



WAYNE STATE

College of Education

Division of Academic Services

EDUCATION BUILDING (ROOM 489)

(313) 577-1601

askcoe@wayne.edu

education.wayne.edu

ADVISING

- [Find my advisor](#)
- [Meet with my advisor](#)
- [Virtual Drop-Ins](#)
Tuesdays 9am to 4pm via Zoom

GENERAL EDUCATION*

Competency Requirements:

- ☐ Basic Composition
- ☐ Intermediate Composition
- ☐ Oral Communication
- ☐ Quantitative Experience

Inquiry Requirements:

- ☐ Natural Scientific Inquiry
- ☐ Natural Scientific Inquiry w/Lab
- ☐ Civic Literacy Inquiry
- ☐ Social Inquiry
- ☐ Cultural Inquiry
- ☐ Diversity Equity & Inclusion Inquiry
- ☐ Global Learning Inquiry

**major concentrations include courses which fulfill some general education requirements, please consult the appropriate advisor*

MICHIGAN TRANSFER AGREEMENT (MTA)

- ☐ Will meet all general education requirements at WSU
- ✓ Issued by the two year institution
- ✓ Minimum of 30 credits in certain areas
- ✓ Can be completed while attending WSU

COLLEGE REQUIREMENTS

- ♣ **course also meets a gen ed**
- ☐ TED 2200/2205 (3cr)- Includes a 40-hour service learning field experience
- ☐ PSY 1010/1020 (3-4cr) ♣
- ☐ PS 1010/1030 (3-4cr) ♣
- ☐ HE 2310/HE 3300/HE 6500/LFA 2330 (3cr) ♣
- ☐ BIO 1030/1050/1500/1510 (3-4cr) ♣

ADVISING GUIDE Secondary Education

The **Bachelor of Science in Education** with a major in Secondary Education leads to a Michigan Standard Teaching Certificate in one or more of the subjects below in Grades 6-12.

CERTIFICATION SUBJECT AREAS

Major Concentrations (One Required)

(coursework on page 3)

SCIENCE (6-12)

- ☐ Integrated Science
- ☐ Biology
- ☐ Chemistry
- ☐ Earth/Space
- ☐ Physics

SOCIAL STUDIES (6-12)

- ☐ Economics
- ☐ History
- ☐ Political Science
- ☐ Social Studies Group
- ☐ Social Studies Comp

Minor Concentrations (Optional)

(see additional endorsements)

SCIENCE (6-12)

- ☐ Biology
- ☐ Chemistry
- ☐ Earth/Space
- ☐ Physics

SOCIAL STUDIES (6-12)

- ☐ Economics
- ☐ History
- ☐ Political Science

OTHER CERTIFICATION PROGRAMS AND OPTIONS

The following certification options have curriculum different from what is in this advising guide. Please see below for information about each of these options.

HEALTH & PHYSICAL EDUCATION TEACHING (K-12)

[Advising Guide](#)

ENGLISH LANGUAGE ARTS

[Advising Guide \(Grades 7-12\)](#)

MATHEMATICS

[Advising Guide \(Grades 7-12\)](#)

[Advising Guide \(Grades 5-9\)](#)

MUSIC (VOCAL & INSTRUMENTAL)

[Music Education Homepage](#)

VISUAL ARTS EDUCATION (K-12)

[Advising Guide](#)

WORLD LANGUAGES (K-12)

[Arabic, French and Spanish Advising Guide](#)



Division of Academic Services

LEVEL 2 REQUIREMENTS

- ☐ **53 Credits**– Can be in progress and includes transfer credit and courses taken at Wayne State.
- ☐ **2.5 Minimum GPA**
- ☐ **12 Credits in Subject Major**–Can be in progress
- ☐ **TED 2200/2205**–Can be in progress
- ☐ **Intermediate Composition Course**
- ☐ **40 Hours of Group Work**
with Children Form (not needed if TED 2250 taken at WSU in the last 5 years)
- ☐ **Castle Branch Criminal History Check**
valid within 6 months
- ☐ **Apply at go.wayne.edu/edulevel2**
Level 2 uses a rolling admissions

MICHIGAN TEST FOR TEACHER CERTIFICATION (MTTC)

- **MTTC Information**
<https://www.mttc.nesinc.com/>
- **MTTC Support**
<https://education.wayne.edu/stu-dents/mttc>

GEN ED

COLLEGE
REQUIREMENTS

SUBJECT AREA(S)

PROFESSIONAL
EDUCATION
SEQUENCE

ADVISING GUIDE

Professional Education Sequence (52 credits)



EDUCATION COURSES (7 CREDITS)

The following courses may be taken in Level 1 or 2

- ☐ **TED 2020: Technology Integration in Teaching (3cr)**
- ☐ **TED 2210: Foundations II (2cr)**
- ☐ **TED 2220: Foundations III (2cr)**

LEVEL 2 COURSEWORK (8 CREDITS)

Professional Education Courses

- ☐ **EDP 5480: Adolescent Psychology (2cr)**
- ☐ **EHP 3600: Introduction to the Philosophy of Edu (3cr)**
- ☐ **RLL 6121: Reading: Middle & Secondary Subjects (3cr)**

METHODS COURSES (6-9 CREDITS)

Major Required (6 Credits) | Minor Optional (3 credits)

INTEGRATED SCIENCE

- ☐ **SCE 5060: Methods & Materials: Secondary Science I (3cr)**
- ☐ **SCE 6030: Advanced Studies in Teaching Science (3cr)**

SOCIAL STUDIES (ECONOMICS, HISTORY, POLITICAL SCIENCE)

- ☐ **SSE 6710: Methods & Materials: Secondary Social Studies (3cr)**
- ☐ **SSE 6730: New Perspectives in Social Studies Education (3cr)**

BIOLOGY, CHEMISTRY, PHYSICS, EARTH/SPACE

- ☐ **SCE 5060: Methods & Materials: Secondary Science I (3cr)**
- ☐ **SCE 5070: Methods & Materials: Secondary Science II (3cr)**

CLINICAL EXPERIENCES (15-17 CREDITS)

PRE STUDENT TEACHING

- ☐ **TED 5650: Pre-Student Teaching for Secondary (5cr)**
**Requires subject area methods course*
**Requires formal application*

STUDENT TEACHING

- ☐ **TED 5780: Directed Teaching & Conference (10-12cr)**
**Requires TED 5650 & all coursework*
**Requires formal application*

IMPORTANT RESTRICTIONS & REQUIREMENTS

- Minimum total credits to degree, 120
- 2.5 Minimum GPA required
- Minimum grade of "C" in major, program electives, program requirements, (BC), (ICN) & (QE)
- The Academics Exclusion Policy can be found by clicking [here](#).
- Please consult the University Bulletin (bulletins.wayne.edu/undergraduate) for official curriculum.

COMPREHENSIVE/GROUP MAJORS

INTEGRATED SCIENCE

(61 credit minimum):

- ☐ **BIO 1500:** Basic Life Diversity (3cr)
- ☐ **BIO 1501:** Lab (concurrent w/1500) (1cr)
- ☐ **BIO 1510:** Basic Life Mechanisms (3cr)
- ☐ **BIO 1511:** Lab (concurrent w/1501) (1cr)
- ☐ **BIO 2270:** Principles of Microbiology (3cr)
- ☐ **BIO 2271:** Lab (concurrent w/2271) (2cr)
- ☐ **BIO 3070:** Genetics (4cr)
- ☐ **BIO 4120:** Comparative Phys (4cr)
- ☐ **CHM 1100/30:** Gen Chem I w/Lab (5cr)
- ☐ **CHM 1240/50:** Organic Chem I w/Lab (5cr)
- ☐ **CHM 2220/30:** Organic Chem II w/Lab (5cr)
- ☐ **SCE 6010:** Safety in the Sci Classroom (2cr)
- ☐ **PHY 2130/31:** Physics I w/Lab (5cr)
- ☐ **PHY 2140/41:** Physics II w/Lab (5cr)
- ☐ **PHY 5015/3310:** Physics for Educators (5cr)
- ☐ **AST 2010/11:** Astronomy w/Lab (5cr)
- ☐ **ESG 1010/11:** Geology w/Lab (4cr)
- ☐ **ESG 1370:** Meteorology (3cr)
- ☐ **MAT 1800:** Elementary Functions (4cr)
- ☐ **Elective in Math or Computer Science (2cr)**



SOCIAL STUDIES GROUP

(36 credits minimum):

- ☐ **PS 1010:** American Government (4cr)
- ☐ **PS 3070:** Michigan Politics (4cr)
- ☐ **GPH 1100:** World Geography (4cr)
- ☐ **GPH 2200:** Geography of Michigan (3cr)
- ☐ **HIS 1000:** World Civ to 1500 (3cr)
- ☐ **HIS 1300:** Eur & World: 1500-1945 (3cr)
- ☐ **HIS 2040:** United States to 1877 (3cr)
- ☐ **HIS 2050:** United States Since 1877 (3cr)
- ☐ **HIS 2240:** History of Michigan (3cr)
- ☐ **ECO 2010:** Microeconomics (4cr)
- ☐ **ECO 2020:** Macroeconomics (4cr)



SOCIAL STUDIES COMPREHENSIVE

(54 credits minimum):

- ❑ All courses included in the Social Studies Group Major plus the following:
- ❑ PS 2420: Ethics of Public Policy (4cr)
- ❑ PS 2820: Peace & Conflict Studies (3cr)
- ❑ GPH 2000: Intro to Urban Studies (4cr)
- ❑ HIS 1400: The World Since 1945 (4cr)
- ❑ ECO 5410: Econ of Race & Gender (4cr)

ADVISING GUIDE

Secondary Education

SCIENCE MAJOR CONCENTRATIONS (SINGLE SUBJECT)

Science major concentrations require the following additional courses:

- ☐ **CHM 1100:** General Chemistry I (4cr)
- ☐ **CHM 1130:** Lab (concurrent w/1100) (1cr)
- ☐ **SCE 6010:** Safety in the Science Class (2cr)
- ☐ **ESG 1010:** Geology (3cr)
- ☐ **ESG 1011:** Lab (concurrent w/1010) (1cr)
- ☐ **PHY 2130:** General Physics I (4cr)
- ☐ **PHY 2131:** Lab (concurrent w/2130) (1cr)
- ☐ **BIO 1050:** An Intro to Life w/Lab (4cr)
- ☐ **MAT 2010:** Calculus I (4cr)
- ☐ **STA 2210:** Probability & Statistics (4cr)

BIOLOGY

(32 credit minimum):

- ☐ **BIO 1500:** Basic Life Diversity (3cr)
- ☐ **BIO 1501:** Lab (concurrent w/1500) (1cr)
- ☐ **BIO 1510:** Basic Life Mechanisms (3cr)
- ☐ **BIO 1511:** Lab (concurrent w/1501) (1cr)
- ☐ **BIO 2270:** Principles of Microbiology (3cr)
- ☐ **BIO 2271:** Lab (concurrent w/2271) (2cr)
- ☐ **BIO 2600:** Intro to Cell Biology (4cr)
- ☐ **BIO 2870:** Anatomy and Physiology (5cr)
- ☐ **BIO 3070:** Genetics (4cr)
- ☐ **BIO 3500:** Ecology & the Environment (3cr)
- ☐ **BIO 4200:** Evolution (3cr)
- ☐ **Science electives (5cr)**

CHEMISTRY

(32 credit minimum):

- ☐ **CHM 1100:** General Chemistry I (4cr)
- ☐ **CHM 1130:** Lab (concurrent w/1100) (1cr)
- ☐ **CHM 1140:** General Chemistry II (4cr)
- ☐ **CHM 1150:** Lab (concurrent w/1150) (1cr)
- ☐ **CHM 1240:** Organic Chemistry I (4cr)
- ☐ **CHM 1250:** Lab (concurrent w/1240) (1cr)
- ☐ **CHM 2220:** Organic Chemistry II (4cr)
- ☐ **CHM 2230:** Lab (concurrent w/2220) (1cr)
- ☐ **CHM 3020:** Inter Inorganic Chem I (3cr)
- ☐ **CHM 5400:** Bio Physical Chemistry (3cr)
- ☐ **CHM 5550:** Physical Chemistry Lab (2cr)
- ☐ **CHM 5600:** Survey of Biochemistry (3cr)
- ☐ **Science electives (4cr)**

Additional coursework to complete major:

- ☐ **MAT 2020:** Calculus II (4cr)
- ☐ **MAT 2030:** Calculus III (4cr)
- ☐ **PHY 2170/2171:** Univ Physics I w/lab (5cr)
- ☐ **PHY 2180/2181:** Univ Physics II w/lab (5cr)

EARTH/SPACE

(32 credit minimum):

- **ESG 1010:** Geology (3cr)
- **ESG 1011:** Lab (concurrent w/1010) (1cr)
- **ESG 1020:** Interpreting the Earth (4cr)
- **ESG 1050:** Oceanography (4cr)
- **ESG 1370:** Meteorology (3cr)
- **ESG 2130:** Mineralogy (4cr)
- **ESG 3160:** Petrology (4cr)
- **ESG 3300:** Structural Geology (4cr)
- **ESG 3400:** Sedimentology & Strat (4cr)
- **AST 2010:** Descriptive Astronomy (4cr)
- **AST 2011:** Lab (concurrent w/2010) (1cr)

PHYSICS

(32 credit minimum):

- ☐ **PHY 2170:** University Physics I (4cr)
- ☐ **PHY 2171:** Lab (concurrent w/2170) (1cr)
- ☐ **PHY 2180:** University Physics II (4cr)
- ☐ **PHY 2181:** Lab (concurrent w/2180) (1cr)
- ☐ **PHY 3100:** The Sounds of Music (4cr)
- ☐ **PHY 3300:** Intro Modern Physics (3cr)
- ☐ **PHY 3310:** Lab (concurrent w/3300) (2cr)
- ☐ **PHY 5200:** Classical Mechanics I (3cr)
- ☐ **PHY 5340:** Optics (3cr)
- ☐ **PHY 5341:** Lab (concurrent w/5340) (2cr)
- ☐ **PHY 5620:** Elect & Electrical Measure (3cr)
- ☐ **PHY 6600:** Electromagnetic Fields I (3cr)
- ☐ **Science electives (4cr)**

Additional coursework to complete major:

- ☐ **MAT 2020:** Calculus II (4cr)
- ☐ **MAT 2030:** Calculus III (4cr)
- ☐ **MAT 2150:** Differential Equations (4cr)
- ☐ **PHY 5100:** Methods Theoretical Phy I (3cr)

SOCIAL STUDIES MAJOR CONCENTRATIONS (SINGLE SUBJECT)

ECONOMICS

(30 credit minimum)

- ☐ **ECO 2010:** Microeconomics (4cr)
- ☐ **ECO 2020:** Macroeconomics (4cr)
- ☐ **ECO 5100:** Stats & Econometrics (4cr)
- ☐ **ECO 5300:** International Trade (4cr)
- ☐ **ECO 5310:** International Finance (4cr)
- ☐ **ECO 5400:** Labor Economics (4cr)
- ☐ **Two ECO Electives (5XXX or higher) (8cr)**

HISTORY

(30 credit minimum)

- ☐ **HIS 1000: World Civilization to 1500 (3cr)**
- ☐ **HIS 1300: Eur & World: 1500-1945 (3cr)**
- ☐ **HIS 1400: The World Since 1945 (4cr)**
- ☐ **HIS 2040: US Foundations to 1877 (3cr)**
- ☐ **HIS 2050: Modern US: Since 1877 (3cr)**
- ☐ **HIS 2240: History of Michigan (3cr)**
- ☐ **HIS 3140: Afr Am Hist I: 1400-1865 (3cr)**
- ☐ **HIS 3150: Afr Am Hist II: 1865-1968 (3cr)**
- ☐ **Two HIS electives (3XXX or higher) (6cr)**

POLITICAL SCIENCE

(30 credit minimum)

- ☐ **PS 1010: American Government (4cr)**
- ☐ **PS 2710: Intro to Comp Politics (4cr)**
- ☐ **PS 2810: World Politics (4cr)**
- ☐ **PS 3020: Political Parties & Elections (4cr)**
- ☐ **PS 3070: Michigan Politics (4cr)**
- ☐ **PS 5120: Constitutional Rights (4cr)**
- ☐ **Two PS electives (3XXX or higher) (6cr)**