

UNIVERSITY OF MICHIGAN  
OFFICIAL PUBLICATION

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GRADUATE DIVISION

Michigan State Normal  
College

Announcement • 1949-50

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GRADUATE DIVISION  
**Michigan State Normal College**

YPSILANTI, MICHIGAN

in co-operation with

THE HORACE H. RACKHAM SCHOOL  
OF GRADUATE STUDIES  
UNIVERSITY OF MICHIGAN

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*Announcement, 1949-50*

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**GENERAL STATEMENT**

THE Board of Regents of the University of Michigan in July, 1938, passed a resolution approving a formal request from the State Board of Education that the University of Michigan co-operate with the three Michigan Teachers Colleges and Michigan State Normal College in planning a program of graduate instruction. According to the action, a Graduate Division, organized and administered in co-operation with the University, has been set up at each of the three teachers colleges and at Michigan State Normal College. Since, by action of the legislature in 1941, the names of the three teachers colleges were changed to Colleges of Education, reference to them in subsequent discussion will be to Colleges of Education instead of to teachers colleges. Furthermore, the term Colleges of Education will refer to all four institutions: Central Michigan College of Education, Northern Michigan College of Education, Western Michigan College of Education, and Michigan State Normal College. All courses given in a Graduate Division of a College of Education are offered by staff members of the University of Michigan and by such staff members of the Colleges of Education as have been given the status of graduate lecturer by the Executive Board of the Graduate School of the University. All courses given in a Graduate Division constitute a part of the regular program of instruction of the University and carry both course and residence credit toward the master's degree. Three types of courses are offered: (1) courses for graduate students only; (2) courses designed for graduate students, but open to well-qualified seniors; (3) senior courses to which graduate students may be admitted, provided extra work is required. All types of courses are approved by the Executive Board of the Graduate School, and in programs of work for all students at least half of the work elected must be in courses open to graduate students only.

## ORGANIZATION

The graduate courses for which credit will be given have been selected through co-operation of the Advisory Council of the Colleges of Education and the Graduate Adviser to the Colleges of Education from the University, but these courses are under the control of the Executive Board of the Graduate School of the University of Michigan. The work is conducted as a part of the regular program of the Graduate School. All matters relating to the work should be addressed to the Dean of the Horace H. Rackham School of Graduate Studies, University of Michigan, Ann Arbor, Michigan.

## ADMISSION

Admission is open to students who hold the bachelor's degree, or its equivalent, from schools of recognized standing, and who are otherwise qualified to profit by the work offered.

All matters relating to admission must be taken up by correspondence with the Graduate School of the University of Michigan at least one month in advance of the time of registration. Otherwise, students desiring admission to graduate study will encounter delay in completing their registration, since the office of admissions is at the University of Michigan and not on the campuses of the Colleges of Education.

A student seeking admission must comply with the regulations of the Graduate School, which are as follows:

1. Applications for admission and transcripts of previous work must be in the office of the Graduate School, Ann Arbor, by June 1 for the summer session, by September 1 for the fall semester, and by January 1 for the spring semester, 1949-50. The transcripts should specify degrees obtained, courses completed, scholarship grades attained, and the basis of grading. The applicant for admission, at the time of forwarding his transcripts, should indicate the Graduate Division of the particular College of Education which he wishes to attend. One of the official transcripts submitted will be retained in the Office of the Graduate School at the University; the other transcript will be forwarded for filing to the Chairman of the Advisory Council of the Graduate Division in the specified College of Education.

2. A student who wishes to become an applicant for an advanced degree must indicate a field of specialization in his request for admission to graduate study; a student who is not an applicant for a degree is held to no special requirement, but he must furnish evidence of graduation from a recognized college.

## COURSE REQUIREMENTS

Every student planning to work toward a degree is expected to acquire an intimate knowledge of his field of study and the methods employed in that field so that he will be able to approach his subject in an independent and critical spirit. A mere accumulation of credits is not advisable. A student should have in view a fairly complete program of studies before enrolling in the courses offered. The Chairman and other members of the Advisory Council in the Colleges of Education will assist the student in formulating his program and recording it in duplicate on the schedule of study blanks, which must be reviewed by the Graduate Adviser to the Colleges of Education from the University and submitted by him to the Dean of the Graduate School for approval. One copy of the schedule of study blank will be filed in the Office of the Graduate School at the University; the other copy, in the Office of the Chairman of the Advisory Council of the Graduate Division in the given College of Education. Alterations in the program resulting from the dropping or adding of courses must receive approval in similar fashion.

The Graduate Divisions of the Colleges of Education will follow general regulations governing programs of work and the election of courses such as exist in the Graduate School of the University. In most cases it will be well for the student to ascertain whether or not the courses offered at the Colleges of Education will fit into his field of specialization. Such information may be sought through the Graduate School at the University, which office will refer the inquiries, if necessary, to the department of specialization concerned.

## STUDENTS PREVIOUSLY ADMITTED

The courses offered are open not only to students just entering upon a program of advanced study, but also to those who have already completed some of the work for the master's degree at the University. Students should ascertain in advance if the particular courses offered may be included as a part of their master's program. Information may be obtained by writing to the Horace H. Rackham School of Graduate Studies, Ann Arbor.

## DEGREES

All degrees, i.e., Master of Arts and Master of Science, are awarded by the University of Michigan. Students taking work in a

Graduate Division of a College of Education shall be permitted to complete such requirements for a master's degree as may be satisfied by courses offered in that division. A minimum of one summer session of full-time work or at least six hours during a single semester on the campus of the University is required of all applicants for the master's degree. If a student completes as much as three-fourths of the requirements for the degree through courses offered in a Graduate Division of a College of Education, this shall be so indicated on the diploma awarded by the University of Michigan.

### RESIDENCE REQUIREMENT

The minimum amount of credit which must be earned in residence is eighteen hours. The residence requirement may be met by attendance in: (1) one semester and one summer session; (2) three summer sessions; or (3) one semester or two summer sessions, supplemented by courses in constructive residence, i.e., week-end courses or courses in Graduate Study Centers or other extramural units. This requirement applies alike to students enrolled on the campus at the University of Michigan and to those enrolled in the Graduate Divisions of the Michigan Colleges of Education; but for students enrolled in the Graduate Divisions of the Michigan Colleges of Education, at least one of the summer sessions must be on the campus of the University of Michigan. The eighteen-hour minimum residence requirement must be supplemented by acceptable credit to the extent of six hours, which if not also taken in residence may be (a) advanced credit for work taken in a recognized graduate school of another institution, or University of Michigan Extension credit; (b) taken as week-end courses; or (c) any combination of (a) and (b).

### TIME LIMITATION

A student enrolled after September, 1935, must complete the work for the master's degree within six consecutive years after his first enrollment in the Graduate School. The time limit for acquiring the degree will be extended in all cases when a student can present satisfactory evidence that he has been engaged in active government defense service during World War II which prevented him from continuing his graduate work.

### CREDIT REQUIREMENT

The minimum credit requirement for the master's degree (Master of Arts or Master of Science) is twenty-four hours. This minimum

is sufficient, however, only if the student's undergraduate record is satisfactory both as to quality of work done and quantity in relation to the proposed program of graduate work. This minimum also presupposes the preparation of a master's thesis.

## **SUBSTITUTION OF COURSE WORK FOR THESIS**

After a student has completed twelve hours of his graduate work, he may exercise the option of taking six hours of work in lieu of the thesis, thus making the credit requirement thirty hours of work without a thesis. If a student desires to substitute six hours of work in lieu of a thesis, he must obtain a petition blank from the office of the Chairman of the Committee on Graduate Study which must be filled out and returned to that office.

Those who substitute six hours of course work for the thesis must meet a seminar requirement which is one regular seminar or Education B192 or C192. Any student intending to go on for the doctorate must prepare a master's thesis or its equivalent. Usually the courses to be substituted consist of two courses in education and one cognate course.

## **SEMINAR REQUIREMENT**

Insofar as possible, two types of seminars are provided: (a) for those students preparing a master's thesis, and (b) for those not preparing a thesis. Under most circumstances Education B192, or its equivalent, is prerequisite or must be taken simultaneously with either type of seminar. Those not preparing a master's thesis usually elect Education B192 or C192 or one seminar; those preparing a master's thesis, two seminars, although if they complete the thesis in one, some other course may be substituted for the second seminar. Most seminars are specially designed to aid students in bringing the thesis to completion. After consultation with instructors and advisers, students may begin the preparation of the thesis in any one of the several nonseminar courses.

## **SCHOLARSHIP REQUIREMENT**

Students who desire credit must meet all the requirements set by the instructor with reference to attendance, supplementary reading, semester reports, examinations, etc. The master's degree is awarded only to those students who maintain an average of B in all their work.

Hours of D and E grades are used to determine the average grade of each student, but are not included in the number of hours required for the degree. A graduate student will not be allowed credit for a course unless it is completed and reported in the Office of the Graduate School within a year of the official termination of the course.

## PROGRAM OF WORK

For a student devoting full time to graduate study the normal semester load is twelve hours; the maximum program of work allowed during a six-week summer session is six hours. The semester program for students devoting only part time to graduate study and paying the reduced schedule of fees varies from two to nine hours, but no student in part-time attendance who is engaged in full-time teaching or other such employment shall be allowed to elect more than four hours of work during a semester. The program of work for part-time students will be determined by the Director of the Graduate Division according to the proportion of the student's time available for graduate study. In meeting the twenty-four-hour requirement for the master's degree, the following conditions must be met: (1) he must carry a full program of work during one semester (twelve hours) or during two summer sessions (six hours each summer), and in doing so he must meet the residence requirement: that is, he must spend at least one summer, or its equivalent carrying a full-time program on the campus at the University of Michigan; (2) he must earn at least twelve hours in courses restricted to graduate students. A student must complete his master's work within six consecutive years after the first enrollment in the Graduate School.

## REGISTRATION

Registration will be under the direction of the chairman and other members of the Advisory Council of the Colleges of Education, although the Graduate Adviser from the University will be available for conferences with the students during the first week of each semester. Registration for the fall semester for full-time students will be on September 26 and 27; and for off-campus students, Thursday evening, September 29. For the spring semester, registration for full-time students will be February 6 and 7; and for off-campus students, Thursday evening, February 9. No registrations will be accepted after the first meeting of the class.

## FEES

The fee for the six-week summer session is \$35 for Michigan students and \$90 for nonresident students.

The semester fees must be paid in advance, and no student can enter upon his work until after such payment. These fees are payable at the beginning of the first semester in September and at the beginning of the second semester in February. The fees are as follows:  
*Full program fee*—Michigan Residents, \$70; Nonresidents, \$175.  
*Reduced program fees*—Nine hours or fewer is considered a reduced program. Those electing such a program must pay each semester the appropriate fee indicated below.

	MICHIGAN RESIDENTS	NON- RESIDENTS
1 Registration for work on doctoral dissertations, or library privileges, work <i>in absentia</i> , or election of three hours	\$ 25	\$ 65
2 Four hours .....	35	90
3 Five hours .....	40	100
4 Six hours .....	45	115
5 Seven hours .....	50	125
6 Eight hours .....	55	135
7 Nine hours .....	60	145

For students who are within six hours of graduation from one of the Colleges of Education and who enroll in a combination program of graduate and undergraduate work at one of these institutions, the fees are as follows:

1. Undergraduate students who elect ten or more hours in a Graduate Division shall pay the announced fee of \$70 for Michigan residents or \$175 for nonresident students for full-time enrollment in the Graduate School; but no additional fees will be charged for undergraduate work.

2. Undergraduate students who elect less than ten hours in the Graduate Division shall pay the reduced program enrollment fees for the graduate course work to the University of Michigan, and the appropriate undergraduate reduced program fee to the College of Education.

In case of voluntary withdrawals after the beginning of any one semester, refunds are made as follows:

100%—up to two weeks

50%—more than two weeks and less than four weeks

40%—more than four weeks and not later than eight weeks

## HEALTH SERVICE AND OTHER SPECIAL PRIVILEGES

The fee paid by the student allows for a reasonable amount of health service and other privileges, such as are generally offered through the Colleges of Education.

## LIVING EXPENSES

All questions regarding room, board, and other living expenses should be addressed to Registrar Everett L. Marshall, Michigan State Normal College, Ypsilanti, Michigan.

## OTHER INFORMATION

For details concerning other information, see the *Announcements* of the Horace H. Rackham School of Graduate Studies, the School of Education, and the College of Literature, Science, and the Arts; also, the booklet *Advanced Studies in Education* prepared by the School of Education.

Questions not answered in these sources should be addressed to the following persons: concerning admission, transfer of credits, or completion of requirements for graduation, to Ralph A. Sawyer, Dean of the Horace H. Rackham School of Graduate Studies, University of Michigan, Ann Arbor; concerning schedules of study and programs of work, to Harlan C. Koch, Graduate Adviser to the Michigan Colleges of Education, University of Michigan, Ann Arbor; concerning local arrangements, such as class meetings, living expenses, possible courses, etc., to Gerald D. Sanders, Chairman of the Advisory Council, Michigan State Normal College, Ypsilanti, Michigan.

## COURSES OF INSTRUCTION

### FIRST SEMESTER

*For Graduate Students Only*

### EDUCATION

**C107a-MS. Psychology of the Elementary School Subjects.** Language and reading, with special emphasis on remedial reading. Involves the concept of readiness for language and reading, appraisal of methods of teaching, factors which condition success and failure, the measurement and evaluation of achievement, and the techniques of diagnostic and remedial teaching. Intended to be of value not only to elementary school teachers but also to high-school teachers. Th, 6:30-8:00 P.M. Associate Professor HESTER. Two hours credit. Pierce.

**C175-MS. Psychology of Child Development.** A systematic presentation of the facts and generalizations concerning the growth of children from birth to maturity. Emphasizes the child as a whole, with major divisions of the course dealing with physical, mental, social, and emotional development. Th, 8:15-9:45 P.M. Two hours credit. Pierce.

**C225a-MS, C225b-MS. Seminar: Elementary Education.** Designed for students who desire to make an intensive study of some phase of instruction in elementary work. Tu, 4-5:30. Professor LORD. Two hours credit. Rackham 102

**C234-MS. Advanced Course in Psychology of Special Education.** For teachers and supervisors of special education. Stresses the experimental studies dealing with the nature of mental involvements of handicapped children. Consideration will be given to effects of physical handicaps, motor re-education, glandular involvements, intellectual and emotional processes in learning situations. MW, 2-3. Professor LORD. Two hours credit. Rackham 102.

**C240a-MS. Seminar in Special Education.** The intensive study of a particular phase of special education or development, on the basis of psychological analysis of some form of atyp, of a piece of research pertaining to the student's particular interest. Master's theses may be started in this course. A student not planning to begin a thesis will be expected to complete a shorter problem of research. Tu, 4-5:30. Professor LORD. Two hours credit. Rackham 102.

**C260-MS. Measurement and Diagnosis in Special Education.** *Prerequisite: Special Education Cr.* For teachers and supervisors in the field of special education. Emphasis throughout the course will

be on the nature and use of tests and instruments of diagnosis employed with children presenting abnormalities in mental capacity, hearing, vision, speech, and emotional and social adjustment. The course will involve lectures, readings, reports, practice in the administration of various instruments of measurement and diagnosis, and visitation of classes and clinics in the immediate vicinity devoted to the study of various types of disability among children. TuTh, 11-12. Associate Professor GATES. Two hours credit. Rackham 102.

**C330a-MS, C330b-MS, C330c-MS. Specialized Techniques and Practice in Their Application to the Teaching of Exceptional Children.** *Prerequisite: teacher's certificate, Special Education C1 and C130 or equivalent.* Gives prospective teachers and supervisors in the field of special education instruction and practice in the teaching of children with various types of handicaps. A program of study will be arranged for each student according to his needs for effectively teaching a specific type of handicapped child. Hours to be arranged. Professor LORD. Two hours credit. Rackham 102.

*For Graduates and Seniors*

**GEOGRAPHY**

**125-MS. Regions as Geographic Units.** The natural setting, the distribution of people, the important occupations, and the problems of future development in each of the following type regions: grazing, fishing, subsistence hunting, subsistence agriculture, mining, manufacturing, urban and commercial agriculture in its several forms. Special emphasis on types of regions treated in geography textbooks of elementary school level. Th, 6:30-8:00 or hours to be arranged. Professor GLASGOW. Two hours credit. Welch.

SECOND SEMESTER

*For Graduate Students Only*

**EDUCATION**

**B151-MS. Elementary School Administration and Supervision.** The general managerial problems of the elementary school. Open to students of maturity and experience who wish to fit themselves for principalships or supervisorships in grades one to eight. Th, 6:30-8 P.M. Professor KELDER. Two hours credit. Pierce.

**C107b-MS. Psychology of the Elementary School Subjects.** Arithmetic and spelling as they involve the concept of readiness, criteria for the selection of subject matter, analysis of difficulties,

types of errors, measurement and evaluation of teaching, and remedial instruction. Intended for teachers, principals, and supervisors. Th, 8:30-10. Professor GARRISON. Two hours credit. Pierce.

**C225a-MS, C225b-MS. Seminar in Elementary Education.** Designed for students who desire to make an intensive study of some phase of instruction in elementary work. Tu, 4-5:30. Professor LORD. Two hours credit. Rackham 102.

**C240b-MS. Seminar in Special Education.** Intensive study of a particular phase of special education or development, on the basis of psychological analysis of some form of atyp, of a piece of research pertaining to the student's particular interest. Master's theses may be started in this course. A student not planning to begin a thesis will be expected to complete a shorter problem of research. Tu, 4-5:30. Professor LORD. Two hours credit. Rackham 102.

**C330b-MS. Specialized Techniques and Practice in Their Application to the Teaching of Exceptional Children.** Gives prospective teachers and supervisors in the field of special education instruction and practice in the teaching of children with various types of handicaps. A program of study will be arranged for each student according to his needs for effectively teaching a specific type of handicapped child. Hours to be arranged. Professor LORD. Two hours credit. Rackham 102.

**D158-MS. Methods and Materials for Teaching Science in the Elementary Grades.** *Prerequisite: 5 hours of undergraduate science and Education D157, or the equivalent.* Designed to provide for individual analysis in elementary science materials in two or three content areas (birds, insects, light, sound, etc.), according to the individual needs and interests of the student. Such analysis includes a thorough study of basic subject matter; a critical study of grade placement of materials as shown in current texts and courses of study; the organization of two or three comprehensive teaching units designed to be entirely functional in each student's current teaching situation. Provision will be made for students having special science problems, such as those teaching special education and supervising elementary science. Th., 6:30-8 P.M. Associate Professor CURTIS. Two hours credit. Hover 101.

## GEOGRAPHY

**126-MS. Local Regional Geography.** A detailed geographic survey of a community, together with its trade area. Training in the use of the local environment for the teaching of geography in the elementary schools; the use of source materials in local libraries, schools, businesses, and industrial plants; recognition of the features of the natural environment, with stress on physiography and soils. Hours to be arranged. Professor GLASGOW. Two hours credit. Welch.

## ENGLISH

**407-MS. Victorian Prose.** *Prerequisite: four courses of literature.* A study of the chief prose writers of the Victorian period: Macaulay, Carlyle, Newman, Ruskin, Arnold, Pater, Huxley, Stevenson. MWF, 8-9. Associate Professor VIRTUE. Two hours credit. Pierce 208.