



# WAYNE STATE

## College of Education

Division of Academic Services

NAME: \_\_\_\_\_ / \_\_\_\_\_  
Student Initials

ACCESS ID: \_\_\_\_\_

CATALOG YR: \_\_\_\_\_

ADVISOR & DATE: \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_  
REV REV

## Secondary Education Curriculum Guide

### Secondary Education

The Secondary Education program leads to a Michigan Secondary Standard Teaching Certificate for teaching in grades 6-12. Some majors lead to K-12 certification and are attached to the Secondary Standard Teaching Certificate. These majors include Physical Education (Kinesiology Pedagogy), Music Education and Visual Arts Education (see note at bottom\*).

The program for Secondary Education consists of University General Education Requirements (Competency Requirements, and Group Requirements), College Requirements, a teaching major, a teaching minor, and a sequence of professional education courses including one semester of pre-student teaching and one semester of student teaching. The policy of the College of Education is to provide teaching experiences in both an urban and a suburban setting.

### College of Education Level 1: Completing University & College Requirements

Your admission to the College of Education begins with Level 1, which is the level for newly admitted freshmen, transfer students, and existing WSU students that change their major to Elementary Education or Secondary Education or Special Education. This level is the beginning of your journey to become a certified teacher. You will focus on coursework to meet the university's General Education Requirements and courses to build your content knowledge of subjects that you may teach. During this time, you will explore your decision to become a teacher by completing 40 hours of group work with children and by completing some coursework in Teacher Education. This is also a time to meet the requirements for the next level of admission by completing Level 2 admission requirements, such as the Basic Skills Requirement.

### College of Education Level 2: The Professional Education Sequence

Level 2 is the time when you transition from student to professional as your journey to becoming a teacher nears completion. In Level 2 you will complete coursework in our Professional Education Sequence to learn how to teach, to differentiate instruction, to assess student learning and to deepen your knowledge of the profession. At the heart of Level 2 are clinical experiences: Experiences in real classroom contexts that allow you to see, hear, and reflect on the dynamic character of urban classrooms. By the end of Level 2 you should have completed all coursework requirements, passed your Michigan Test for Teacher Certification exams and completed student teaching. You should be ready for recommendation to the State of Michigan for teacher certification to begin your career in the teaching profession.

### Important Restrictions

- **No grade below a "C" may be used to meet College Requirements or courses in the major, minor, and the Professional Education Sequence. Note: All students must receive a "C" or higher in Basic and Intermediate Composition if these requirements are completed or transferred in Fall 2008 or thereafter. A grade of "C-" is not acceptable.**
- **Not more than 64 semester hours from a two-year school or schools will apply toward graduation.**
- **This curriculum guide is subject to change based on WSU start date.**

\* **Students majoring in Health, Music Education, Physical Education, and Visual Arts Education are not to follow this guide. Please consult the appropriate curriculum guide for your major.**

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Detroit, Michigan 48202

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AskCOE@wayne.edu

## University Competency Requirements

Competency Requirement	Course(s)	Alternate Ways to Meet Competency	Completed By	Done
Basic Composition (BC) (Grade of "C" or higher if completed or transferred in Fall 2008 or thereafter)	Choose one: ENG 1020, or ENG 1050	A, B	30 hours	
Intermediate Composition Post-2018 (ICN) (Grade of "C" or higher if completed or transferred in Fall 2008 or thereafter)	Choose one: AFS 2390, ENG 2390, ENG 3010, ENG 3020, or ENG 3050	A, B	60 hours	
Oral Communication (OC)	Choose one: COM 1010 or ENG 3060	A, B, C	60 hours	
Quantitative Experience (QE)	Choose one: BA 1200, BA 2300, FPC 1010, MAE 1000, MAT 1000, MAT 1050, MAT 1110, MAT 1120, MAT 1500, MAT 1800, MAT 2010, MAT 2020, MAT 2210, PS 1050, STA 1020, or THR 2651, PHI 1070	A, B, C, D	30 hours	

### Alternative Ways to Meet Competency Requirements

A	Transfer Credit	Transfer credit received for successful completion of a comparable course completed with a grade of C or better at another college or university. Transfer equivalencies can be found at <a href="http://transfercredit.wayne.edu/">http://transfercredit.wayne.edu/</a> .
B	Advanced Placement (AP), College Level Examination Program (CLEP), or International Baccalaureate (IB)	There is no limit to the number of transferable credit hours that may be granted for any combination of AP, CLEP, and IB tests. For more information and to view score and credit equivalency charts please go to <a href="http://transfercredit.wayne.edu/">http://transfercredit.wayne.edu/</a> .
C	Wayne State University Exams	For more information about Competency and, Placement examinations, contact Testing & Evaluation and Research Services in the Student Center Building, Room 686, 313-577-3400, e-mail: <a href="mailto:testing@wayne.edu">testing@wayne.edu</a> ; website: <a href="http://www.testing.wayne.edu">http://www.testing.wayne.edu</a> .
D	Nationally Standardized Test	Obtaining a score of 25 or better on the ACT math, a 580 or higher on the SAT math before March 2016 or a 600 or higher on the SAT math March 2016 or later. An official score report is required.

### Michigan Transfer Agreement (MTA)

Students transferring to WSU with MTA in fall 2018 and beyond will have satisfied **all** of Wayne State General Education requirements. All college, program, major and minor requirements must also be completed (at least 120 credits) for students who fulfill the MTA requirements.

Your community college will provide detailed information, including approved courses, for completing the MTA. We recommend that you review our transfer plans and consult your community college advisor about fulfilling MTA requirements and how to request an MTA transcript evaluation.

## University Group Requirements (Inquiry Courses)

Courses may only be used to satisfy one inquiry area even though some courses appear in several categories.

Where a choice among courses is possible to meet Competency Requirements, Group Requirements, and College Requirements, the College of Education recommends those courses that would also fulfill a requirement for a major or minor in that subject. These courses are denoted in **BOLD**. Group requirements for **Natural Science** and **Civic Literacy** are not found on this page and are fulfilled by College Requirements listed on page 4.

Many Inquiry requirements can be met alternatively by items A and B on page 2.

Inquiry Requirement	Courses meeting inquiry requirements	Done
<b>Natural Science Inquiry (NSI)</b> <b>(2 Courses Required)</b>	Fulfilled by BIO 1030, BIO 1050, <b>BIO 1500</b> or <b>BIO 1510</b> and PSY 1010, or PSY 1020	See pg 4
<b>Laboratory (NSIL)</b>	Fulfilled by a Natural Science course if completed with the appropriate lab (including PSY 1010 if completed at WSU in or after Fall 1987) or another Natural Science course if completed with the appropriate lab.	
<b>Civic Literacy Inquiry (CIV)</b>	Fulfilled by <b>PS 1010</b> , or <b>PS 1030</b>	See pg 4
<b>Social Inquiry (SI)</b>	Choose one: AFS 1010, AFS 2210, HIS 3360, ANT 2100, ANT 3200, ANT 3410, ANT700, ASN 1700, ASN 1710, COM 2200, CRJ 1010, ECO 1000, <b>ECO 2010</b> , <b>ECO 2020</b> , HIS 2800, <b>GPH 1100</b> , <b>GPH 2000</b> , GPH 3130, GPH 3200, GSW 2700, HIS 1000, HIS 1050, <b>HIS 1300</b> , <b>HIS 1400</b> , HIS 1600, HIS 1610, HIS 1900, HIS 1910, HIS 1995, HIS 2000, <b>HIS 2050</b> , HIS 3250, HON 1000, LAS 3610, PH 3100, PS 1000, <b>PS 1010</b> , <b>PS 1030</b> , PS 2000, PS 2240, SOC 1010, SOC 1020, SOC 2203, SOC 2208, SOC 2209, SOC 2300, or SOC 2510	
<b>Cultural Inquiry (CI)</b>	Choose one: AFS 2010, AH 1000, AH 1110, AH 1120, AH 1130, ANT 2400, ANT 3100, CLA 1010, CLA 2000, CLA 2200, CLA 2300, CLA 3590, CLA 3720, COM 2010, COM 2020, COM 2160, <b>COM 2500</b> , DNC 2000, DNC 2310, ENG 2100, ENG 2110, ENG 2120, ENG 2210, ENG 2310, ENG 2420, ENG 2560, ENG 2570, <b>ENG 2200</b> , ENG 2430, ENG 2440, ENG 2445, ENG 2450, ENG 2470, ENG 2500, ENG 2565, ENG 2585, ENG 2510, ENG 2720, ENG 2800, FRE 2700, FRE 2991, GER 2700, GER 2991, GER 2310, GLS 2700, GSW 2500, HEB 3240, HIS 1800, HIS 1810, HON 4200, ITA 2710, ITA 2700, ITA 2720, ITA 3300, LAS 2100, LAS 2110, LIN 2720, MUH 1340, MUH 1345, MUH 1350, MUH 1351, MUH 1370, MUH 5340, NE 2010, NE 2060, PHI 1010, PHI 1020, PHI 1100, PHI 1110, PHI 1120, PHI 1130, PHI 1200, PHI 1500, PHI 2100, PHI 2110, PHI 2140, PHI 2320, PHI 2360, PHI 2400, PHI 2550, PHI 2650, PHI 3500, PHI 3550, PHI 3700, POL 3750, PS 3510, PS 3520, RUS 2700, RUS 2991, RUS 3600, RUS 3650, SLA 2310, SLA 3710, SPA 2700, THR 1010, or THR 1041	
<b>Diversity Equity and Inclusion Inquiry (DEI)</b>	Choose one: AFS 1010, AFS 2010, AFS 2210, AFS 2390, AFS 2600, AFS 3140, AFS 3150, AFS 3155, AFS 3170, AFS 3180, AH 3750, ANT 2020, ANT 3520, ANT 3530, ANT 3540, ANT 3560, APH 5860, ARM 3410, COM 4040, <b>COM 4300</b> , ENG 2530, ENG 2570, <b>ENG 2390</b> , GER 3410, GSW 2500, GSW 2600, GSW 2650, GSW 2700, GSW 2750, HIS 3240, HIS 3650, LAS 1420, LAS 1910, LAS 2100, LAS 2110, LAS 2420, MUH 1350, MUH 1351, MUH 3360, <b>NE 3550</b> , PHI 1100, PHI 1110, PHI 1500, PHI 2360, POL 3410, RUS 3410, SLA 3410, SOC 1020, SOC 2050, SOC 2300, SW 1010, THR 1030, or THR 5821	
<b>Global Learning Inquiry (GLI)</b> Your degree in the College of Education (BS or BA) is determined by how you fulfill the (GLI) Requirement: <b>A BS in Education</b> Degree requires completing a GLI course taught in English about another culture. <b>A BA in Education</b> Degree requires completing a Foreign Language to the Intermediate Level.	Approve Global Learning Inquiry Courses for the <b>BS Degree in Education</b> : AFS 3250, AFS 3420, AFS 3610, AH 1130, AH 3470, ANT 2400, ANT 3100, ANT 3150, ANT 3200, ANT 3410, ANT 3520, ANT 3540, ANT 3550, ANT 3560, ANT 3700, ARM 3410, ASN 1710, COM 4040, <b>COM 4300</b> , CRJ 3900, DNC 2000, DNC 2400, ENG 2540, ENG 2670, ENG 2730, FRE 2710, FRE 2720, GER 2710, GER 2720, GER 3410, GKM 3710, GLS 2700, GPH 2700, <b>HIS 1000</b> , <b>HIS 1400</b> , HIS 1610, HIS 1800, HIS 1910, HIS 2440, HIS 2605, HIS 2800, HON 4260, ITA 2710, ITA 2720, JPN 4550, JPN 4560, LAS 2100, LAS 2420, LIN 2730, MUH 1340, MUH 1345, MUH 1370, MUH 5340, NE 2000, NE 2040, NE 3225, <b>NE 3550</b> , PHI 2150, PHI 2170, POL 2710, POL 3410, RUS 2710, RUS 3410, SLA 3410, SOC 2510, or THR 5751  <b>-or-</b> Approved Foreign Language Sequence for the <b>BA Degree in Education</b> : Complete one foreign language sequence through the third semester (Intermediate Level: 2010 or 2110)	

## College Requirements for Secondary Education

Required Courses	Credit	Code	Done
<b>Choose One:</b> PSY 1010 Introductory Psychology (4 cr.) or PSY 1020 Elements of Psychology (3 cr.)	4 or 3	NSI	
<b>Choose One:</b> PS 1010 American Government (4 cr.) or PS 1030 The American Governmental System (3 cr.)	4 or 3	CIV, SI	
<b>Choose One:</b> HE 2310 Dynamics of Personal Health HE 3300 Health of the School Child LFA 2330 First Aid and CPR	3	-----	
<b>Choose One:</b> BIO 1030 Biology Today (3-4 crs.) BIO 1050 An Introduction to Life (3-4 crs.) BIO 1500 Basic Life Diversity (4 cr.) BIO 1510 Basic Life Mechanisms (4 cr.)	3 or 4	NSI	
TED 2250 Becoming an Urban Educator	3	-----	

	Requirements for Admission to College of Education Level 2	Done
1	Completion of at least 53 semester hours	
2	A minimum cumulative Grade Point Average of 2.50	
3	Completion of 12 credit hours in the major	
4	Completion of <input type="checkbox"/> TED 2250 and <input type="checkbox"/> 40 hours of group work with children	
5	Completion of Intermediate Composition	
6	Official test scores from a nationally normed test (ACT, SAT or GRE) on file with Wayne State University. Use the following codes to have official scores sent to WSU. (SAT-1898, ACT-2064, GRE-3631)	
7	A copy of a negative Tuberculosis (TB) test (within the last 3 years)	
8	A current (within the last 6 months) Criminal History Check ( <a href="http://coe.wayne.edu/pdfs/criminial_history_new.pdf">http://coe.wayne.edu/pdfs/criminial_history_new.pdf</a> )	
9	Up-to-date transcripts from each undergraduate school attended or WSU Transfer Credit Evaluation.	
10	Any curriculum modifications and/or substitutions are accurately reflected on your Degree Works worksheet ( <a href="https://degreeworks.wayne.edu/">https://degreeworks.wayne.edu/</a> )	
11	A completed Level 2 Application (applications are available online at <a href="https://waynestate.az1.qualtrics.com/jfe/form/SV_3qKtBNQIsMH0zyJ">https://waynestate.az1.qualtrics.com/jfe/form/SV_3qKtBNQIsMH0zyJ</a> ) <b>Deadlines for Level 2 Admission are February 1, June 1 and October 1 for the subsequent semester.</b> / Suggested deadline to submit Level 2 Application: _____	
12	Students with complete applications will be invited to attend the <b>mandatory</b> Cornerstone Welcome, which is the final requirement for admission to Level 2.	



# WAYNE STATE

## College of Education

### Division of Academic Services

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## **Majors and Minors for Secondary Education**

### **Undergraduate Curriculum Guide**

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\* Contact Information only

**Among courses enclosed by a border, choose one.**

**SCIENCE MAJORS: SINGLE-SUBJECT**

► **Some science courses may require advanced courses in mathematics or science. Placement testing may also be required for courses in mathematics and chemistry. Please consult the Bulletin for prerequisite requirements prior to registering for science and mathematics courses.**

► **Students are advised to begin fulfilling the requirement in mathematics as early as possible.**

**BIOLOGY MAJOR** (Minimum 32cr + additional cr in Science)

- BIO 1500 Basic Life Diversity (NSI)..... 4
- BIO 1510 Basic Life Mechanisms (NSI)..... 4
- BIO 2200 Introductory Microbiology (NSI)..... 5
- BIO 2600 Introduction to Cell Biology..... 3
- BIO 2870 Anatomy and Physiology..... 5
- BIO 3070 Genetics..... 5
- BIO 3500 Ecology and the Environment..... 3
- BIO 4200 Evolution..... 3

► **Additional Science Requirements**

- CHM 1220 General Chemistry I (NSI)..... 4  
CHM 1230 Lab (concurrently with 1220)..... 1
- GEL 1010 Geology: The Science of the Earth (NSI)..... 3  
GEL 1011 Lab (concurrently with 1010)..... 1
- PHY 2130 General Physics I (NSI)..... 4  
PHY 2131 Lab (concurrently with 2130)..... 1
- Science Elective(s)..... 5

- SCE 6010 Safety in the Science Classroom..... 2
- CHM 6740 Laboratory Safety..... 2

► **Additional Mathematics Requirement**

- MAT 2010 Calculus I (QE)..... 4
- MAT 2210 Probability & Statistics for Teachers (QE)..... 4

**CHEMISTRY MAJOR** (Minimum 32cr +additional cr in Science)

- CHM 1220 General Chemistry I (NSI)..... 4  
CHM 1230 Lab (concurrently with 1220)..... 1
- CHM 1240 Organic Chemistry I..... 4  
CHM 1250 Lab (concurrently with 1240)..... 1
- CHM 2220 Organic Chemistry II..... 3  
CHM 2230 Lab (concurrently with 2220)..... 2
- CHM 2280 General Chemistry II: Analytical Chemistry..... 3  
CHM 2290 Lab (concurrently with 2280)..... 2
- CHM 3020 Intermediate Inorganic Chemistry I..... 3
- CHM 5400 Biological Physical Chemistry<sup>^</sup>..... 4  
CHM 5550 Lab (concurrently with 5400)..... 2
- CHM 5600 Survey of Biochemistry..... 3

► **Additional Science Requirements**

- BIO 1050 An Introduction to Life\* (NSI)..... 4
- GEL 1010 Geology: The Science of the Earth (NSI)..... 3  
GEL 1011 Lab (concurrently with 1010)..... 1
- PHY 2130 General Physics I (NSI)..... 4  
PHY 2131 Lab (concurrently with 2130)..... 1
- Science Elective(s)..... 4

- SCE 6010 Safety in the Science Classroom..... 2
- CHM 6740 Laboratory Safety..... 2

► **Additional Mathematics Requirement**

- MAT 2010 Calculus I (QE)..... 4
- MAT 2210 Probability & Statistics for Teachers (QE)..... 4

<sup>^</sup> Prerequisite or co-requisite: MAT 2030 Calculus III and PHY 2170 Gen Phy I

**EARTH/SPACE MAJOR** (Minimum 32cr + additional cr in Science)

- GEL 1010 Geology: The Science of the Earth (NSI)..... 3  
GEL 1011 Lab (concurrently with 1010)..... 1
- GEL 1020 Interpreting the Earth ..... 4
- GEL 1050 Oceanography..... 4
- GEL 1370 Meteorology: The Study of Weather ..... 3
- GEL 2130 Mineralogy ..... 4
- GEL 3300 Structural Geology ..... 4
- GEL 3400 Principles of Sedimentology & Stratigraphy ..... 4
- AST 2010 Descriptive Astronomy (NSI)..... 4  
AST 2011 Lab (concurrently with 2010)..... 1

► **Additional Science Requirements**

- BIO 1050 An Introduction to Life\* (NSI)..... 4
- CHM 1220 General Chemistry I (NSI)..... 4  
CHM 1230 Lab (concurrently with 1220)..... 1
- PHY 2130 General Physics I (NSI)..... 3  
PHY 2131 Lab (concurrently with 2130)..... 1

- SCE 6010 Safety in the Science Classroom..... 2
- CHM 6740 Laboratory Safety..... 2

► **Additional Mathematics Requirement**

- MAT 2010 Calculus I (QE)..... 4
- MAT 2210 Probability & Statistics for Teachers (QE)..... 4

**PHYSICS MAJOR** (Minimum 32cr + additional cr in Science)

- PHY 2170 University Physics for Scientist I (NSI)..... 4  
PHY 2171 Lab (concurrently with 2170)..... 1
- PHY 2180 University Physics for Scientist II..... 4  
PHY 2181 Lab (concurrently with 2180)..... 1
- PHY 3100 The Sounds of Music (NSI)..... 4
- PHY 3300 Introductory Modern Physics<sup>§</sup>..... 3  
PHY 3310 Lab (concurrently with 3300)..... 2
- PHY 5200 Classical Mechanics I<sup>^</sup>#..... 3
- PHY 5340 Optics<sup>#</sup>..... 3  
PHY 5341 Lab (concurrently with 5340)..... 2
- PHY 5620 Electronics and Electrical Measurements..... 3
- PHY 6600 Electromagnetic Fields I<sup>~</sup>..... 3

► **Additional Science Requirements**

- BIO 1050 An Introduction to Life\* (NSI)..... 4
- CHM 1220 General Chemistry I (NSI)..... 4  
CHM 1230 Lab (concurrently with 1220)..... 1
- GEL 1010 Geology: The Science of the Earth (NSI)..... 3  
GEL 1011 Lab (concurrently with 1010)..... 1
- Science Elective(s)..... 4

- SCE 6010 Safety in the Science Classroom..... 2
- CHM 6740 Laboratory Safety..... 2

► **Additional Mathematics Requirement**

- MAT 2010 Calculus I (QE)..... 4
- MAT 2210 Probability & Statistics for Teachers (QE)..... 4

<sup>§</sup> Prerequisite: MAT 2020 Calculus II

<sup>^</sup> Prerequisite: PHY 5100 Methods of Theoretical Phys I

<sup>#</sup> Prerequisite: MAT 2030 Calculus III

<sup>~</sup> Prerequisite: MAT 2150 Differential Equations

**\* Some Science courses are offered for varying credits. Students are to complete the above Science courses for the specified amount of credit.**

**Among courses enclosed by a border, choose one.**

**INTEGRATED SCIENCE COMPREHENSIVE MAJOR (Min. 61 cr)**

- ▶ **A minor is not required with the Integrated Science Comprehensive major.**
- ▶ **Some science courses may require advanced courses in mathematics or science. Placement testing may also be required for courses in mathematics and chemistry. Please consult the Bulletin for prerequisite requirements prior to registering for science and mathematics courses.**
- ▶ **Students are advised to begin fulfilling the requirement in mathematics as early as possible.**

**BIOLOGY (5 courses for 20 credits minimum)**

- BIO 1500 Basic Life Diversity (NSI)..... 4
- BIO 1510 Basic Life Mechanisms (NSI)..... 4
- BIO 2200 Introductory Microbiology (NSI)..... 5
- BIO 3070 Genetics..... 5

▶ **The only prerequisite to BIO 3070 for Secondary Education Students with an Integrated Science Major is BIO 2200 Introductory Microbiology.**

- BIO 4120 Comparative Physiology..... 4

**CHEMISTRY (4 courses, plus labs for 17 credits minimum)**

- CHM 1220 General Chemistry I (NSI)..... 4
- CHM 1230 Lab (concurrently with 1220)..... 1
- CHM 1240 Organic Chemistry I..... 4
- CHM 1250 Lab (concurrently with 1240)..... 1
- CHM 2220 Organic Chemistry II..... 3
- CHM 2230 Lab (concurrently with 2220)..... 2

- SCE 6010 Safety in the Science Classroom..... 2
- CHM 6740 Laboratory Safety..... 2

**PHYSICS (3 courses, plus labs for 12 credits minimum)**

- PHY 2130 General Physics I (NSI)..... 4
- PHY 2131 Lab (concurrently with 2130)..... 1
- PHY 2140 General Physics II..... 4
- PHY 2141 Lab (concurrently with 2140)..... 1
- PHY 5015 Non-Classical Physics for Educators..... 3
- PHY 3310 Lab (concurrently with 5015)..... 2

▶ **When registering for PHY 3310, please contact Dawn Nieder Miller, Dept. of Physics Academic Advisor, for an override by sending an email message to aa9216@wayne.edu or by calling (313) 577-0180. Include the term and CRN of the section you wish to add.**

**EARTH/SPACE SCIENCE (3 courses, plus labs for 12 credits)**

- AST 2010 Descriptive Astronomy (NSI)..... 4
- AST 2011 Lab (concurrently with 2010)..... 1
- GEL 1010 Geology: The Science of the Earth (NSI)..... 3
- GEL 1011 Lab (concurrently with 1010)..... 1
- GEL 1370 Meteorology: The Study of Weather ..... 3

**ADDITIONAL REQUIREMENTS**

- MAT 1800 Elementary Functions (QE)..... 4
- MAT \_\_\_\_ Elective in Mathematics..... 2
- CSC \_\_\_\_ Elective in Computer Science..... 2

\* **Some Science courses are offered for varying credits. Students are to complete the above Science courses for the specified amount of credit.**

**MATHEMATICS MAJOR (Minimum 41 credits)**

- MAT 2010 Calculus I (QE)..... 4
- MAT 2020 Calculus II (QE)..... 4
- MAT 2030 Calculus III..... 4
- MAT 2210 Probability & Statistics (QE)..... 4
- MAT 2250 Elementary Linear Algebra..... 3
- MAT 2860 Discrete Mathematics..... 3
- MAT 5000 Fundamental Concepts of Math & Proof Writing 3
- MAT 5070 Elementary Analysis..... 4
- MAT 5400 Elementary Theory of Numbers..... 3
- MAT 5520 Introduction to Topology..... 3
- MAT 6140 Geometry: An Axiomatic Approach..... 3
- MAT 5420 Algebra 1..... 4
- MAT 6170 Algebra: Ring Theory Thr. Explor, Conj, & Proof 4
- MAE 6200 Teaching Arithmetic, Algebra, & Functions..... 3
- MAE 6210 Teaching Geom, Prob/Stats, & Discrete Math... 3

▶ **All students who plan to take MAT 0995, 1000, 1050, 1110, 1120, 1500, 1800, or 2010 as their first mathematics course at WSU, must take the Mathematics Placement Exam. Please contact Testing, Evaluation, & Research Services at (313) 577-3400 or online at <http://www.testing.wayne.edu/> for test dates.**

**ENGLISH MAJOR (Minimum 30 credits)**

- ENG 2200 Shakespeare (CI)..... 3
- ENG 2390 Intro African-American Literature & Writing (IC) 3
- ENG 3110 English Literature to 1700..... 3
- ENG 3120 English Literature after 1700..... 3
- ENG 3130 American Literature to 1865..... 3
- ENG 3140 American Literature after 1865..... 3

- ENG 5420 American Literature: 1865-1914..... 3
- ENG 5450 Modern American Literature..... 3

- ENG 5720 Linguistics & Education (LIN 5720)..... 3

▶ **ENG 5720 is strongly recommended prior to ENG 5730**

- ENG 5730 English Grammar (LIN 5730)..... 3

▶ **ENG 2390 is strongly recommended prior to ENG 6010**

- ENG 6010 Tutoring Practicum..... 3

**SPEECH MAJOR (Minimum 33 credits beyond COM 1010)**

▶ **COM 1010 is a prerequisite for this major.**

- COM 1500 Survey of Mass Communication..... 3
- COM 2000 Intro to Communication Studies..... 3
- COM 2110 Argumentation and Debate..... 3
- COM 2200 Interpersonal Communication..... 3
- COM 2500 Oral Interpretation of Literature (CI)..... 3

- COM 1600 Introduction to Audio-TV-Film Production..... 3

- COM 2280 Digital Photo Journalism..... 3

- COM 5300 Layout and Design..... 3

- COM 4270 Group Communication & Human Interaction..... 3

- COM 3400 Theories of Communication..... 3

- COM 4130 Communication Ethics ..... 3

- COM 4300 Intercultural Communication (GL, DEI)..... 3

- COM 6070 Directing Forensics..... 3

▶ **COM 6070 is only offered in fall semesters of even-numbered years.**

**Among courses enclosed by a border, choose one.**

**FOREIGN LANGUAGE**

► Courses lower than 3000 will not be counted for a major in Foreign Language. Computation of the major includes only those courses taken in college beginning at the 3000 level. The courses must include grammar, literature, culture, and conversation. Students may be required to complete lower level courses as prerequisites to courses at the 3000 level or above.

► Students who major in a language are advised to minor in English or in a second foreign language.

► Students must score at the Advanced Low Level in French, or Spanish, or at the Intermediate High Level in Arabic as measured by the Oral Proficiency Interview (OPI) from the American Council on the Teaching of Foreign Languages and pass the Michigan Test for Teacher Certification in the appropriate subject area. For more information about the OPI, please visit the following website: <https://testing.wayne.edu/>

► K-12 certification is available for students majoring in Arabic, French, or Spanish. Students will complete the following methodology courses after admission to Level 2: LED 6500 (3cr), LED 6520 (3cr), LED 6530 (3cr), EDP 5450 (3cr) and RLL 6700 (3cr).

**ARABIC MAJOR (Minimum 30 credits)**

- ARB 3110 Advanced Arabic I..... 3
- ARB 3120 Advanced Arabic II..... 3
- ARB 3210 Spoken Arabic..... 3
- ARB 5230 Structure of Arabic (NE 5230)..... 3
- ARB 5140 Modern Arabic Literature in Arabic & Eng..... 3
- ARB 5010 Medieval Arabic Texts..... 3
- ARB 5020 Media Arabic..... 3
- ARB 5240 Quranic Arabic..... 3
- NE 3040 Twentieth Century Middle East (HIS 3320)..... 3
- NE 3550 Arab Society in Transition (GL, DEI)..... 3

**FRENCH MAJOR (Minimum 30 credits)**

- FRE 3200 French Cafe..... 3
- FRE 3300 Prose, Poetry, and Performance..... 3
- FRE 4610 Introduction to Literary Textual Analysis..... 3
- FRE 4620 Topics in Sociocultural Analysis..... 3
- FRE 5100 Advanced Composition..... 3
- FRE 5200 French Phonetics & Pronunciation..... 3
- FRE 5305 Advanced Grammar & Stylistics..... 3
- FRE 6450 French Civilization..... 3
- FRE 6470 Contemporary French Society & Institutions..... 3

► **Select two (2) of the following courses:**

- FRE 6510 French Sixteenth Century Literature..... 3
- FRE 6630 French Seventeenth Century Literature ..... 3
- FRE 6650 French Eighteenth Century Literature ..... 3
- FRE 6770 Studies in French Literature ..... 3
- FRE 6810 French Nineteenth Century Literature ..... 3
- FRE 6840 French Twentieth Century Literature ..... 3
- FRE 6860 Francophone Literatures ..... 3

**SPANISH MAJOR (Minimum 30 credits)**

- SPA 3025 Cultural Connections, Grammar and Comp II..... 3
- SPA 3200 Conversation..... 3
- SPA 3300 Introduction to Cultural and Literary Analysis... 3
- SPA 4610 Intro to Early Modern Spanish Lit..... 3
- SPA 4620 Intro to Modern and Contemporary Spanish Lit. 3
- SPA 4630 Intro to Colonial Latin American Lit..... 3
- SPA 4640 Intro to Modern and Contemporary Latin Am Lit. 3
- SPA 5100 Advanced Composition..... 3
- SPA 5200 Spanish Phonetics..... 3
- SPA 5550 Spanish Culture and Its Tradition..... 3
- SPA 5560 Spanish American Cultures and their Trad..... 3
- SPA 5570 Topics in Hispanic Culture or Language..... 3
- SPA 6400 Introduction to Hispanic Linguistics..... 3
- SPA 6560 Cervantes..... 3
- SPA 6620 Latin Am Novel in the 20th and 21st Centuries.. 3



**Among courses enclosed by a border, choose one.**

**SOCIAL STUDIES GROUP MAJOR (Minimum 36 credits)**

- PS 1010 American Government (CIV, SI)..... 4
- PS 3070 Michigan Politics..... 4
- GPH 1100 World Regional Patterns (SI)..... 4
- GPH 2200 Geography of Michigan..... 3
- HIS 1000 World Civilization to 1500 (SI, GL)..... 4
- HIS 1300 Europe and the World: 1500-1945 (SI)..... 4
- HIS 2040 United States to 1877..... 3-4
- HIS 2050 United States Since 1877..... 3-4
- HIS 2240 History of Michigan..... 3-4
- ECO 2010 Principles of Microeconomics (SI)..... 4
- ECO 2020 Principles of Macroeconomics (SI)..... 4

**\* Some courses in Social Studies are offered for 3 or 4 credits. Please verify that your total credits meet the required minimum credit hours for the Social Studies group major. All courses listed above are required.**

**SOCIAL STUDIES COMPREHENSIVE MAJOR (Minimum 54 credits)**

► **A minor is not required with the Social Studies Comprehensive major.**

- PS 1010 American Government (CIV, SI)..... 4
- PS 2420 Ethics and Politics of Public Policy..... 4
- PS 2820 Intro to Peace and Conflict Studies..... 3
- PS 3070 Michigan Politics..... 4
- GPH 1100 World Regional Patterns (SI)..... 4
- GPH 2000 Intro to Urban Studies (SI)..... 4
- GPH 2200 Geography of Michigan..... 3
- HIS 1000 World Civilization to 1500 (SI, GL)..... 4
- HIS 1300 Europe and the World: 1500-1945 (SI)..... 4
- HIS 1400 The World Since 1945 (SI, GL)..... 4
- HIS 2040 United States to 1877..... 3-4
- HIS 2050 United States Since 1877..... 3-4
- HIS 2240 History of Michigan..... 3-4
- ECO 2010 Principles of Microeconomics (SI)..... 4
- ECO 2020 Principles of Macroeconomics (SI)..... 4
- ECO 5410 Economics of Race and Gender..... 4

**ECONOMICS MAJOR (Minimum 30 credits)**

- ECO 2010 Principles of Microeconomics (SI)..... 4
- ECO 2020 Principles of Macroeconomics (SI)..... 4
- ECO 5100 Introductory Statistics & Econometrics..... 4
- ECO 5300 International Trade..... 4
- ECO 5310 International Finance..... 4
- ECO 5400 Labor Economics..... 4
- ECO 5410 Economics of Race & Gender..... 4
- ECO \_\_\_\_ Elective at or above the 5000 level..... 4
- ECO \_\_\_\_ Elective at or above the 5000 level..... 4

**HISTORY MAJOR (Minimum 30 credits)**

- HIS 1000 World Civilization to 1500 (SI, GL)..... 4
- HIS 1300 Europe and the World: 1500-1945 (SI)..... 4
- HIS 1400 The World Since 1945 (SI, GL)..... 4
- HIS 2040 United States to 1877 (SI)..... 3-4
- HIS 2050 United States Since 1877 (SI)..... 3-4
- HIS 2240 History of Michigan..... 3-4
- HIS 3140 The Black Experience in America I: 1619-1865... 3-4
- HIS 3150 The Black Experience in America II: 1865-Pres... 3-4
- HIS \_\_\_\_ Elective at or above the 3000 level..... 3
- HIS \_\_\_\_ Elective at or above the 3000 level..... 3

**POLITICAL SCIENCE MAJOR (Minimum 30 credits)**

- PS 1010 American Government (SI, CIV)..... 4
- PS 2710 Intro to Comparative Politics..... 4
- PS 2810 World Politics..... 4
- PS 3020 Political Parties & Elections..... 4
- PS 3070 Michigan Politics..... 4
- PS 5120 Constitutional Rights & Liberties..... 4
- PS \_\_\_\_ Elective at or above the 3000 level..... 3
- PS \_\_\_\_ Elective at or above the 3000 level..... 3

**OTHER MAJORS FOR SECONDARY EDUCATION**

**Career & Technical Education**

- Business, Management, Marketing, & Technology (BMMT)
  - BMMT as a Group major (minor required).
  - BMMT as a Comprehensive Major (no minor required).
- Health Occupations (**Second Academic Major required**)
- Trade & Industry (**Second Academic Major required**)

CTE Majors: Two years (4000 hours) of recent and relevant work experience (within the past five (5) years) in an occupation related to the major is required. The past five (5) years is calculated from the time when the certification application is submitted, which is near the completion of the certification coursework.

For more information, contact Dr. Geralyn Stephens at (313) 577-0946 or through e-mail at ad9472@wayne.edu.

**Note:** Courses in Career & Technical specializations, which are offered as majors in community colleges, must be completed prior to admission to Level 2.

**Health Education**

Contact Dr. Mariane Fahlman at (313) 577-5066 or through email at aa1673@wayne.edu for advising.

**Kinesiology Pedagogy (Physical Education)**

Contact Leah Ketcheson at (313) 577-4249 or through email at leah.ketcheson@wayne.edu

**Music Education: Instrumental**

Contact Dr. Wendy K. Matthews at (313) 577-2674 or through email at ag7658@wayne.edu for advising.

**Music Education: Vocal**

Contact Dr. Abigail Butler (313) 577-2673 or through email at ag7752@wayne.edu for advising.

**Visual Arts Education**

Contact Academic Services in Room 489, College of Education for a current curriculum guide (313) 577-1601.

**Among courses enclosed by a border, choose one.**

**SCIENCE MINORS: SINGLE-SUBJECT**

► **Some science courses may require advanced courses in mathematics or science. Placement testing may also be required for courses in mathematics and chemistry. Please consult the Bulletin for prerequisite requirements prior to registering for science and mathematics courses.**

► **The minimum credit hour requirement for Single-Subject Science Minors does not include the additional requirements in lab safety (except in the Chemistry minor) or mathematics.**

**BIOLOGY MINOR** (Minimum 21 credits)

- BIO 1500 Basic Life Diversity (NSI)..... 4
- BIO 1510 Basic Life Mechanisms (NSI)..... 4
- BIO 2200 Introductory Microbiology (NSI)..... 4
- BIO 2870 Anatomy and Physiology..... 5
- BIO 3070 Genetics\*..... 5

**ADDITIONAL REQUIREMENTS**

- MAT 1800 Elementary Functions (QE)..... 4
- SCE 6010 Safety in the Science Classroom..... 2
- CHM 6740 Laboratory Safety..... 2

**CHEMISTRY MINOR** (Minimum 20 credits)

- CHM 1220 General Chemistry I (NSI)..... 4  
CHM 1230 Lab (concurrently with 1220)..... 1
- CHM 1240 Organic Chemistry I..... 4  
CHM 1250 Lab (concurrently with 1240)..... 1
- CHM 2220 Organic Chemistry II..... 3  
CHM 2230 Lab (concurrently with 2220)..... 2
- CHM 2280 General Chemistry II: Analytical Chemistry..... 3  
CHM 2290 Lab (concurrently with 2280)..... 2

**ADDITIONAL REQUIREMENTS**

- MAT 1800 Elementary Functions (QE)..... 4
- SCE 6010 Safety in the Science Classroom..... 2
- CHM 6740 Laboratory Safety..... 2

**EARTH/SPACE MINOR** (Minimum 24 credits)

- GEL 1010 Geology: The Science of the Earth (NSI)..... 3  
GEL 1011 Lab (concurrently with 1010)..... 1
- GEL 1020 Interpreting the Earth ..... 4
- GEL 1370 Meteorology: The Study of Weather ..... 3
- GEL 2130 Mineralogy ..... 4
- GEL 3160 Petrology ..... 4
- GEL 3400 Principles of Sedimentology & Stratigraphy ..... 4
- AST 2010 Descriptive Astronomy (NSI)..... 4  
AST 2011 Lab (concurrently with 2010)..... 1

**ADDITIONAL REQUIREMENTS**

- MAT 1800 Elementary Functions (QE)..... 4
- SCE 6010 Safety in the Science Classroom..... 2
- CHM 6740 Laboratory Safety..... 2

\* **Some Science courses are offered for varying credits. Students are to complete the above Science courses for the specified amount of credit.**

**PHYSICS MINOR** (Minimum 22 credits)

- PHY 2130 General Physics I (NSI)..... 4  
PHY 2131 Lab (concurrently with 2130)..... 1
- PHY 2140 General Physics II..... 4  
PHY 2141 Lab (concurrently with 2140)..... 1
- PHY 5015 Non-Classical Physics for Educators..... 3  
PHY 3310 Lab (concurrently with 5015)..... 2

► **When registering for PHY 3310, please contact Dawn Niedermiller, Dept of Physics Academic Advisor, for an override by sending an email message to [aa9216@wayne.edu](mailto:aa9216@wayne.edu) or by calling (313) 577-0180. Include the term and CRN of the section you wish to add.**

- PHY 5620 Electronics and Electrical Measurements..... 3
- PHY \_\_\_\_ Elective at or above the 1000 level..... 3

**ADDITIONAL REQUIREMENTS**

- MAT 1800 Elementary Functions (QE)..... 4
- SCE 6010 Safety in the Science Classroom..... 2
- CHM 6740 Laboratory Safety..... 2

**MATHEMATICS MINOR** (Minimum 31 credits)

- MAT 2010 Calculus I (QE)..... 4
- MAT 2020 Calculus II (QE)..... 4
- MAT 2210 Probability & Statistics for Teachers (QE)..... 4
- MAT 2250 Elementary Linear Algebra..... 3
- MAT 2860 Discrete Mathematics..... 3
- MAT 5000 Fundamental Concepts of Math & Proof Writing 3

- MAT 5420 Algebra 1..... 4
- MAT 6170 Algebra: Ring Theory Thr. Explor, Conj, & Proof 4

- MAT 6140 Geometry: An Axiomatic Approach..... 3
- MAE 6210 Teaching Geometry, Prob/Stats, & Discrete Mat 3

► **All students who plan to take MAT 0995, 1000, 1050, 1110, 1120, 1500, 1800, or 2010 as their first mathematics course at WSU, must take the Mathematics Placement Exam. Please contact Testing, Evaluation, & Research Services at (313) 577-3400 or online at <http://www.testing.wayne.edu/> for test dates.**

**Among courses enclosed by a border, choose one.**

**FOREIGN LANGUAGE MINOR**

► Courses lower than 3000 will not be counted for a minor in Foreign Language. Computation of the minor includes only those courses taken in college beginning at the 3000 level. The courses must include grammar, literature, culture, and conversation. Students may be required to complete lower level courses as prerequisites to courses at the 3000 level or above.

► Students must score at the Advanced Low Level in French, or Spanish, or at the Intermediate High Level in Arabic as measured by the Oral Proficiency Interview (OPI) from the American Council on the Teaching of Foreign Languages (ACTFL) and pass the Michigan Test for Teacher Certification in the appropriate subject area. For more information about the OPI, please visit the following website: <https://testing.wayne.edu/>

**ARABIC MINOR (Minimum 21 credits)**

- ARB 3110 Advanced Arabic I..... 3
- ARB 3120 Advanced Arabic II..... 3
- ARB 3210 Spoken Arabic..... 3
- ARB 5230 Structure of Arabic (NE 5230)..... 3
- ARB 5140 Modern Arabic Literature in Arabic and Eng..... 3
- NE 3040 Twentieth Century Middle East (HIS 3320)..... 3
- NE 3550 Arab Society in Transition (GL) (DEI)..... 3

**FRENCH MINOR (Minimum 21 credits)**

- FRE 3200 French Cafe..... 3
- FRE 3300 Prose, Poetry, and Performance..... 3
- FRE 4610 Introduction to Literary Textual Analysis..... 3
- FRE 4620 Topics in Sociocultural Analysis..... 3
- FRE 5100 Advanced Composition..... 3
- FRE 5200 French Phonetics & Pronunciation..... 3
- FRE 5305 Advanced Grammar & Stylistics..... 3

**SPANISH MINOR (Minimum 21 credits)**

- SPA 3025 Cultural Connections, Grammar and Comp II.... 3
- SPA 3200 Conversation..... 3
- SPA 3300 Introduction to Cultural and Literary Analysis... 3
- SPA 4610 Intro to Early Modern Spanish Lit..... 3
- SPA 4620 Intro to Modern and Contemporary Spanish Lit.. 3
- SPA 4630 Intro to Colonial Latin American Lit..... 3
- SPA 4640 Intro to Modern and Contemporary Latin Am Lit. 3
- SPA 5100 Advanced Composition..... 3
- SPA 5200 Spanish Phonetics..... 3

**BILINGUAL-BICULTURAL MINOR (Minimum 21 credits)**

► Students must demonstrate advanced low proficiency (speaking, reading, and writing) in a non-English language as measured by the Oral Proficiency Interview (OPI) and the Writing Proficiency Test (WPT) from the ACTFL. For more information about the OPI and WPT, please visit the following website: <https://testing.wayne.edu/>

► The minor is completed after admission to Level 2.

► Students should complete their pre and/or student teaching in a bilingual classroom setting.

- BBE 5500 Introduction to Bilingual/Bicultural Education..... 3
- BBE 6560 Teaching Methods in Bilingual/Bicultural Ed..... 3
- LED 6520 Teaching English as a Second Lang: Methods I. 3
- BBE 6850 Applied Linguistics: Issues in Bilingual Ed..... 3
- BBE 6590 Culture & Language in Bilingual/Bicultural Ed.... 3
- RLL 6700 Second Language Literacy Development K-12.. 3
- LED 6555 Integration of Language & Content in Teaching. 3

**ENGLISH AS A SECOND LANGUAGE MINOR (Minimum 21 credits)**

► A major or minor in English is strongly recommended with an ESL Minor.

► The minor is completed after admission to Level 2.

- LED 6520 Teaching English as a Second Lang: Methods I. 3
- LED 6510 Second Lang Acquisition & Teaching Grammar. 3
- LED 6565 Assessment in Language Teaching..... 3
- BBE 6850 Applied Linguistics: Issues in Bilingual Ed..... 3
- LED 6580 Culture as the Basis for Language Teaching.... 3
- RLL 6700 Second Language Literacy Development K-12.. 3
- LED 6555 Integration of Language & Content in Teaching.. 3

**Among courses enclosed by a border, choose one.**

<b>ENGLISH MINOR (Minimum 24 credits)</b>	
<input type="checkbox"/> ENG 2200 Shakespeare (SI).....	3
<input type="checkbox"/> ENG 2390 Intro African-American Literature & Writing (IC) 3	
<input type="checkbox"/> ENG 3110 English Literature to 1700.....	3
<input type="checkbox"/> ENG 3120 English Literature after 1700.....	3
<input type="checkbox"/> ENG 3130 American Literature to 1865.....	3
<input type="checkbox"/> ENG 3140 American Literature after 1865.....	3
<input type="checkbox"/> ENG 5420 American Literature: 1865-1914.....	3
<input type="checkbox"/> ENG 5450 Modern American Literature.....	3
<input type="checkbox"/> ENG 5720 Linguistics & Education (LIN 5720).....	3
<b>▶ ENG 5720 is strongly recommended prior to ENG 5730</b>	
<input type="checkbox"/> ENG 5730 English Grammar (LIN 5730).....	3
<b>▶ ENG 2390 is strongly recommended prior to ENG 6010</b>	
<input type="checkbox"/> ENG 6010 Tutoring Practicum.....	3

<b>SPEECH MINOR (Minimum 21 credits beyond COM 1010)</b>	
<b>▶ COM 1010 is a prerequisite for this minor.</b>	
<input type="checkbox"/> COM 1500 Survey of Mass Communication.....	3
<input type="checkbox"/> COM 2000 Intro to Communication Studies.....	3
<input type="checkbox"/> COM 2110 Argumentation and Debate.....	3
<input type="checkbox"/> COM 2200 Interpersonal Communication.....	3
<input type="checkbox"/> COM 2500 Oral Interpretation of Literature (CI).....	3
<input type="checkbox"/> COM 4130 Communication Ethics .....	3
<input type="checkbox"/> COM 6070 Directing Forensics.....	3

<b>ECONOMICS MINOR (Minimum 21 credits)</b>	
<input type="checkbox"/> ECO 2010 Principles of Microeconomics (SI).....	4
<input type="checkbox"/> ECO 2020 Principles of Macroeconomics (SI).....	4
<input type="checkbox"/> ECO 5300 International Trade.....	4
<input type="checkbox"/> ECO 5310 International Finance.....	4
<input type="checkbox"/> ECO 5400 Labor Economics.....	4
<input type="checkbox"/> ECO 5410 Economics of Race & Gender.....	4
<input type="checkbox"/> ECO ____ Elective at or above the 5000 level.....	3

<b>HISTORY MINOR (Minimum 21 credits)</b>	
<input type="checkbox"/> HIS 1000 World Civilization to 1500 (SI, GL).....	4
<input type="checkbox"/> HIS 1300 Europe and the World: 1500-1945 (SI).....	4
<input type="checkbox"/> HIS 1400 The World Since 1945 (SI, GL).....	4
<input type="checkbox"/> HIS 2040 United States to 1877 (SI).....	3-4
<input type="checkbox"/> HIS 2050 United States Since 1877 (SI).....	3-4
<input type="checkbox"/> HIS 2240 History of Michigan.....	3-4
<input type="checkbox"/> HIS 3140 The Black Experience in America I: 1619-1865... 3-4	
<input type="checkbox"/> HIS 3150 The Black Experience in America II: 1865-Preser 3-4	

<b>POLITICAL SCIENCE MINOR (Minimum 20 credits)</b>	
<input type="checkbox"/> PS 1010 American Government (SI, CIV).....	4
<input type="checkbox"/> PS 2710 Intro to Comparative Politics.....	4
<input type="checkbox"/> PS 2810 World Politics.....	4
<input type="checkbox"/> PS 3020 Political Parties & Elections.....	4
<input type="checkbox"/> PS 3070 Michigan Politics.....	4

<b>HEALTH EDUCATION MINOR (Minimum 21 credits)</b>	
<input type="checkbox"/> HE 3300 Health of the School Child.....	3
<input type="checkbox"/> HE 3440 Nutrition & Health Education.....	3
<input type="checkbox"/> KHS 6540 Workshop in Nutrition.....	3
<input type="checkbox"/> HE 4340 Family & Reproductive Health.....	3
<input type="checkbox"/> HE 5440 Mental Health & Substance Abuse.....	3
<b>▶ HE 5620 requires completion of 12 semester hours in Health and admission to Level 2 (prerequisite).</b>	
<input type="checkbox"/> HE 5620 Performance Based Assessment in Health Ed....	3
<b>▶ HE 3330 or HE 6500 requires completion of 18 semester hours in Health and admission to Level 2 (prerequisite).</b>	

<input type="checkbox"/> HE 3330 Methods in Teaching Health.....	3
<input type="checkbox"/> HE 6500 Comprehensive School Health Education.....	3
<b>▶ HE 6430 requires completion of HE 3330 or HE 6500 and admission to Level 2 (prerequisite).</b>	
<input type="checkbox"/> HE 6430 School Health Curriculum.....	3
<b>▶ Students who minor in Health Education are advised by Dr. Mariane Fahlman. Contact Dr. Fahlman at (313) 577-5066.</b>	

<b>PHYSICAL EDUCATION MINOR (Minimum 27 credits)</b>	
<input type="checkbox"/> KIN 5100 Anatomical and Physiological Bases of Phy Act. 3	
<input type="checkbox"/> KIN 5110 Motor Learning and Development.....	3
<input type="checkbox"/> KIN 5200 Effective Teaching and Instructional Practices... 3	
<input type="checkbox"/> KIN 5220 Sports I.....	3
<input type="checkbox"/> KIN 5240 Fitness Instruction.....	3
<input type="checkbox"/> KIN 5400 Adapted Physical Activity.....	3
<input type="checkbox"/> KIN 5600 Socio-cultural Issues in Physical Activity.....	3
<b>▶ Select two (2) of the following courses:</b>	
<input type="checkbox"/> KIN 5230 Sports II.....	3
<input type="checkbox"/> KIN 5250 Adventure and Outdoor Pursuits.....	3
<input type="checkbox"/> KIN 5260 Aquatic Leadership.....	3

## Important Information for Education Students

### Please Read

#### ► Undergraduate Advising

To determine your progress in meeting all program requirements, please meet with your assigned College of Education Advisor in Academic Services.

The Division of Academic Services in Room 489, College of Education has open advising each Tuesday from 9:00 am to 4:00 pm. If you arrive by 4:00 pm, you are guaranteed to see an advisor.

To schedule an advising appointment for another day, please do so online at: <https://advisingworks.wayne.edu>.

► **Honors Program:** Students may pursue Departmental Honors in Special Education. A minimum 3.30 cumulative GPA and additional coursework is required. For more information, please discuss with your academic advisor.

► **PUBLIC ACT 96 of 1995:** It is a criminal offense to use, or attempt to use, a college or university transcript that is fraudulently obtained, or forged, or to use other fraudulent credentials to obtain a teacher, school administrator, or school psychologist certificate or to obtain State Board approval.

► **PUBLIC ACT 335 of 1993 Sec. 1531b.** Effective July 1, 1995: Applicants to the teacher certification program must demonstrate successful group work with children. Documentation of this group work is required to enter the Teacher Certification Program. A total of 40 hours of successful group work with children is required. The State defines a group as three (3) or more children (not your own) between the ages of 3 and 18. Students are reminded to find a group work experience that is compatible to the age group they plan to teach. The group work experience needs to be recent (within the last 5 years) at the time of admission to the teacher certification program.

Some examples of group work include: Camp counselor, group tutor, playground director, religious teacher, scout leader, substitute teacher, teacher assistant, team coach or youth leader.

► **PUBLIC ACT 68 of 1993 Sec. 1230:** This act requires public and non public schools to conduct a criminal history check of new teachers, school administrators, school psychologists and other personnel required to hold State Board of Education approvals. Students interested in becoming certified teachers must supply a statewide criminal history check prior to admission to the College of Education and again prior to applying for certification.

**If you have criminal background issues, please provide a narrative describing the incident(s) from your perspective for review by a committee in the College of Education. If you do not provide this information at the time of application, your admission/certification will be delayed.**

- Have you ever accepted responsibility in a civil infraction (excluding speeding tickets) or been convicted of (pled no contest to) a misdemeanor or felony?
- Have you had a teaching, school counselor, school psychologist, or school administrator certificate suspended or revoked?
- Is there currently action pending against your teaching, school counselor, school psychologist, or school administrator certificate?
- Have you ever surrendered or nullified a teaching, school counselor, school psychologist, or school administrator certificate?

A criminal history check, by name, without fingerprints may be accessed for a fee at [http://coe.wayne.edu/pdfs/criminal\\_history\\_new.pdf](http://coe.wayne.edu/pdfs/criminal_history_new.pdf)

Any person seeking admission to a teacher certification program who has been convicted of any offense must provide certified copies of all documents relative to his/her conviction, including a "Judgment of Sentence" or "Register of Actions". This document may be obtained from the court where the matter was adjudicated. After review by the College of Education Committee, the applicant will be notified in writing of the Committee's decision.

**Note: The State Board of Education may refuse to grant a teaching certificate to an applicant convicted, as an adult, of an act of immoral conduct contributing to the delinquency of a child, or a felony conviction.**

► **PUBLIC ACT 18 of 2003 Sec. 1531d.:** This act states that "beginning July 1, 2004, the superintendent of public instruction shall not issue an initial teaching certificate to a person unless the person presents evidence satisfactory to the superintendent of public instruction that the person meets the following: Has successfully completed a course approved by the department in first aid and cardiopulmonary resuscitation... and holds valid certification in these topics issued by one of the following organizations approved by the department [Michigan Department of Education]:"

*American Heart Association • American Red Cross • American Safety and Health Institute • Emergency Care & Safety Institute  
Lansing Area Safety Council • Medic First Aid • Safety Council of Southeast Michigan*

Students must submit the following documentation to the College of Education when applying for teacher certification (all of the following must be current):

*Certification in Adult CPR • Certification in Child CPR • Certification in First Aid*

Certification in automated external defibrillation (AED) is recommended, but not required.

► **It is the student's responsibility to become familiar with and to complete all requirements for the program.**

# Professional Education Sequence

Among courses enclosed by a border, choose one.

## The following courses may be taken in Level 1 or 2:

- BBE 5000 Multicultural Education in Urban America..... 2
- SED 5010 Inclusive Teaching ..... 2
- TED 6020 Computer Applications in Teaching I..... 3

## COURSES RESTRICTED TO LEVEL 2

### The following course must be taken prior to TED 5650 Pre-Student Teaching:

- Methods I: Teaching Methods in the Major (see advisor)... 3

### Pre-Student Teaching:

► Students must have completed at least one teaching methods course to take TED 5650.

► Students must formally apply in advance for pre-student teaching. More information about student teaching and the application can be found at: <http://coe.wayne.edu/clinical-experiences/pre-student-teacher.php>. Students planning on pre-student teaching in the fall semester must apply by March 15th of the previous semester. Students planning on pre-student teaching in the winter semesters must apply by September 15th of the previous semester

- TED 5650 Pre-Student Teaching for Secondary (WI)..... 5

### The following courses must be taken prior to TED 5780 Directed Teaching:

- EDP 5480 Adolescent Psychology ..... 2
- EHP 3600 Introduction to the Philosophy of Education..... 3
- RLL 6121 Reading: Middle & Secondary Subject Areas.... 3
- Methods II: Teaching Methods in the Major..... 3
- Methods III: Teaching Methods in the Minor..... 3

### Student Teaching

► Requirements for the major and minor must be completed prior to student teaching.

► Students must formally apply in advance for student teaching. More information about student teaching and the application can be found at: <http://coe.wayne.edu/clinical-experiences/field-experience-getting-started-with-student-teaching.php>. Students planning on student teaching in the fall semester must apply by March 15th of the previous semester. Students planning on student teaching in the winter semesters must apply by September 15th of the previous semester

► Student teaching is a variable credit course. When registering, students must input the correct number of credits as specified in your Degree Works.

- TED 5780 Directed Teaching & Conference..... 10-12

**Total Credits**..... 39

## Subject Area Methodology Courses

► Select **two** method courses in the major subject area and **one** method course in the minor subject area (the first course listed). Students seeking K-12 certification with a major in a world language must take three method courses for the major.

### Career and Technical Education (CTE)

- CTE 5501 Instr Pract for the Teacher Cadet -Module 1..... 1
- CTE 5502 Instr Pract for the Teacher Cadet -Module 2..... 1
- CTE 5503 Instr Pract for the Teacher Cadet -Module 3..... 1
- CTE 5504 Instr Pract for the Teacher Cadet -Module 4..... 1
- CTE 5505 Instr Pract for the Teacher Cadet -Module 5..... 1
- CTE 5506 Instr Pract for the Teacher Cadet -Module 6..... 1

### English Education

- EED 5200 Methods of Teaching English: Grades 6-12..... 3
- EED 6120 English Composition in Secondary Schools..... 3
- EED 6330 Teaching Literature in Secondary Schools..... 3

### Foreign Language Education (6-12)

- LED 6520 Teaching ESL/Foreign Language Methods I..... 3
- LED 6530 Teaching ESL/Foreign Language Methods II..... 3

### Foreign Language Education: (K-12)

► Available only to Foreign Language majors. All three methods courses are required in addition to other courses (see page 8).

- LED 6500 Teaching World Lang in Elem & Middle Sch ..... 3
- LED 6520 Teaching ESL/Foreign Language Methods I..... 3
- LED 6530 Teaching ESL/Foreign Language Methods II..... 3

### Mathematics Education

- MAE 5150 Methods and Materials: Secondary Mathematics... 3
- MAE 6050 Teaching Mathematics in the Middle Grades..... 3

### Science Education: Integrated Science

- SCE 5060 Methods & Materials: Secondary Science I..... 3
- SCE 6030 Advanced Studies in Teaching Science ..... 3

### Science Education: Single-Subject

- SCE 5060 Methods & Materials: Secondary Science I..... 3
- SCE 5070 Methods & Materials: Secondary Science II..... 3

### Social Studies Education

- SSE 6710 Methods & Materials: Secondary Social Studies ... 3
- SSE 6730 New Perspectives in Social Studies Education..... 3

### Speech Education

- COM 6060 Teaching Communication at the Secondary Level 3
- EED 6210 Language, Literacy, & Learning ..... 3