The evaluation and modification of the program is also the responsibility of this committee.

Following admission to the Graduate School, each applicant interested in a degree in educational psychology will be screened by the Graduate Committee. Millers Analogies test scores are required. If accepted into the program, each applicant will be assigned to a member of the committee who will serve as his adviser.

COURSE REQUIREMENTS

Foundation courses are designed to broaden and strengthen the student's understanding of the basic areas of education. Courses in the area of concentration will provide specialized competencies. Cognate courses allow each student to strengthen his background in areas of human behavior and related fields, so that he will have a sound basis on which to develop his professional skills.

In planning his program the student and his adviser will take into account the student's vocational goal, and his educational and work experience. The selection of appropriate courses and cognate fields is of utmost importance, if the student is to be maximally ready to assume professional responsibility in this field.

Foundations
- Basic Concepts in Educational Psychology
- Introduction to Research
- Curriculum Foundations
- Statistics I
- Alternates approved by the Graduate Committee

Semester Hours
8 hours

8 hours
Areas of Concentration
Development
Learning and Educational Technology
Personality
Measurement and Research

Courses in One of the Areas of Concentration or an Approved Research Project 6 hours
Cognates (outside of the Department of Educational Psychology) 6 hours
Seminar in Educational Psychology 2 hours

minimum 30 hours

SPECIALIST IN SCHOOL PSYCHOLOGY

The Department of Educational Psychology is cooperating with the Departments of Psychology and Special Education in a program designed to prepare School Psychologists. A complete description of this program is available under "Psychology."

Graduate Committee: Anton Brenner, Thomas Bushey, Marie Dellas, Eugene Haddan, Kishor Wahi (chairman) and Wilbur Williams.
GUIDANCE, COUNSELING and PERSONNEL WORK

Graduate study in the Department of Guidance and Counseling is designed primarily for the professional preparation of elementary and secondary school counselors and college student personnel workers. Specific programs are also designed for individuals in various counseling roles in industry, employment offices, vocational rehabilitation centers, social agencies and other similar settings.

Advanced graduate study is offered which is designed to provide individuals with professional competencies required for leadership roles in guidance and personnel programs. In addition, introductory courses are provided for classroom teachers and graduate students in related fields who wish to acquire basic understandings of guidance practices.

Admission Requirements for the Master's Degree Program

1. Admission to the Graduate School.
2. A valid teaching certificate (elementary and/or secondary)
   or a waiver of this requirement by the department.
3. A 2.25 undergraduate grade point average
   or a 2.5 undergraduate grade point average for the last 60 semester hours.
4. A personal interview with an assigned adviser.

A program adviser will be assigned to each student when his/her records are received from the Graduate School. At this time, the student will be notified of his/her adviser and should arrange for a personal interview. The adviser will assist the student in developing a program of graduate study. All courses and subsequent changes in the program must be approved by the adviser. Persons desiring further clarification of admission requirements should contact Dr. Winton A. Kloosterman, chairman of the advising committee, 13 Boone Hall.

Requirements for the Master's Degree Program

The master's degree program consists of three major components which include foundation courses, a major concentration in guidance and counseling and cognate courses in the behavioral sciences. The following outline describes the general program requirements which lead to a minimum program of 32 semester hours of graduate study:

A. Foundation Courses

   EDP 521 Educational Statistics (required)

   Other approved courses from the area of educational psychology, educational leadership, curriculum and instruction and social foundations.
B. Concentration in Guidance and Counseling

1. Core requirements
   - G&C 500  Introduction to Guidance and Counseling
   - or
   - G&C 501  Guidance in the Elementary School
   - G&C 510  Counseling Principles and Practices
   - G&C 520  Standardized Group Testing
   - G&C 540  Group Guidance
   - G&C 680  Counseling Practicum I
   - G&C 696  Seminar in Guidance/College Personnel Work

   16 sem hours minimum

2. Electives
   These guidance and counseling courses are selected with the approval of the adviser and reflect the student’s professional objectives (ex. elementary school counseling, secondary school counseling, college personnel work).

C. Cognate Courses
   6 sem hours minimum

These courses are selected from the behavioral sciences and are intended to strengthen the student’s background in individual development and social conditions. Such courses are usually taken in the departments of psychology, sociology, economics and special education.

Admission Requirements for the Specialist’s Degree Program

1. Admission to the Graduate School.
2. A master’s degree in guidance and counseling or its equivalent from an accredited institution.
3. A 6.0 graduate grade point average.
4. A valid teaching certificate or a waiver of this requirement by the department.
5. Evidence of successful experience in a helping profession.
6. Submission of scores on the Miller Analogies Test or the general and verbal sections of the Graduate Record Exam.
7. Two letters of recommendation, one of which is from an immediate supervisor.
8. A personal interview with an assigned adviser.

The graduate admissions committee in the Department of Guidance and Counseling makes final admission decisions consistent with the needs of the profession and the ability of the department to effectively train its students at this advanced level of graduate study. Prior to application to this program, students should contact Dr. Winton A. Kloosterman, chairman of the advising committee, or Dr. John G. Pappas, department head, 13 Boone Hall.

Requirements for the Specialist’s Degree Program

The Specialist in Arts degree program requires a minimum of 33 semester hours
beyond the master’s degree. Students work closely with their assigned adviser in developing a program which will prepare them for their career goal. The following outline describes the program requirements of the specialist’s degree program.

A. Foundation Courses 6 sem hours

This requirement is designed to provide the counselor with greater ability to relate to the total functioning of his work setting. It is also designed to insure that the counselor has sufficient research skills to successfully pursue the graduate study demanded by an advanced program. Therefore, all students are required to take EDP 592 Research Techniques for one of these experiences.

B. Area of Concentration 17-23 sem hours

1. Didactic Courses (10-14 sem hours)
   - G&C 610 Theories of Counseling
   - G&C 650 Organization and Administration of Guidance and Personnel Services
   - Electives - 600 level graduate courses in Guidance and Counseling

2. Supervised Experiences (4-6 sem hours)
   - G&C 685 Counseling Practicum II
   - G&C 686 Supervision of Counseling Practicum
   - G&C 681 Field Work in Guidance and Personnel Work

3. Specialist’s Report (3 sem hours)

C. Cognate Courses 8-12 sem hours

These courses should be elected to strengthen the counselor’s background and understanding in the social and behavioral sciences related to guidance and counseling. Courses in such areas as psychology, sociology, special education, educational leadership, economics and business management are of special value in this component of the program.
HEALTH, PHYSICAL EDUCATION and RECREATION

The primary aim of the master's degree in physical education is to assist the individual graduate student in the proper utilization of all his classroom and practical experiences in such a way as to afford optimum effectiveness in teaching/coaching.

OBJECTIVES

1. To provide a background of knowledge and experiences which would allow the teacher to further develop competencies in the areas of physical education and athletics.
2. To provide opportunities for the acquisition of knowledge in greater depth in the areas of teaching as selected by the individual student.
3. To provide for the acquisition of skills, knowledge and experiences in deficient undergraduate areas which would enhance a person's ability to teach more effectively.

ADMISSION REQUIREMENTS

1. A baccalaureate degree from an accredited institution.
2. A major, minor or the equivalent in physical education or one of the associated areas.
3. A minimum of eight (8) semester hours in the basic sciences and one (1) course in evaluation.

DEGREE REQUIREMENTS

1. Must have earned a minimum of 30 semester hours of graduate credit applicable to the program.
2. Must have completed a minimum of 20 semester hours of acceptable graduate credit in H.P.E.R. Each candidate must take 5-6 required classes in the core program and complete the total hours through electives.
3. Must have completed not less than six (6) hours of elective cognate courses outside the department.
4. Must receive the recommendation of the department graduate adviser and graduate coordinator.

TEACHING FELLOWSHIPS

A limited number of these positions are available to qualified individuals to teach in the general service program. Applications may be submitted in November and the selections are made the following March.
CURRICULUM REQUIREMENTS

Candidates will have the responsibility of scheduling conferences with their graduate H.P.E.R. adviser to complete the following:

1. CORE CLASSES .................................................. 12 hours
   a. PED 585 Physical Education in Elementary Schools
   or
   PED 586 Physical Education in Secondary Schools
   b. PED 587 Philosophy of Physical Education
   c. PED 588 Administrative Problems in Physical Education
   d. PED 589 Advanced Physical Testing
   e. PED 592 Research Techniques
   f. PED 598 Independent Study

2. PROFESSIONAL CLASSES (electives in H.P.E.R.) .............. 12 hours

3. COGNATE CLASSES (electives outside H.P.E.R.) ............. 6 hours

GRADUATE ADVISER IN H.P.E.R.

For further information concerning graduate work in H.P.E.R. contact:
Dr. John E. Sheard
Department of H.P.E.R.
SOCIAL FOUNDATIONS DIVISION

The master's program in the social foundations of education is designed to complement the education a teacher receives at the undergraduate level. It is comprised of a series of courses giving fuller understanding of the society and culture in which the school operates. It is a basic objective of this program to provide a deeper understanding of the social forces conditioning the individual in his relationship with others. In the strict sense, this is not a program preparing the student for a specific position; it is intended to provide the student with a broader experience in the major areas of anthropology of education, comparative education, history of education, philosophy of education and sociology of education.

Admission to the program requires that the applicant hold a baccalaureate degree from an accredited institution and valid teaching certificate, and has been granted admission to the Graduate School of Eastern Michigan University.

Emphasis is placed upon developing an individual course of study for each student within a general framework which calls for earning a minimum of 30 semester hours of graduate credit. The course work, in general, will be distributed to provide for six hours of study in foundations courses in other areas of education. At least fourteen hours will be distributed among courses in social foundations of education; in some instances, these hours may include relevant courses from the social sciences. The remaining ten hours of credit are elective. Of the total thirty hours, at least six semester hours must be earned outside of education. Eight hours of credit in social foundations courses must be completed during the first twelve to sixteen hours of study for the master's degree.

The Graduate Committee of Social Foundations will adjudicate all student appeals for exception from program policies or faculty interpretations of those policies when requested in writing by the student. The adviser's recommendations concerning admission and the proposed course of study will be reviewed and acted upon by the full faculty of the Social Foundations Division.

Inquiries about the program should be directed to Dr. Calvin Michael, chairman, Social Foundations Division, Education Department, Eastern Michigan University.
SPECIAL EDUCATION and OCCUPATIONAL THERAPY

The Graduate School at Eastern Michigan University offers a program leading to a master's degree, specialist's degree or state certification in most fields of specialization. Persons participating in this program may utilize a variety of approaches and experiences in fulfilling the needed requirements. These avenues of learning may include course work, field studies, workshops, independent studies, internships, seminars and/or research projects.

The objectives of the graduate program in special education are to develop added proficiency in classroom teaching; to acquire a more comprehensive understanding of children; to improve the student’s knowledge of diagnostic procedures, enabling him to more readily recognize the problems and needs of exceptional children; to provide experiences in all areas of exceptionality, in order that the student may perceive the total picture of exceptionality; to provide foundations upon which to build administrative techniques and procedures; to provide the needed course work and experiences necessary to meet state requirements for certification for teaching in a chosen area of special education.

Master's degree students wishing to qualify for teaching in an area of special education (i.e., mentally retarded, orthopedically handicapped, deaf and hard of hearing, emotionally disturbed, visually handicapped or speech correction) and who already hold a state teaching certificate, may pursue a certification program on the graduate's level. Those who have obtained certification on an undergraduate level are encouraged to further their understanding of a particular area of specialization, or to obtain additional knowledge in one or more areas of specialization. The minimum degree requirements do not guarantee certification, and the meeting of certification standards should not be construed as the completion of the University’s special education equivalents, or the completion of degree requirements. Each student's program is planned on an individual basis, and should be arranged with the advice and help of a departmental counselor.

Applications for graduate studies in special education, on a master's degree level, requires that the student be admitted to the University Graduate School. Applications for admission to the Graduate School may be obtained from the Graduate School or the Department of Special Education. Upon admission the student should contact the Special Education Department for general advising, programming and assignment to an academic adviser in his preferred area. The program of each student is individually suited to his particular needs.

The specialist program is open to qualified students who have met certification standards, have teaching experience and possess a master's degree. Three general areas are emphasized at this level of study: administration and supervision, curriculum development and individualized instruction. Curriculum requirements include a general core of theoretical and specialized courses, seminars, independent studies and an internship in the field of
interest and specialty. The specialist curriculum is open to a maximum of 25 active enrollees at any one time during the academic year.

The Department of Special Education is also cooperating with the Department of Psychology and Educational Psychology to prepare people to be school psychologists. This specialist program is described more completely under "Psychology."

In addition to the more specific courses that are offered for special education majors, the graduate program offers a number of general courses that are open to the regular classroom teacher and other non-majors. These courses are designed to provide a student with a better understanding of the child with problems who might be found in any classroom.

For further information, contact the graduate adviser, Department of Special Education, 487-3302.
APPLIED SCIENCE
DEPARTMENTS

DEPARTMENTS
Home Economics
Industrial Education
HOME ECONOMICS

OBJECTIVES OF A PROGRAM LEADING TO A MASTER’S DEGREE

A program in home economics is designed to:
1. provide additional preparation in professional and cognate areas
2. increase competences in the various areas of home economics for teaching the secondary program
3. enable the student to specialize in an area to prepare for college teaching, business and extension services.

MASTER’S PROGRAMS AVAILABLE IN HOME ECONOMICS

A master’s degree may be earned in:
1. general home economics
   a. minimum of 24 hours in home economics (four-eight hours in four major areas of home economics)
   b. minimum of six hours of cognate courses (outside home economics)
   c. minimum of 30 hours required for the master’s degree
   d. recommended for the applicant who has a minimum of a minor in general home economics
2. specialized area of home economics
   a. minimum of 16 hours in a specialized area
   b. minimum of an additional eight hours in general home economics outside the specialization area
   c. minimum of six hours of cognate courses (outside home economics)
   d. minimum of 30 hours required for the master’s degree
   e. specializations available in clothing, textiles and related arts; family life and child development; foods and nutrition; consumer management; home economics education
   f. recommended for the applicant who has a minimum of a minor in general home economics or the specialized area in home economics or can meet the pre-requisite requirements of courses within the graduate program.

REQUIREMENTS FOR ADMISSION TO A PROGRAM LEADING TO A MASTER’S DEGREE

An applicant for admission must:
1. be admitted to the Graduate School of the University
2. have completed the minimum number of hours or pre-requisites for the general or specialization program
3. maintain a 5.0 (B) average for the first twelve hours of graduate study on the program
4. receive the recommendation of the graduate adviser in the Department of Home Economics.

For further information about the program, contact Dr. Ruby L. Meis, coordinator of graduate advising of the Department of Home Economics, 104-E Welch Hall.
Objectives of a Program Leading to a Master’s Degree

A program in industrial education is designed to:
1. provide advanced preparation in professional, technical and cognate areas
2. increase the competency of a teacher, supervisor or administrator of industrial education in the foundation areas of industry and technology, history and philosophy, curriculum and instruction, research and psychology
3. provide some measure of flexibility in the selection of courses to meet the needs of each student
4. enable a student to acquire a broad knowledge of the literature in industrial education
5. provide a strong foundation for professional advancement and further graduate study.

Requirements for Admission to a Program Leading to a Master’s Degree

An applicant for admission must:
1. be admitted to the Graduate School of the University
2. hold a valid teaching certificate
3. have completed a minimum of 30 hours in industrial education
4. have a 2.25 undergraduate grade point average
5. receive the recommendation of the Graduate Committee in the Department of Industrial Education.

Requirements for Admission to Candidacy to the Master’s Degree Program

An applicant for admission to candidacy must:
1. have completed at least 12, but no more than 18 semester hours of graduate study. All credit must be applicable to the program of study in industrial education.
2. have earned a grade point average of 5.0 (B) for all graduate credit accepted for the master’s degree program.
3. receive the recommendation of his adviser, the Graduate School of the University, and the Graduate Council.

Requirements for Completion of the Master’s Degree Program

An applicant for the master’s degree must:
1. have earned a minimum of 30 semester hours of graduate credit applicable to the program.
2. have earned a minimum of 20 semester hours in industrial education courses and not less than 6 hours in cognate courses.
3. hold a 5.0 (B) grade point average for all graduate credit applicable to the master’s degree program.
4. receive the recommendation of his adviser, the Graduate Committee in the Department of Industrial Education, the Graduate School of the University and the Graduate Council.

Program

The program leading to a Master of Arts degree in industrial education must contain a minimum of 30 semester hours of graduate credit which is subdivided into foundations of industrial education, areas of special concentration in industrial education, a required cognate area in the psychological foundations, elective cognates, and free electives. In terms of semester hours of graduate credit, the hours are distributed as follows: 12 hours (minimum) in the foundations of industrial education, eight hours (maximum) in the areas of special concentration, two hours (minimum) in psychological foundations, four hours (minimum) in elective cognates, and four hours (maximum) in free electives.

For information regarding the previously offered specialist program, contact the coordinator of advising.
RETURN ADDRESS:
GRADUATE SCHOOL
EASTERN MICHIGAN UNIVERSITY
YPISILANTI, MICHIGAN 48197

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