

Teacher Education

The Adrian College Teacher Education Program prepares students to meet the State of Michigan teacher certification requirements. Students may seek certification to teach (1) in the elementary grades or in the elementary grades plus grades 6-8 in their major and/or minor area(s); (2) in two or more fields in secondary schools, or (3) K-12 in art; music; physical education; and selected modern languages. Bilingual certification in Spanish is available at either the elementary or secondary level. All prospective candidates in teacher education must seek major and minor departmental guidance regarding programs for certification before beginning their sophomore year.

Students who successfully complete an appropriate required teacher education course of study, and **who successfully complete all required appropriate Michigan Tests for Teacher Certification** will be considered to be program completers. Depending on their subject areas, program completers will be granted the **Bachelor of Arts, Bachelor of Fine Arts or Bachelor of Music Education** degree and will be recommended for certification.

For those students who desire teacher certification in a state other than Michigan, publications outlining standards for certification in each state are available in the department office in North Hall, and in the Career Center in Jones Hall. Such information is also available on-line.

All teacher education courses, with the exception of TED 101, 206, 207, and specific early childhood education courses, require admission to candidacy in the Teacher Education Program or permission of the Teacher Education Department chairperson.

Procedures for Admission to Candidacy in Teacher Education

The preparation of teachers is a commitment of the entire College. The program is based on competence and includes continuous assessment and evaluation of a student's progress by the department and the student. Students progress through the Teacher Education Program in four levels. Students are retained in the program provided they continue to meet candidacy requirements and show promise of becoming successful professional teachers. Students who are withheld or denied admission to the Teacher Education Program may appeal to the Committee on Candidacy in Teacher Education for reconsideration.

The following policy governs preparation and progress through the Teacher Education Department:

Level One:

1. Prior to admission to Level One of the Teacher Education Program, students must have an overall grade point average of 2.7 or greater and grade point averages of 2.5 or greater in all majors and/or minors. They must also earn a grade of C- or better in all required courses in their certification major(s) and minor(s) and in all teacher education courses. Special waivers may be granted by the Committee on Candidacy in Teacher Education.

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2. Prior to admission to Level One, students are required to pass the Basic Skills Test of the Michigan Test for Teacher Certification (MTTC). The test is comprised of three parts: reading, writing, and mathematics. Information regarding this examination is available in the department office, North Hall 207.
3. Students must be recommended by the Student Affairs Office.
4. Students must attend a teacher education meeting for prospective students (held in Knight Auditorium/North Hall on the first Monday of October and February at 8:00 p.m.). Students who desire recommendation for certification shall apply for admission to the Teacher Education Program at this time and declare their certification level and teaching major and/or minor(s).
5. Written applications must receive approval from the Teacher Education Department.
6. Results of standardized and college-developed competency measures may be used to counsel and evaluate candidates regarding recommendation for candidacy and certification in teacher education.

Level One teacher education courses include:

TED 204	Educational Psychology & Observation-Participation
TED 200, 201, 202 or 203	(concurrent requirements)
TED 205	Education of Exceptional Children and Observation-
TED 200	Participation (concurrent requirements)

Level Two:

1. Students must have completed all required Level One teacher education courses with a grade of C- or better.
2. Prior to admission to Level Two of the Teacher Education Program, students must achieve an overall grade point average of 2.7 or greater, grade point averages of 2.5 or greater in all majors or minors, and a grade point average of 2.7 or greater in all teacher education coursework.
3. Students must have logged 100 field hours (60 of these hours must have been completed in a formal school setting). A combination of rural, small city and urban experience is strongly recommended for any student seeking certification.
4. Students must be recommended by the academic department(s) of their declared major and/or minor(s).

Level Two **elementary** teacher education courses include:

TED 340	Teaching-Learning Processes and Clinical Experience (elementary)
TED 350	Instructional Technology
TED 365	Teaching of Reading I and Clinical Experience
TED 366	Teaching of Reading II and Clinical Experience
TED 367	Teaching of Mathematics and Clinical Experience
TED 369	Teaching of Science and Clinical Experience
TED 370	Teaching of Social Studies and Clinical Experience
TED 300 (2)	Field Experience

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Level Two **secondary** teacher education courses include:

TED 330	Teaching-Learning Processes and Clinical Experience (secondary)
TED 346	Literacy in Content Areas
TED 350	Instructional Technology
T ED 300	Clinical Experience (2)

And the methods courses that correspond to the teaching major and minor:

TED 332	Teaching Language Arts in the Middle and Secondary School
TED 335	Teaching Modern Languages in the Middle and Secondary School
TED 336	Teaching Mathematics in the Middle and Secondary School
TED 337	Teaching Physical Education in the Elementary, Middle and Secondary School
TED 341	Teaching Sciences in the Middle and Secondary School
TED 343	Teaching Social Sciences in the Middle and Secondary School

Level Three:

1. Students must have completed the required Level Two teacher education courses with a grade of C- or better.
2. Prior to admission to Level Three of the Teacher Education Program, students must have an overall grade point average of 2.7 or greater, grade point averages of 2.5 or greater in all majors or minors, and a grade point average of 2.7 or greater in all teacher education coursework.
3. Students must have logged 200 field hours (100 of these hours must have been completed in a formal school setting).
4. Students must retain the approval of the academic department(s) in which they are majoring, or, for students with three minors, the approval of the two academic departments in which they have minors.

Level Three teacher education courses include:

TED 471	Social Foundations of Education
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Level Four:

1. Students must have completed all required Level Three teacher education courses with a grade of C- or better.
2. Prior to admission to Level Four of the Teacher Education Program, students must have an overall grade point average of 2.7 or greater, grade point averages of 2.5 or greater in all majors or minors, and a grade point average of 2.7 or greater in all teacher education coursework.
3. All candidates must complete and record in their log books a minimum of 300 clock hours of approved field experience prior to the commencement of their associate teaching. At least 200 of these hours must be at the level of certification being sought; of the 200, at least 150 must be in the formal school setting. A minimum of 150 hours will be associated with specific courses for elementary certification and 100 hours will be associated with specific courses for secondary certification.

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4. Students must attain the final approval of the academic department in which they are majoring, or, for students with three minors, the approval of two academic departments in which they have minors.
5. Subsequent to their associate teaching assignment students must
 - (a) arrange a visit with the cooperating teacher and observe his or her classes, and
 - (b) return a response sheet to the Director of Associate Teaching indicating acceptance or rejection of the placement.

Level Four teacher education courses include:

TED 400	Associate Teaching
TED 444	Associate Teaching Seminar

Certification Requirements for Teacher Candidates

Candidates for teacher certification will make application for certification during the semester that they complete their associate teaching requirement. The application will be submitted by Adrian College to the Michigan Department of Education when the candidate has completed all program requirements, including passing all required Michigan Tests for Teacher Certification. In order to receive a provisional certificate, the candidate must pay a required fee to the State of Michigan.

Changes in certification requirements as determined by the Michigan Department of Education and/or in requirements set by Adrian College and the Teacher Education Department may necessitate changes in programs described in this catalog. When such changes are implemented, efforts will be made to provide as smooth a transition to the new requirements as possible.

Under Title II of the Higher Education Act, all colleges providing teacher education programs are required to report the results of certification tests taken by perspective teachers. Adrian College's results are available on the College's web site at www.adrian.edu/academics/TeachEd/TestResults.php. The results may also be obtained in printed form by contacting the Adrian College Registrar's Office. Additional information on this topic is available at www.title2.org.

Requirements for Certification in Elementary Education (K-8)

Elementary education candidates may elect to qualify for certification by completing the planned minor (see page 239) and either one teaching major and or two additional teaching minors. The majors and minors appropriate for elementary grades are indicated by an "E" in the program list (see pages 230-241).

Candidates must complete the teacher education course requirements as outlined in the procedures section and pass the appropriate Michigan Test for Teacher Certification. Candidates who pass the elementary education test will be recommended for the certification that will allow them to teach all subjects in grades K-5 (K-8 in self-contained classrooms).

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Elementary candidates who pass appropriate Michigan Test(s) for Teacher Certification in their teaching major(s) and/or minor(s) will also be recommended for certification in those areas in grades 6-8.

Requirements for Certification in Secondary Education (7-12)

All secondary candidates must complete one of the following courses: HIST 105 or 106, 108, 254, 255, or PSCI 101.

Secondary education candidates must complete at least one teaching major and one teaching minor from those listed on pages 235-246 as well as the education course requirements outlined in the procedures section, and must pass the Michigan Tests for Teacher Certification in the teaching major(s) and minor(s). These majors and minors must be appropriate for the secondary grades and are indicated by an “S” in the program list. This certification will allow the candidates to teach subjects within their major(s) and minor(s) in grades 7-12.

Requirements for K - 12 certification

Students seeking a K-12 certification must complete a minimum of 12 hours of associate teaching, with placements at both the elementary and secondary levels.

K-12 Music (B.M.E.) and Art Education (B.F.A.)

Students seeking Music Education or Art Education certification must complete an intensive major in their specialty area and complete the secondary teacher education sequence. Students selecting either of these areas are not required to complete a teaching minor.

K-12 Physical Education and Modern Languages

Students seeking K-12 certification in Physical Education or Modern Languages may complete either the elementary or secondary teacher education sequence. Students in the elementary teacher education program in a language or physical education must complete the teaching major and the planned elementary minor or two teaching minors and the planned elementary minor. Students in the secondary teacher education program must complete both a teaching major and a teaching minor.

Requirements for adding other Endorsements

Holders of Michigan elementary or secondary certificates who wish to add an endorsement for the other level must follow a planned program which meets State of Michigan requirements and is developed with, and approved by, the Adrian College Teacher Education Department.

Early Childhood Programs

Adrian College offers two options for students interested in preparing to work with young children:

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Requirements for the Early Childhood (ZA) Endorsement

Students enrolled in the elementary program may add the early childhood (ZA) endorsement to their certification by successfully completing the planned early childhood minor listed on page 243, and passing the early childhood test of the Michigan Test for Teacher Certification (MTTC). This minor must be completed in addition to the planned elementary minor and the subject area major or minors required of all elementary candidates.

Early Childhood Minor (not for teacher certification)

Adrian College offers a minor in early childhood for students who are interested in preparing to work with children in a preschool setting and/or are hoping to open their own preschool program. Course work includes curriculum development, teaching strategies, legal and administrative controls, child development, and related topics. An internship in a preschool setting is also required.

This program does **not** lead to teacher certification in early childhood education. The minor listed on page 243 does lead to the ZA endorsement in early childhood education.

Courses required for this minor are:

TED 206	Child Development: Conception Through Early Childhood (3)
TED 320	Creative Programs for Young Children (3)
TED 399	Professional Internship (3)
TED 401	Child Care Administration (4)
SOC 206	Family Interpersonal Relationships (4)
PSYC 216	Human Sexuality (4)
ART 105	Art for Elementary Teachers (3)
MUS 105	Essentials of Music for Elementary Teachers (3)
ENGL 360	Children's Literature (3)
BIOL 209	Human Nutrition (3)
ESPE 201	Red Cross First Aid and Emergency Care (2)

Graduate Studies

Adrian College offers a limited number of graduate level courses, as approved by the North Central Association of Colleges and Schools. There is, however, no graduate degree program at the College. Credit earned in the graduate courses may or may not be transferable to graduate degree programs at other institutions. It also may or may not be applicable to a graduate degree at Adrian, should the College introduce such a graduate program at a later date.

Course Offerings

The semesters listed after course descriptions indicate when courses are expected to be offered. Schedules are subject to change; students should confirm semester offerings with the department when planning degree and certification programs.

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Introductory Courses in Education

- 101. Explorations in Education (2).** An opportunity for students to explore the field of professional education as a possible vocation, to evaluate their own motivations, skills and abilities and personal goals in relation to the tasks of teaching and to expand their career horizons in human services. Field experiences are an important element in the course. Spring.
- 204. Educational Psychology and Observation-Participation (SOCIAL SCIENCE) (3).** The application of psychological principles in education, focusing on the teacher as a professional educator and as an individual. Topics include the components of effective classroom teaching and pre-adolescent and adolescent growth and development. Students must enroll concurrently in Teacher Education 200, 201, 202 or 203. Overall gpa of 2.7 or better. (Open to second semester freshmen.) Fall, spring.
- 205. Education of Exceptional Students and Observation-Participation (3).** An overview of characteristics, needs and current practices in the education of the gifted, mentally challenged, emotionally impaired, physically handicapped and those with cultural differences. The course will cover preschool, pre-adolescent and the adolescent exceptional student. Students must enroll concurrently in Teacher Education 203 (Prerequisite: Passing scores on all three subsections: reading, math, writing of the Michigan Test for Teacher Certification: Basic Skills.) Fall, spring.
- 206. Child Development: Conception Through Early Childhood (3).** An in-depth study of the physical, social, emotional and intellectual development of children, including children with special needs. (Open to freshmen) Fall.
- 207. Middle Childhood and Adolescent Development (3).** The developmental tasks, as applied to the unique problems and possibilities confronting children and adolescents in contemporary American society. Observations are required. Offered as needed.
- 307. Classroom Evaluation Testing and Counseling (3).** The evaluation of goals, objectives and testing techniques; creation of teacher-made tests and interpretation of standardized tests; recording and reporting test results; the use of test results in planning; and the understanding and practice of basic counseling techniques. (Prerequisite: TED 204 or permission of instructor.) Offered as needed.

Methods of Teaching

(Prerequisite: Education 204 and acceptance in teacher education. Education 330 is a prerequisite for all other methods courses. Other methods courses may be taken concurrently with 330.)

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General Methods

- 330. Teaching-Learning Processes and Clinical Experience (secondary) (3).** (Serves as a prerequisite for all other methods classes.) The teaching-learning processes in the middle and secondary schools, with emphasis on such competencies as formulating purposes of the school; developing a philosophy of classroom management; identifying learning styles; developing course, unit and lesson plans; developing instructional contracts and learning centers; setting behavioral objectives; and developing assessment instruments. Corequisite: Teacher Education 300 Field experiences. (Prerequisite: Admission to teacher education program.) Fall, spring.
- 340. Teaching-Learning Processes and Clinical Experience (elementary) (3).** (Serves as a prerequisite for all other methods classes.) The teaching-learning processes in the elementary and middle schools, with emphasis on such competencies as formulating purposes of the school; developing a philosophy of classroom management; identifying learning styles; developing course, unit and lesson plans; developing instructional contracts and learning centers; setting behavioral objectives; and developing assessment instruments. Recommended corequisite: Teacher Education 300 Field experiences. (Prerequisite: Admission to teacher education program.) Fall, spring.
- 350. Instructional Technology (2).** The integration of instructional technology into elementary, middle, and secondary programs, including the use of software and hardware and the appropriate application of available materials to specific classroom settings. In addition, students will demonstrate competencies in the use of computer technology tools. (Prerequisite or corequisite: Teacher Education 330 or 340.) Fall, Spring.

Middle and Secondary Subject Area Methods

Teaching Methods for Middle and Secondary Grades (7-12) and Special Subjects (K-12). Each candidate for certification in secondary education must complete one course in methods, preferably in the candidate's major. Field experience is a required part of this course. A study is made of methods used to teach the subject, with emphasis on curriculum planning, subject articulation by grades, teaching materials, trends and new approaches.

- 332. Teaching Language Arts in the Middle and Secondary School (2).** Methods of teaching language arts with emphasis on: best instructional practices, teaching methodologies and techniques, systematic classroom organization and management, instructional technology integration, standards based education including the Michigan Curriculum content standards. A minimum of 30 subject/grade appropriate hours of field experience must be completed concurrently with the course. (Prerequisite: Teacher Education 330) Spring.

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- 335. Teaching Modern Languages in the Middle and Secondary School (2).** Methods of teaching modern languages with emphasis on: best instructional practices, teaching methodologies and techniques, systematic classroom organization and management, instructional technology integration, standards based education including the Michigan Curriculum content standards. A minimum of 30 subject/grade appropriate hours of field experience must be completed concurrently with the course. (Prerequisite: Teacher Education 330) Spring.
- 336. Teaching Mathematics in the Middle and Secondary School (2).** Methods of teaching mathematics with emphasis on: best instructional practices, teaching methodologies and techniques, systematic classroom organization and management, instructional technology integration, standards based education including the Michigan Curriculum content standards. A minimum of 30 subject/grade appropriate hours of field experience must be completed concurrently with the course. (Prerequisite: Teacher Education 330) Spring.
- 337. Teaching Physical Education in the Elementary, Middle and Secondary School (2).** Methods of teaching Physical Education with emphasis on: best instructional practices, teaching methodologies and techniques, systematic classroom organization and management, instructional technology integration, standards based education including the Michigan Curriculum content standards. A minimum of 30 subject/grade appropriate hours of field experience must be completed concurrently with the course. (Prerequisite: Teacher Education 330 or 340) Spring.
- 341. Teaching Sciences in the Middle and Secondary School (2).** Methods of teaching science with emphasis on: integrating the sciences using essential features of classroom inquiry, best instructional practices, teaching methodologies and techniques, systematic classroom organization and management, instructional technology integration, standards based education including the Michigan Curriculum content standards. A minimum of 30 subject/grade appropriate hours of field experience must be completed concurrently with the course. (Prerequisite: Teacher Education 330) Spring.
- 343. Teaching Social Studies in the Middle and Secondary School (2).** Methods of teaching social studies with emphasis on: best instructional practices, teaching methodologies and techniques, systematic classroom organization and management, instructional technology integration, standards based education including the Michigan Curriculum content standards. A minimum of 30 subject/grade appropriate hours of field experience must be completed concurrently with the course. (Prerequisite: Teacher Education 330) Spring
- 346. Literacy in Content Areas (3).** Topics include the application of literacy instruction to all content areas; determining the readability of instructional materials; determining the suitability of instructional materials for given students; recognizing the basic and unique literacy skills required in various content areas and evaluation of student abilities in using those skills; using various strategies for improving student literacy in the content areas. Fall.

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Early Childhood/Elementary and Middle School Education Methods

- 320. Creative Programs for Young Children (3).** Methods of planning the curriculum for a preschool program in small and large group settings, including creative expression, language arts, music and rhythm, science, pre-number experiences and large and small motor skills. Planning for children with special needs in the regular preschool program is also included. (Prerequisite: Teacher Education 206.) Offered as needed.
- 364. Methods and Materials for Early Childhood Education (3).** The history, theories, and basic principles of developmentally appropriate instruction, along with methods and materials appropriate to early childhood education are studied. Offered as needed.
- 365. Teaching of Reading I and Clinical Experience (3).** An introduction to literacy education. Topics include research-based exploration of the nature of the reading process and related classroom practice; emergent and early literacy; developing word identification skills, including phonics; and building vocabulary. Comprehension is emphasized throughout the course. Peer teaching or elementary classroom teaching is also included. (Prerequisite or corequisite: Teacher Education 330 or 340.) Fall.
- 366. Teaching of Reading II and Clinical Experience (3).** Topics include the application of reading instruction to content areas; the organization and management of classroom reading programs; the development and/or selection of specific objectives for reading instruction; a survey of factors which contribute to difficulties in literacy education, techniques for evaluating student progress, and programs and procedures for strengthening literacy learning; and communication of information to administrators, parents, teachers and students. Field experience is a required part of the course. (Prerequisite: Teacher Education 365.) Spring.
- 367. Teaching Elementary Mathematics and Clinical Experience (2).** Methods of teaching mathematics with emphasis on: best instructional practices, teaching methodologies and techniques, systematic classroom organization and management, instructional technology integration, standards based education including the Michigan Curriculum content standards. A minimum of 30 subject/grade appropriate hours of field experience must be completed concurrently with the course. (Prerequisite: MATH 113 and Teacher Education 340) Spring.
- 369. Teaching Elementary Science and Clinical Experience (2).** Methods of teaching science with emphasis on: integrating the sciences using essential features of classroom inquiry, best instructional practices, teaching methodologies and techniques, systematic classroom organization and management, instructional technology integration, standards based education including the Michigan Curriculum content standards. A minimum of 30 subject/grade appropriate hours of field experience must be completed concurrently with the course. (Prerequisite: Teacher Education 340.) Spring.

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- 370. Teaching Elementary Social Studies and Clinical Experience (2).** Methods of teaching social studies with emphasis on: best instructional practices, teaching methodologies and techniques, systematic classroom organization and management, instructional technology integration, standards based education including the Michigan Curriculum content standards. A minimum of 30 subject/grade appropriate hours of field experience must be completed concurrently with the course. (Prerequisite: Teacher Education 340.) Fall.
- 373. Curriculum and Methods in the Bilingual Classroom (3).** An examination of methodology, materials and curricula appropriate for use with non-English speaking pupils and pupils who have learned or are learning English as a second language. Offered as needed.
- 374. Teaching Modern Languages in Elementary Schools and Clinical Experience (2).** Methods of teaching modern languages at the elementary level with emphasis on: best instructional practices, teaching methodologies and techniques, systematic classroom organization and management, instructional technology integration, standards based education including the Michigan Curriculum content standards. A minimum of 30 subject/grade appropriate hours of field experience must be completed concurrently with the course. (Prerequisite: Teacher Education 330 or 340.) Spring.
- 401. Child Care Administration (3).** The role of the preschool program and its director and the legal and administrative controls which affect them. Students will participate in field-based experience in a nursery school and day-care center and will simulate the responsibility for organizing and administering a child care program. (Prerequisite: Teacher Education 206 or permission of instructor.) Offered as needed.

Pre-Associate Teaching Field Experiences

- 199. Exploratory Internship (1-3).**
- 200-203. Classroom Experience (1-2).** The course is designed for candidates in teacher education to gain practical experience in the K-12 classroom setting. Thirty field hours are required for each semester hour academic credit. Field hours are divided into five sections. Students are placed in the field in accordance with their major/minor(s) by section. Students who are enrolled in Teacher Education 203 will receive field placements in classroom settings with students who are defined as exceptional with an approved IEP. May be repeated. Fall, Spring

200 Elementary School
201 Middle School
202 High School
203 Special Education

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300. Clinical Experience (1-2). Laboratory study of the structure of learning in early childhood, elementary, middle or secondary schools. Special attention is paid to the nature of learning in specific areas of academic study, such as in actual pupil-teacher experience. The course is designed for students who are completing pre-associate teaching courses. Thirty contact hours are required for each semester hour of academic credit. For convenience, clinical experiences are divided into several sections. May be repeated. Fall, spring.

Literature Appreciation. Work with school librarians in school settings, assisting in the teaching of library skills, presenting story hours and book discussions, and providing other library assistance.

School Camping. Participation in outdoor education settings such as YMCA Camp Storer, serving as cabin counselors, teacher assistants, group leaders or in other capacities. Usually requires a minimum of one week at the camp.

Early Childhood. Participation in nursery, day care, Head Start and other such programs for preschool aged children.

Science and Mathematics. The development of science and/or mathematics enrichment experiences for area children and youth, including the organization of programs in which to present those experiences.

Teacher Assistants. Assisting with the instruction of small and/or large groups of pupils, record keeping, preparation of bulletin boards and other teacher responsibilities.

Reading Practicum. The opportunity to work with pupils under the direction of special reading teachers. Students will be required to keep a log of their experience and to confer regularly with the reading teacher and the College faculty member. (Prerequisite: Education 365, 366 or 346. May be taken concurrently with the Reading Practicum.)

Multicultural Emphasis. Work with teachers in schools representing a variety of racial and/or cultural backgrounds. School sites include Detroit and Toledo, as well as small city, suburban and rural areas. Students will be consulted in the selection of schools so that their previous experiences will be complemented.

Adult Literacy (2). Fifteen (15) hours of training in cultural awareness, learning styles, adult learning theory, and tutor simulations followed by forty-five (45) hours of tutoring at an adult literacy site. (Prerequisite: Sophomore standing or above).

Advanced Courses

Prerequisite: Education 204, 330, acceptance in teacher education, senior standing or permission of the instructor.

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- 403. School Law (2).** Formal and informal legal dimensions of the American system of education. Students will become knowledgeable about the legal limits of teachers in daily school operations. (Prerequisites: Education 204, 300 and acceptance in teacher education. Senior status or consent of instructor.) Fall, spring.
- 471. Social Foundations of Education (3).** An examination of the sociological, economic, historical, philosophical and curricular foundations of education. While the historical approach is a vital component of such an interdisciplinary study, emphasis is on the status of education here and now in the United States. The course concentrates on current social issues and problems, stressing their relation to and implications for education. (Prerequisites: Education 204, 300 and acceptance in teacher education. Senior status or consent of instructor.) Fall, spring.
- 472. Urban Education (3).** Employing the seminar approach, theoretical study is combined with first-hand observations of the inner city school. Emphasis is on probing the uniqueness of the urban school subculture and its problems, the nature of the social forces that directly impinge on its functioning and discernment of the basic similarities which characterize schools servicing socio-geographical populations. Offered as needed.
- 473. Comparative International Education (3).** Educational systems of selected nations, with analysis of various social, historical, political and economic forces in relation to their effect on the establishment of educational practices. Efforts are made to analyze common problems which significantly affect or alter the educational process in the subject societies, and to draw comparisons with education in the United States. Offered as needed.
- 489. Research in Education (2).** The use of basic measurement and research techniques in analyzing and reporting findings related to a specific educational problem. A formal research paper is required. (Prerequisites: Education 204, 300 and acceptance in teacher education. Senior status or consent of instructor.) Fall, spring.

Associate Teaching

- 400. Associate Teaching (1-12).** Teaching in an appropriate grade or subject level of the elementary, middle or secondary schools for 10-12 semester hours. Individuals interested in certification in K-12 programs in art, music, and health, physical education and recreation should enroll in 12 hours of associate teaching. Students who wish to be recommended for elementary classroom certification plus K-12 certification in art, music or HPER will need to have extended placements to provide adequate experience in each area. All students complete the pre-associate teaching orientation experience during the first week their assigned school is in session (August or September). Students who are certified at one level (elementary or secondary) and are seeking to add certification at the other level will normally be expected to enroll for 3 semester hours of associate teaching at the new level. Students are evaluated according to a list of competencies related to associate teaching. If these competencies are not attained in the designated period of time, the associate teaching experience may be extended.

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If candidates are not successful in the assignment, they are withdrawn from the school and an alternate program is developed. Application for associate teaching is to be completed by Feb. 15 of the school year prior to associate teaching. Fall, spring.

- 444. Associate Teaching Seminar (1).** The course is devoted to discussion and appraisal of the students' teaching experiences. The course includes discussion of topics and issues including execution of effective lessons, classroom discipline, ways of providing and accepting effective feedback. Also considered are developing a teaching portfolio, teacher associations, job interviewing, and resume building. (Corequisite: TED 400, Associate Teaching.) Fall, spring.

Special and Advanced Courses

- 299. Experimental Course (1-3).**

- 399. Professional Internship (1-12).**

- 451. Independent Study (1-3).** (Prerequisite: written permission of the department chairperson.)

- 490-498. Workshop, Seminar or Colloquium in Education (1-6).** The laboratory approach is emphasized in the study of administrative, classroom and supervisory problems.

- 499. Advanced Experimental Course (1-3).**

Teaching Majors and Minors

Secondary and Elementary

The following list of teaching majors and minors reflects current departmental requirements for the Bachelor of Arts or the Bachelor of Music Education degree. Revisions for certification listed under this catalog have been submitted to the Michigan State Department of Education. Program headings are coded to indicate if the major or minor is approved for elementary (E), secondary (S) and/or K-12.

With the approval of the chairperson of the department of teacher education, semester hours taken toward fulfillment of any teaching major or minor requirement may also be used to meet cognate requirements in other teaching majors or minors.

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Academic Study of Religions

Minor (S) 21 Semester Hours

Basic Requirement:

Religion 102, 105, 106, 108 12 S.H.
Teacher Education 343 2 S.H.

Electives:

7 hours of 300- or 400-level religion courses 7 S.H.

Required Michigan test: none available

Art (B.F.A.)

Major (K-12) 61 Semester Hours

Basic Requirement:

ART 100; 101; 103; 300; 250 or 303; 360;
460; 489 21 S.H.

ARTH 337 3 S.H.

ARTH 338 or 339 3 S.H.

Two 2-course sequences chosen from the following media:

ART (201, 301) (203, 204), (205, 305), (209, 210),
(215, 315), (218, 318, 319), or (220, 320) 12 S.H.

A 3-course sequence including a third medium selected
from above and 3 hours of ART 351. 9 S.H.

*(NOTE: At least one of the three media sequences above
must be in ceramics or sculpture.)*

6 hours from ARTH 211, 212, 240, 270, 271, 335, 336 ... 6 S.H.

2 hours of senior exhibition section of ART 351 2 S.H.

2 hours of classroom experience (ART 200) 2 S.H.

1 hour of clinical experience (ART 330) 1 S.H.

2 hours of practicum (ART 361, 461) 2 S.H.

Required Michigan test: #95 (Visual Arts Education)

Bilingual Education

Minor (Spanish) (E,S) 26 Semester Hours

Basic Requirement:

TED 300/8, 335 or 374, 373 9 S.H.

Sociology 208, 451* 7 S.H.

Foreign Language 267, 376, 379 10 S.H.

Corequisite: Proficiency in Spanish required

*Historical Heritage and Cultural Development of Hispanic Americans in the United States

Required Michigan test: #70 (Bilingual Spanish)

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Biology

Major (S) 42 Semester Hours

Basic Requirement:

Biology 103, 104, 217, 218, 221, 223, 301, 326, 401 22 S.H.

One from 130, 212, 262 3-4 S.H.

Electives in Biology: 4-5 S.H.

Cognates:

Chemistry 103, 104 8 S.H.

Mathematics 115 4 S.H.

Minor (S) 29 Semester Hours

Basic Requirement:

Biology 103, 104, 217, 218, 221, 223, 301, 326 21 S.H.

Cognate:

Chemistry 103, 104 8 S.H.

Required Michigan test: #17 (Biology)

Chemistry

Major (S) 56 Semester Hours

Basic Requirement:

Chemistry 103, 104, 300, 302, 311, 312, 313, 314, 321,
322, 323, 324 29 S.H.

400-level course 3 S.H.

Cognates:

Computer Science 106 3 S.H.

Mathematics 115, 125, 135, 205 13 S.H.

Physics 101, 102, 103, 104 or
8 hours of higher-level Physics 8 S.H.

Minor (S) 31 Semester Hours

Basic Requirement:

Chemistry 103, 104, 302, 311, 312, 313 and 314 20 S.H.

Cognates:

Computer Science 106 3 S.H.

Mathematics 115 4 S.H.

Physics 101, 103 4 S.H.

Required Michigan test: #18 (Chemistry)

Teacher Education

Communication Arts and Sciences (Speech certification)

Major (E, S) 36 Semester Hours

Basic Requirement:

Communication 109, 110, 210, 212,
218, 300, 302, and 421 24 S.H.

Cognates:

Theatre 106, 108, 207 and 304 12 S.H.

Speech (Communication) Minor (E, S) 24 Semester Hours

Basic Requirement:

Communication 109, 110, 212, 218, 300 15 S.H.

Cognates:

Theatre 106, 207, 304 9 S.H.

Required Michigan test: #04 (Speech)

Earth/Space Science

Major (S) 39-42 Semester Hours

Basic Requirement:

Earth Science 101, 102, 103, 201, 204 18 S.H.
Earth Science electives 8 S.H.

Cognates:

Biology 217 and 218 4 S.H.
Three courses selected from:
Chemistry 101, 103, 104
Physics 101, 102, 205, 206
Mathematics 104, 115, 125, 135, 204, 205
Computer Science 106 9-12 S.H.

Minor (S) 21 Semester Hours

Basic Requirement:

Earth Science 101, 102, 103, 201, 204 18 S.H.
Earth Science electives 3 S.H.

Required Michigan test: #20 (Geology/Earth Science)

Economics

Major (S) 49 Semester Hours

Basic Requirement:

Economics 201, 202, 320, 321 16 S.H.

Electives 18 S.H.

(May include 6 S.H. of Business)

Teacher Education

Cognates:

Mathematics 204 or 314	3 S.H.
Political Science 101*	4 S.H.
History 105 or 106*	4 S.H.
Earth Science 104	4 S.H.

Minor (E, S) 32 Semester Hours

Basic Requirement:

Economics 201, 202	8 S.H.
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Cognates:

Political Science 101*	4 S.H.
History 105 or 106*	4 S.H.
Earth Science 104	4 S.H.

Electives 12 S.H.

(May include 3 S.H. of Business)

* Should be taken as distribution requirements

Required Michigan test: #07 (Economics)

English

Major (E, S) 42 Semester Hours

Basic Requirement:

English 230, 241 or 242, 254, 310, 332, 342, 361, 407 ...	31 S.H.
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Electives:

One of the following courses: 201, 203, 271	4 S.H.
One of the following courses: English 340, 341, 343, 344, 345, 346, 349	4 S.H.

Cognate:

Communications 110	3 S.H.
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Minor (E, S) 28 Semester Hours

Basic Requirement:

English 201, 203, or 271	4 S.H.
English 230, 241 or 242, 254, 310, 332	20 S.H.
One of the following courses: English 340, 341, 342, 343, 344, 345, 346, 349	4 S.H.

Required Michigan test: #02 (English)

Teacher Education

French

Major (E, S, K-12) 36 Semester Hours

Basic Requirement:

French 223, 224 8 S.H.
Two of the following: French 333, 334, 335 8 S.H.
French 338, 339 6 S.H.
Modern Languages 491, 492 4 S.H.

Electives in French at the 200-level or above 10 S.H.
Study abroad also required. (See p. 172).

French Minor (E, S) 22 Semester Hours

Basic Requirement:

French 223, 224 8 S.H.
One of the following: French 333, 334, 335 4 S.H.
French 338, 339 6 S.H.

Electives in French at the 200-level or above 4 S.H.

Required Michigan test: #23 (French)

German

Major (E, S, K-12) 36 Semester Hours

Basic Requirement:

German 243, 244 8 S.H.
Two of the following: German 353, 354, 355 8 S.H.
German 358, 359 6 S.H.
Modern Languages 491, 492 4 S.H.

Electives in German at the 200-level or above 10 S.H.
Study abroad also required. (See p. 172.)

Minor (E, S) 22 Semester Hours

Basic Requirement:

German 243, 244 8 S.H.
One of the following: German 353, 354, 355 4 S.H.
German 358, 359 6 S.H.

Electives in German at the 200-level or above 4 S.H.

Required Michigan test: #24 (German)

Teacher Education

History

Major (E, S) 47 Semester Hours

Basic Requirement:

History 101, 102, 103, 104, 105, 106, 295, 332, 407 36 S.H.

Cognates:

Earth Science 104 3 S.H.

Political Science 101* 4 S.H.

Economics 202* 4 S.H.

History Minor (E, S) 39 Semester Hours

Basic Requirement:

History 101, 103, 104, 105, 106, 295, 332 28 S.H.

Cognates:

Earth Science 104 3 S.H.

Political Science 101* 4 S.H.

Economics 202* 4 S.H.

* These may be taken to satisfy the social science distribution requirement.

Required Michigan test: #09 (History)

Integrated Science

**Major* (E, S) 52-53 Semester Hours

Basic Requirement:

Biology 103, 104, 326, 221, 217, 209, 301 22 S.H.

Chemistry 103 and 104 8 S.H.

Physics 101, 102, 103, 104 8 S.H.

Earth Science 101; 103; and 201 11 S.H.

Math 135 or 204 3-4 S.H.

Note: The Integrated Science major and minor exist only within the Teacher Education Program. They do not meet the requirements for a degree when completed without the associated Teacher Education certification.

**Integrated Science Minor* (E, S) 31-32 Semester Hours

Biology 103 and 104 8 S.H.

Chemistry 103 and 104 8 S.H.

Earth Science 101; 103 8 S.H.

Physics 101, 103 4 S.H.

Mathematics 135 or 204 3-4 S.H.

**Certification in Integrated Science pending approval by the Michigan Department of Education.*

Required Michigan test: not yet developed

Teacher Education

Mathematics

Major (E, S) 36 Semester Hours

Basic Requirement:

Mathematics 135, 205, 215, 216, 303, 304, 313,
323 and 403 or 405 30 S.H.

Electives in Mathematics at the 300-level or above 3 S.H.

Cognate:

Computer Science 106 3 S.H.

Minor (E, S) 23 Semester Hours

Basic Requirement:

Mathematics 135, 205, 303, 304, 313, 323 20 S.H.

Cognate:

Computer Science 106 3 S.H.

Required Michigan test: #22 (Mathematics, secondary) or #89 (Mathematics, elementary)

Music (B.M.E.)

Major (K-12) 63 S.H.

Basic Requirement:

Music 101, 102, 103, 104, 115, 116, 120, 124, 131, 201, 202, 203, 204, 215, 216
303, 304, 316, 317, 318, 319, 371, 401, 402, 410 43 S.H.

Instrumental: 122, 126, 362

or

Vocal: 128, 132, 363 4 S.H.

7 semesters of applied music in student's

principal instrument 7 S.H.

7 semesters of large ensemble 7 S.H.

2 semesters of small ensemble 2 S.H.

Must pass piano proficiency examination prior to associate teaching.

(If piano is the major instrument, the student chooses

4 hours of music electives in place of 115-116, 215-216.)

Required Michigan test: #39 (Music Education)

Physical Education

**Major* (E, S, K-12) 47 Semester Hours

Basic Requirement:

Exercise Science/Physical Education 133, 201, 203, 218, 222, 225, 230, 236,
237, 238, 250, 300, 302, 309, 311, 333, 350, 402 43 S.H.

Cognates:

Psychology 216 4 S.H.

Teacher Education

**Minor* (E, S) 33 Semester Hours

Basic Requirement:

Exercise Science/Physical Education 133, 201, 203, 218, 222, 230, 236,
237, 238, 250, 333, 350, 402 29 S.H.

Cognates:

Psychology 216 4 S.H.

**Certification in Physical Education pending approval by the Michigan Department of Education.*

Required Michigan test: #44 (Physical Education)

Physical Science

**Comprehensive major* (S) 50 S.H.

Chemistry 103, 104, 321, 323, 322, 324, 311, 313, 312,
314, 302 28 S.H.

Physics 101, 103, 102, 104, 205, 209, 206, 370 18 S.H.

Elective:

Four additional hours of chemistry or physics 4 S.H.

**Major* (S) 36 S.H.

Chemistry 103, 104, 321, 323, 322, 324, 311, 313, 312,
314 24 S.H.

Physics 101, 103, 102, 104, 205, 209 12 S.H.

**Minor* (S) 24 S.H.

Chemistry 103, 104, 321, 323, 311, 313 16 S.H.

Physics 101, 103, 102, 104 8 S.H.

Note: The Physical Science major and minor exist only within the Teacher Education Program. They do not meet the requirements for a degree when completed without the associated Teacher Education certification.

**Certification in Physical Science pending approval by the Michigan Department of Education.*

Required Michigan test: not yet developed

Planned: Early Childhood Education

Minor (ZA Endorsement) 20 Semester Hours

TED 206, 300/4, 320, 364, 399 (Internship), 401 18 S.H.

Exercise Science 201 2 S.H.

This program must be taken in addition to the existing requirements for elementary certification.

Required Michigan test: #82 (Early Childhood Education)

Teacher Education

Planned: Elementary Program

Minor 22 Semester Hours

(Elementary Education students only)

Basic Requirement:

Art 105, Music 105

English 360, Mathematics 103, 113

Exercise Science 316 18 S.H.

Cognates:

History 105 or 106, 108, 254, 255

or Political Science 101 4 S.H.

Required Michigan test: #83 (Elementary Education)

Political Science

Major (S) 43 Semester Hours

Basic Requirement:

Political Science 101; 102; 137 or 138; 335; 409 20 S.H.

Electives in Political Science 12 S.H.

Cognates:

History 105 or 106* 4 S.H.

Economics 202* 4 S.H.

Earth Science 104 3 S.H.

Minor (E, S) 31 Semester Hours

Political Science 101; 102; 137 or 138; 335; 409 20 S.H.

Cognates:

History 105 or 106* 4 S.H.

Economics 202* 4 S.H.

Earth Science 104 3 S.H.

* These may be taken to satisfy social science distribution requirements.

Required Michigan test: #10 (Political Science)

Psychology

Major (E, S) 31 Semester Hours

Basic Requirement:

Psychology 100, 205, 211, 265, 303, 311, 329, 445 27 S.H.

Electives:

Four hours of additional psychology courses 4 S.H.

Teacher Education

Minor (E, S) 21 Semester Hours

Basic Requirement:

Psychology 100, 212, 205, 303, 311 17 S.H.

Electives:

Four additional hours of psychology courses 4 S.H.

Required Michigan test: #11 (Psychology)

Social Studies

Major (E, S) 38 Semester Hours

Basic Requirement:

Earth Science 104, 201, Economics 201, 202, History 104, 105 or 106,
Political Science 101, 335 30 S.H.

Electives:

Two additional 4-credit courses in one of the major areas. 8 S.H.

Note: The Social Studies major and minor exist only within the Teacher Education Program. They do not meet the requirements for a degree when completed without the associated Teacher Education certification.

Minor (E, S) 30 Semester Hours

Basic Requirement:

Earth Science 104, 201, Economics 201 202, History 104, 107,
Political Science 101, 335 30 S.H.

Both Social Studies major and minor pending approval of Michigan Department of Education.

Sociology

Major (S) 34 Semester Hours

Basic Requirement:

Sociology 102, 208, 305, 402, 407 18 S.H.

Electives in Sociology

2 of the following: SOC 202, 303, 311 8 S.H.

1 of the following: SOC 307, 323, 399 4 S.H.

1 of the following: SOC 200, 219, 309, 333 4 S.H.

Minor (E, S) 24 Semester Hours

Basic Requirement:

Sociology 102, 208, 305, 402 16 S.H.

Electives in Sociology

2 of the following: SOC 202, 219, 303, 307, 309, 311,
323, 333, 351 8 S.H.

Required Michigan test: #12 (Sociology)

Theatre

Spanish

Major (E, S, K-12) 36 Semester Hours

Basic Requirement:

Spanish 263, 264 8 S.H.

Two of the following: Spanish 371, 372, 376 8 S.H.

Spanish 378, 379 6 S.H.

Modern Languages 491, 492 4 S.H.

Electives in Spanish at the 200-level or above 10 S.H.

Study abroad also required. (See p. 172.)

Spanish Minor (E, S) 22 Semester Hours

Basic Requirement:

Spanish 263, 364 8 S.H.

One of the following: Spanish 371, 372, 376 4 S.H.

Spanish 378, 379 6 S.H.

Electives in Spanish at the 200-level or above 4 S.H.

Required Michigan test: #28 (Spanish)

Theatre

The theatre department provides students the opportunity to study theatre in the context of a liberal arts environment. Knowledge of and appreciation for the art of theatre are important aspects in a society that wishes to maintain its humanity. A major in theatre prepares a student for graduate study in theatre as well as providing the foundation for a variety of careers in theatre and the performing arts, such as scene design and technology, playwriting, directing, acting and arts management. The department provides non-majors with an excellent way to improve self confidence and presentational skills while participating in and learning about an important art form.

Bachelor of Arts in Theatre (33 hours)

Theatre Core (21 hours)

THRE 106

Introduction to Theatre (3)

THRE 108

Acting I: Introduction to Acting (3)

THRE 207

Stagecraft (3)

THRE 304

Play Directing (3)

THRE 315

Theatre History I (3)

THRE 316

Theatre History II (3)

THRE 421

Senior Project in Theatre (3)