ARTICULATION AGREEMENT
BETWEEN
HENRY FORD COMMUNITY COLLEGE
AND
WAYNE STATE UNIVERSITY

ARTICULATION
JANUARY 15, 2007
ARTICULATION AGREEMENT
BETWEEN HENRY FORD COMMUNITY COLLEGE
AND WAYNE STATE UNIVERSITY

Services to be provided by the College of Education

This agreement, made this January 15, 2007, is by and between Henry Ford Community College and Wayne State University. Said agreement will be applicable to project activities effectuated during the period commencing January 15, 2007 and terminating on January 15, 2012.

WHEREAS, the parties wish and intend by this Agreement to set forth the terms and conditions of engaging in an educational program to help eligible participating students obtain both an Associate degree and a Bachelor degree with an appropriate major from their respective institutions.

ARTICLE I

STATEMENT OF PARTNERSHIP

Henry Ford Community College and Wayne State University will maintain the integrity of their separate programs and enter into this agreement as cooperating educational institutions.

In the performance of their respective duties and obligations under this Agreement, each party is an independent contractor and is neither the agent, employee, or servant of the other, and each is responsible only for its own conduct.

ARTICLE II

AGREEMENT OF PRINCIPLE

Henry Ford Community College and Wayne State University agree that a student may transfer a maximum of sixty-four (64) semester credits toward a Bachelor degree at Wayne State University if the following graduation requirements have been met. The graduation requirements for students who follow the attached articulation agreements are expressed as follows:

1. Complete an Associate of Arts degree from Henry Ford Community College with a concentration in an agreed upon major and minor.
2. Complete all of the University and specific College of Education program requirements as listed in the Wayne State University Undergraduate Catalog.
3. Complete at least 124 semester credits including those transferred from the Associate degree. Only coursework with a grade of "C" or better will apply to the major and minor. Grades of "D" are transferable to meet general education requirements at Wayne State University.
ARTICLE III
AGREEMENT OF PROGRAM ARTICULATION

Henry Ford Community College and Wayne State University agree that a person who has earned an Associate degree from the Henry Ford Community College with a concentration in an appropriate major may transfer to an analogous program without loss of credit. It is further agreed that a person who has completed such an Associate degree program may transfer to Wayne State University and pursue a Bachelor degree by following the articulation agreement program guide appended to this Agreement.

It is further agreed that the Henry Ford Community College and Wayne State University will continue to cooperate in the development of additional program agreements. Such future developments will come under this Agreement and will be added to the program appended to this document upon approval of the joint Development and Review Board established by Article VI.

ARTICLE IV
AGREEMENT ON STUDENT SUPPORT

Henry Ford Community College and Wayne State University further agree to track the progress and success of program participants. Responsibility for this tracking will be conducted through the College of Education at Wayne State University. Henry Ford Community College and Wayne State University also agree to collaborate on other student support services in order to foster student success.

ARTICLE V
AGREEMENT ON COMMUNICATION

Henry Ford Community College and Wayne State University agree to cooperate by communicating with each other and with common and respective publics concerning the established relationships between programs at Henry Ford Community College and Wayne State University. Communication will include the development of various kinds of publications to inform people who might benefit personally from the opportunities provided by a Bachelor's degree program at Wayne State University, based on Associate degree study at Henry Ford Community College.

Henry Ford Community College and Wayne State University further agree to communicate concerning curriculum changes which affect the agreed upon relationships between articulated programs at the respective colleges, and the development of plans which might lead to future opportunities for program articulation between the two institutions. Responsibility for communication related to this agreement will be given to the Vice President and Dean of Academic Education, Henry Ford Community College; and the Dean of the College of Education, Wayne State University, or their designees.
ARTICLE VI

ESTABLISHMENT OF A JOINT DEVELOPMENT AND REVIEW BOARD

Henry Ford Community College and Wayne State University agree to establish and maintain a Joint Development and Review Board for the following purposes:

1. To evaluate the continuing effectiveness of established program agreements.

2. To facilitate modification to those program agreements.

3. To facilitate the development of new articulation agreements in additional program areas.

4. To serve as the vehicle for communication concerning changes in the program involved in the existing agreement and changes or plans which might lead to future agreements.

5. To advise students with regard to exceptional situations.

The Board shall be comprised of four members with two representatives from each institution. Membership on the Board will include representatives from faculty, counseling, and/or administration from each institution. Representatives shall be appointed by the Vice President for Educational Affairs and Dean of Academic Education of Henry Ford Community College and the Dean of the College of Education at Wayne State University or their designees. A Chairperson will be designated by the Dean of the College of Education at Wayne State University. The Board shall meet at least once per academic year at a date and location of mutual convenience.

ARTICLE VII

AGREEMENT NOT TO DISCRIMINATE

Each party covenants and agrees that it does not discriminate on the basis of race, creed, color, age, sex or national origin and it complies with the relevant state and federal laws governing the same. Each party further agrees that it complies with the Americans with Disabilities Act of 1990, and that it does not discriminate on the basis of "physical or mental handicap except where there exists a bona fide academic qualification."

ARTICLE VIII

ENTIRE AGREEMENT

This Agreement constitutes the entire agreement between the parties, and all prior discussions, agreements, and understandings, whether verbal or in writing, are included in this Agreement.

ARTICLE IX

AMENDMENT/MODIFICATION

No amendment or modification to this Agreement, including any amendment or modification of this paragraph, shall be effective unless the same is in writing and signed by all parties.
Articulation Agreement
Henry Ford Community College
Wayne State University

Howard Shapiro
Associate Vice President,
Academic Affairs
Wayne State University

Gail Mee
President
Henry Ford Community College

Paula C. Wood
Dean, College of Education
Wayne State University

Reginald Gerlica
Vice-President of Academic Affairs
For Arts and Sciences
Henry Ford Community College

May 23, 2007
Date

April 15, 2007
Date
Transfer Policy for Community College Students Entering Fall 2005

Students who transfer to Wayne State University from a Michigan community college with an Associate of Arts (A.A.), an Associate of Science (A.S.), an Associate of Baccalaureate Studies (ABS), or an Associate of Liberal Arts (A.L.A.) degree are admitted with lower division University general education requirements considered fulfilled.

Students who transfer to Wayne State University from a Michigan community college with a MACRAO-stamped transcript who do not hold an associate degree are also considered to have fulfilled the lower division University general education requirements.

After transfer to Wayne State University, students will then complete courses specific to the graduation requirements of their individual department or college. As always, students should contact a professional advisor at Wayne State University before transfer.

See the General Education Transfer Policy FAQ for terms, conditions, and exclusions.
General Education Equivalencies  
Henry Ford Community College  

Elementary Education Curriculum &  
General Education Requirements  
2004-2005

- This program leads to certification to teach all subjects in grades K-5, K-8 all subjects in a self-contained classroom, and the major and minor subjects in grades 6-8.
- Admission to the College of Education requires the completion of 53 semester hours, cumulative GPA of 2.50, a passing score on the University English Proficiency Exam, fulfillment of math competency, a passing score on the State Basic Skills Test, and a negative TB test.
- Students are required to provide verification of successful group experience with children.
- For additional information call (313) 577-1601.
- A maximum of 64 semester hours from a two-year college or colleges will apply towards the bachelor's degree.

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### College of Education Requirements:

<table>
<thead>
<tr>
<th>Wayne State University</th>
<th>Henry Ford Community College</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 1020 (BC)</td>
<td>ENG 131</td>
</tr>
<tr>
<td>ENG 2000+ level (IC)</td>
<td>ENG 132</td>
</tr>
<tr>
<td>ELE 3200</td>
<td>ENG 246</td>
</tr>
<tr>
<td>PSY 1010 (LS)</td>
<td>PSY 131</td>
</tr>
<tr>
<td>BIO 1500, 1510, 1030, or 1050</td>
<td>BIO 131, 137, 139, 150, or 152</td>
</tr>
<tr>
<td>HIS 1100, 1200, 1300, or NE 2040 (HS)</td>
<td>HIST 111, 112, 113, or 125</td>
</tr>
<tr>
<td>HIS 2040 or 2050</td>
<td>HIS 151 or 152</td>
</tr>
<tr>
<td>PS 1010 (AI)</td>
<td>POLS 131</td>
</tr>
<tr>
<td>GPH 1100 (SS)</td>
<td>GEOG 132</td>
</tr>
<tr>
<td>MAT 1110 + 1120</td>
<td>MTH 121 + 221 + 225</td>
</tr>
<tr>
<td>HEA 2330</td>
<td>HPE 142</td>
</tr>
<tr>
<td>Physical Science (PS)</td>
<td>Elect from list below</td>
</tr>
</tbody>
</table>
Competency Requirements Not Fulfilled by Required Courses:

<table>
<thead>
<tr>
<th>WSU Requirement</th>
<th>Henry Ford Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Proficiency Exam</td>
<td>Fulfilled only at WSU</td>
</tr>
<tr>
<td>Mathematics Proficiency</td>
<td>MTH 175, or 180, or exam at WSU</td>
</tr>
<tr>
<td>Oral Communication</td>
<td>SPC 131 or exam at WSU</td>
</tr>
<tr>
<td>Computer Literacy</td>
<td>BBA 140, CIS 100, 125, or 170, 221, or 223</td>
</tr>
<tr>
<td>Critical Thinking</td>
<td>PHI 131, SPC 151, or exam at WSU</td>
</tr>
</tbody>
</table>

General Education Requirements:

Group Requirements

A given Subject Area Code (e.g. ANT, HIS, P S, etc.) may not be used more than once; a course must be at least three semester hours to apply; and courses for Group Requirements may not be elected on a Passed/Not Passed basis.

<table>
<thead>
<tr>
<th>WSU Requirement</th>
<th>Henry Ford Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical Science (one course)</td>
<td>CHEM 131 or 141</td>
</tr>
<tr>
<td></td>
<td>PHYS 120, 133, 131, or 231</td>
</tr>
<tr>
<td></td>
<td>PSCI 131</td>
</tr>
<tr>
<td></td>
<td>ASTR 131</td>
</tr>
<tr>
<td></td>
<td>GEOL 131</td>
</tr>
<tr>
<td>Life Science (one course)</td>
<td>Fulfilled by Biology or Psychology (see above)</td>
</tr>
<tr>
<td>Laboratory Requirement</td>
<td>One of the approved courses must be taken with a laboratory</td>
</tr>
<tr>
<td>Historical Studies (one course)</td>
<td>HIST 111, 112, 113, 125, or 225</td>
</tr>
<tr>
<td>American Society &amp; Institutions (one course)</td>
<td>POLS 131</td>
</tr>
<tr>
<td>Social Science (one course)</td>
<td>Fulfilled by GEOG 132</td>
</tr>
<tr>
<td>Visual &amp; Performing</td>
<td>ART 121, 122, 123, 135</td>
</tr>
<tr>
<td>Field</td>
<td>Courses</td>
</tr>
<tr>
<td>-------------------------------</td>
<td>----------------------------------------</td>
</tr>
<tr>
<td>Arts (one course)</td>
<td>DNC 135, 200</td>
</tr>
<tr>
<td></td>
<td>HUM 101</td>
</tr>
<tr>
<td></td>
<td>TCM 132</td>
</tr>
<tr>
<td></td>
<td>MUS 130, 132, 133, 232, or 233</td>
</tr>
<tr>
<td></td>
<td>STH 131</td>
</tr>
<tr>
<td>Philosophy &amp; Letters (one course)</td>
<td>ENG 231, 233, 234, 235, 237, 239, 241, 243, 245, 247, or 248</td>
</tr>
<tr>
<td></td>
<td>PHIL 133, 135, or 139</td>
</tr>
<tr>
<td></td>
<td>WR 130, 131, 132, or 232</td>
</tr>
<tr>
<td>Foreign Culture</td>
<td>Complete any one language through the third semester (231) or ANTH 152, or an approved course at WSU.</td>
</tr>
</tbody>
</table>

**Applying to Professional Schools**

For transferability of other courses see:

**Transfer Credit Equivalency Guide**

10/19/04
General Education Equivalencies
Henry Ford Community College

Secondary Education Curriculum &
General Education Requirements
2004-2005

- This program leads to certification to teach the major and minor in grades 7-12.
- Admission to the College of Education requires the completion of 53 semester hours, a minimum of 12 semester hours in the major, cumulative GPA of 2.50, a passing score on the University English Proficiency Exam, fulfillment of math competency, a passing score on the State Basic Skills Test, and a negative TB test.
- Students are required to complete an academic major and a minor for teacher certification.
- For additional information call (313) 577-1601.
- A maximum of 64 semester hours from a two-year college or colleges will apply towards the bachelor's degree.

College of Education Requirements:

<table>
<thead>
<tr>
<th>Wayne State University</th>
<th>Henry Ford Community College</th>
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<td>ENG 132</td>
</tr>
<tr>
<td>PSY 1010 (LS)</td>
<td>PSY 131</td>
</tr>
<tr>
<td>BIO 1030, 1050, 1500, or 1510</td>
<td>BIO 131, 137, 139, 150, or 152</td>
</tr>
<tr>
<td>PS 1010 (AI)</td>
<td>POLS 131</td>
</tr>
<tr>
<td>HEA 2330</td>
<td>HPE 142</td>
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Competency Requirements Not Fulfilled by Required Courses:

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<tr>
<td>English Proficiency Exam</td>
<td>Fulfilled only at WSU</td>
</tr>
<tr>
<td>Mathematics</td>
<td>MTH 175 or 180, or exam at WSU</td>
</tr>
<tr>
<td>Proficiency</td>
<td>Requirement</td>
</tr>
<tr>
<td>-----------------------------</td>
<td>-----------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Oral Communication</td>
<td>SPC 131, 2 semesters in high school, or exam at WSU</td>
</tr>
<tr>
<td>Computer Literacy</td>
<td>BBA 140, CIS 100, 125, or 170, 221, or 223</td>
</tr>
<tr>
<td>Critical Thinking</td>
<td>PHI 131, SPC 151, or exam at WSU</td>
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**General Education Requirements:**

A given Subject Area Code (e.g. ANT, HIS, P S, etc.) may not be used more than once; a course must be at least three semester hours to apply; and courses for Group Requirements may not be elected on a Passed/Not Passed basis.

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<td>CHEM 131 or 141&lt;br&gt;PHYS 120, 133, 131, or 231&lt;br&gt;PSCI 131&lt;br&gt;ASTR 131&lt;br&gt;GEOL 131</td>
</tr>
<tr>
<td>Life Science (one course)</td>
<td>Fulfilled by PSY 131</td>
</tr>
<tr>
<td>Laboratory Requirement</td>
<td>One of the approved courses must be taken with a laboratory</td>
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<td>Historical Studies (one course)</td>
<td>HIST 111, 112, 113, 125, or 225</td>
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<td>American Society &amp; Institutions (one course)</td>
<td>Fulfilled by POLS 131</td>
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<tr>
<td>Social Science (one course)</td>
<td>ANTH 131&lt;br&gt;BEC 133, 151, 152&lt;br&gt;GEOG 132&lt;br&gt;SOC 131, 151</td>
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<tr>
<td>Visual &amp; Performing Arts (one course)</td>
<td>ART 121, 122, 123, 135&lt;br&gt;DNC 135, 200&lt;br&gt;HUM 101&lt;br&gt;TCM 132&lt;br&gt;MUS 130, 132, 133, 232, or 233&lt;br&gt;STH 131</td>
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<tr>
<td>Philosophy &amp; Letters (one course)</td>
<td>ENG 231, 233, 234, 235, 237, 239, 241, 243, 245, 247, or 248&lt;br&gt;PHIL 133, 135, or 139</td>
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<tr>
<td>Foreign Culture</td>
<td>WR 130, 131, 132, or 232</td>
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</table>

Complete any one language through the third semester (231) or ANTH 152, or an approved course at WSU.

Applying to Professional Schools

For transferability of other courses see:
Transfer Credit Equivalency Guide

10/29/03
General Education Equivalencies
Henry Ford Community College

Special Education Curriculum &
General Education Requirements
Cognitively Impaired
2004-2005

- This program leads to certification to teach all subjects in grades K-5, K-8 all subjects in a self-contained classroom, and cognitively impaired students K-8.
- Admission to the College of Education requires the completion of 53 semester hours, cumulative GPA of 2.50, a passing score on the University English Proficiency Exam, fulfillment of math competency, a passing score on the State Basic Skills Test, and a negative TB test.
- Students are required to provide verification of successful group experience with children.
- For additional information call (313) 577-1601.
- A maximum of 64 semester hours from a two-year college or colleges will apply towards the bachelor’s degree.

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<td>PSY 131</td>
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<tr>
<td>PSY 2300</td>
<td>PSY 151</td>
</tr>
<tr>
<td>BIO 1510 (LS)</td>
<td>BIO 131 or 152</td>
</tr>
<tr>
<td>BIO 2870 or PSY 2400*</td>
<td>BIO 233 + 234 or PSY 253*</td>
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<td>POLS 131</td>
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<tr>
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<td>GEOG 132 or SOC 131</td>
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<td>MTH 121</td>
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<tr>
<td>HEA 2330</td>
<td>HPE 142</td>
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</table>

*If you choose PSY option, then choose one
of the following at WSU:
PSY 3060
PSY 3080
PSY 3120

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<td>ASTR 131</td>
</tr>
<tr>
<td></td>
<td>GEOL 131</td>
</tr>
<tr>
<td>Life Science (one course)</td>
<td>Fulfilled by BIO 152 or PSY 131</td>
</tr>
<tr>
<td>Laboratory Requirement</td>
<td>One of the approved courses must be taken with a laboratory</td>
</tr>
<tr>
<td>Historical Studies (one course)</td>
<td>HIST 111, 112, 113, 125, or 225</td>
</tr>
<tr>
<td>American Society &amp; Institutions</td>
<td>Fulfilled by POLS 131</td>
</tr>
<tr>
<td>Course Category</td>
<td>Requirements</td>
</tr>
<tr>
<td>---------------------------------</td>
<td>-----------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Social Science</td>
<td>Fulfilled by GEOG 132 or SOC 131</td>
</tr>
<tr>
<td>(one course)</td>
<td>ART 121, 122, 123, 135&lt;br&gt;DNC 135, 200&lt;br&gt;HUM 101&lt;br&gt;TCM 132&lt;br&gt;MUS 130, 132, 133, 232, or 233&lt;br&gt;STH 131</td>
</tr>
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<td>Visual &amp; Performing Arts</td>
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<tr>
<td>(one course)</td>
<td></td>
</tr>
<tr>
<td>Philosophy &amp; Letters</td>
<td>ENG 231, 233, 234, 235, 237, 239, 241, 243, 245, 247, or 248&lt;br&gt;PHIL 133, 135, or 139&lt;br&gt;WR 130, 131, 132, or 232</td>
</tr>
<tr>
<td>(one course)</td>
<td></td>
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<td>Foreign Culture</td>
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</tr>
</tbody>
</table>

**Applying to Professional Schools**

For transferability of other courses see:

**Transfer Credit Equivalency Guide**

10/19/04
Elementary Education Curriculum Guide: Level 1

Effective: June 1, 2006 through May 31, 2007

Major Code: PELE

This guide is for undergraduate Elementary Education students admitted to WSU within the dates listed below.

- Effective Fall 2005 and thereafter: For entering freshmen and students who transfer fewer than 12 credits.
- Effective Fall 2006 and thereafter: For transfer students who began college work (after graduating from high school) in Fall 2005 or later.
- Effective Fall 2007 and thereafter: For all entering students.

Elementary Education

The Elementary Education program leads to a Michigan Elementary Provisional Teaching Certificate for teaching all subjects in grades K-5; major and minor subjects in grades 6-8; and all subjects in grades K-8 in a self-contained classroom.

The program for Elementary Education consists of University General Education Requirements (Competency Requirements, Group Requirements, and Exposure Areas), College Requirements (the Elementary Planned minor), a teaching major, 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

Admission to the College of Education is based on two levels. Students are directly admitted to the College of Education Level 1 from high school or another institution of higher learning by completing an admission application to the University, selection of a College of Education program on the admission application, and acceptance to Wayne State University. Level 1 students are working to fulfill the requirements found on pages 2 through 5 of this guide, which includes General Education Requirements, College Requirements (the Elementary Planned minor), and requirements for admission to Level 2. Students during Level 1 also begin taking courses in their teaching major and minor (see pages 5-9).

College of Education Level 2: The Professional Education Sequence

Admission to the College of Education Level 2 program requires a separate College application, which is available in Room 469, College of Education or online at http://www.coe.wayne.edu/es/admiss.htm. Students complete the Level 2 application when all Level 2 admission requirements have been fulfilled (see page 5). Admission to Level 2 is not competitive. Students meeting all requirements will be admitted. Students during Level 2 have access to the Professional Education Sequence (see page 11). The Professional Education Sequence may be completed in two-years and most students begin Level 2 during their Junior year. The Professional Education Sequence for students in the Early Childhood program will require an additional semester to complete a second student teaching experience.

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. A grade of “C-” is not acceptable.
- Not more than 64 semester hours from a two-year school or schools will apply toward graduation.

Students majoring in Special Education are not to follow this guide. Please consult the appropriate curriculum guide for your major.

Revised: 7/11/2006
# University Competency Requirements

<table>
<thead>
<tr>
<th>Written Communication: Four Requirements (BC, IC, EP, &amp; WI)</th>
<th>Course(s)</th>
<th>Completed By</th>
<th>Done</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basic Composition (BC)</td>
<td>Choose one: ENG 1020, ENG 1050, or IPS 1510</td>
<td>30 hours</td>
<td></td>
</tr>
<tr>
<td>Intermediate Composition (IC)</td>
<td>Choose one: AFS 2390, ENG 2050, ENG 2100, ENG 2110, ENG 2120, ENG 2210, ENG 2310, ENG 2390, ENG 2570, ENG 3010, ENG 3050, HUM 2000, I H 2010, ISP 3510, or ISP 4991</td>
<td>60 hours</td>
<td></td>
</tr>
<tr>
<td>English Proficiency (EP)</td>
<td>Pass the English Proficiency Examination or, if failed, pass ENG 1080</td>
<td>60 hours</td>
<td></td>
</tr>
<tr>
<td>Writing Intensive in Major (WI)</td>
<td>Completed in Level 2: The Professional Education Sequence (TED 3550)</td>
<td>Completed in Level 2</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Mathematics Competency (MC)</th>
<th>Options (Select One):</th>
<th>Completed By</th>
<th>Done</th>
</tr>
</thead>
<tbody>
<tr>
<td>Advanced Placement Score</td>
<td>Attain a score of 2 or higher (no credit with a score of 2) on the Mathematics/Calculus AB or Mathematics/Calculus BC test</td>
<td></td>
<td></td>
</tr>
<tr>
<td>College-Level Examination Program</td>
<td>Attain a score of 50 or higher on either General Math, College Algebra and Trigonometry, or Calculus examination</td>
<td></td>
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</tr>
<tr>
<td>Transfer Course</td>
<td>Transfer credit for the equivalent of MAT 1800 Elementary Functions or higher taken at an accredited college</td>
<td>30 hours</td>
<td></td>
</tr>
<tr>
<td>Math Placement Exam</td>
<td>Achieve a satisfactory score on the Math Placement Exam</td>
<td>30 hours</td>
<td></td>
</tr>
<tr>
<td>WSU Math Course</td>
<td>Satisfactory completion of MAT 1000 or any MAT course at a higher level. <em>MAT 1000 requires the Math Placement Exam</em></td>
<td>30 hours</td>
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<thead>
<tr>
<th>Oral Communication (OC)</th>
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<tbody>
<tr>
<td>Oral Communication Competency Exam</td>
<td>Passing score (no credit toward graduation)</td>
<td>30 hours</td>
<td></td>
</tr>
<tr>
<td>Course</td>
<td>Choose one: COM 1010 or ENG 3060 or ISP 1560</td>
<td>30 hours</td>
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<table>
<thead>
<tr>
<th>Computer Literacy (CL)</th>
<th>Options (Select One):</th>
<th>Completed By</th>
<th>Done</th>
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<tbody>
<tr>
<td>Computer Literacy Competency Exam</td>
<td>Passing score (no credit toward graduation)</td>
<td>30 hours</td>
<td></td>
</tr>
<tr>
<td>Course</td>
<td>Choose one: B E 1200; COM 3210, CSC 1000, CSC 1050, CSC 1100, CSC 1140, CSC 1500, CSC 2110, or any higher level CSC course; IST 2710; MED 5590; MUA 5610; or NUR 1110</td>
<td>30 hours</td>
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<table>
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<tr>
<th>Computer Proficiency (CP)</th>
<th>Course in Major:</th>
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<tbody>
<tr>
<td>Computer Course in the Major</td>
<td>Completed in Level 2: The Professional Education Sequence (TED 6020)</td>
<td>Completed in Level 2</td>
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</tr>
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</table>

<table>
<thead>
<tr>
<th>Critical Thinking (CT)</th>
<th>Options (Select One):</th>
<th>Completed By</th>
<th>Done</th>
</tr>
</thead>
<tbody>
<tr>
<td>Critical Thinking Competency Exam</td>
<td>Passing score (no credit toward graduation)</td>
<td>60 hours</td>
<td></td>
</tr>
<tr>
<td>Course</td>
<td>Choose one: B A 1010, COM 2110, ISP 3260 or PHI 1050</td>
<td>60 hours</td>
<td></td>
</tr>
</tbody>
</table>

For more information about Qualifying, Placement, and Proficiency examinations, contact Testing and Evaluation in the Student Center Building, Room 698, 313-577-3400; http://www.testing.wayne.edu.
University Group Requirements & Exposure Areas

In meeting group requirements and exposure areas, please note that a given Subject Area Code (e.g. ANT, HIS, PS, etc.) may not be used more than twice, that a course must be at least three semester hours to meet the requirement, and that courses may not be taken on a Passed/Not Passed basis.

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. Group requirements for Life Science, Basic Social Science, and American Institutions are not found on this page and are fulfilled by College Requirements listed on page 4.

<table>
<thead>
<tr>
<th>Group Requirement</th>
<th>Course(s)</th>
<th>Code</th>
<th>Done</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical Science</td>
<td>Choose one: AST 2010, CHM 1000, CHM 1020, CHM 1220, CHM 1225, CHM 1410, GEL 1010, HON 4230, IST 2420, PHY 1020, PHY 1040, PHY 1070, PHY 2130, PHY 2170, or PHY 3100</td>
<td>PS</td>
<td></td>
</tr>
<tr>
<td>Laboratory</td>
<td>Fulfilled by a Life Science course if completed with the appropriate lab (including PSY 1010 if completed at WSU in or after Fall 1987) or a Physical Science course if completed with the appropriate lab.</td>
<td>LB</td>
<td></td>
</tr>
<tr>
<td>Historical Studies</td>
<td>Choose one: ANT 3200, HIS 1000, HIS 1300, HIS 1400, HIS 1600, HIS 1610, HIS 1800, HIS 1810, HIS 1995, HON 4250, I H 3810, ISP 3160, N E 2030, or N E 2040</td>
<td>HS</td>
<td></td>
</tr>
<tr>
<td>Philosophy &amp; Letters</td>
<td>Choose one: CLA 1010, CLA 2100, CLA 2200, COM 2160, ENG 2200, ENG 2500, ENG 2720, ENG 3110, ENG 3120, ENG 3140, FRE 2700, GER 2310, GER 2700, GER 2991, HON 2100, HON 4200, HUM 2100, HUM 2200, I H 2730, I H 3710, ITA 2700, LET 2720, PHI 1010, PHI 1020, PHI 1030, PHI 1040, PHI 1100, PHI 2100, PHI 2110, PHI 2320, PHI 3500, PHI 3550, PHI 3700, P S 3510, P S 3520, RUS 2700, RUS 3600, RUS 3650, SLA 2310, or SPA 2700</td>
<td>PL</td>
<td></td>
</tr>
<tr>
<td>Foreign Culture: Your degree in the College of Education (BS or BA) is determined by how you fulfill the Foreign Culture Requirement: A BS in Education Degree requires completing a Foreign Culture course taught in English about another culture. A BA in Education Degree requires completing a Foreign Language to the Intermediate Level.</td>
<td>Approved Foreign Culture Courses for the BS Degree in Education: Choose one: AFS 3250, AFS 3610, ANT 3150, ANT 3520, ANT 3540, ANT 3550, ARM 3410, ARM 4750, CBS 2410, CBS 2420, DNC 2400, ENG 2670, FRE 2710, FRE 2720, GER 2710, GER 2720, GER 3410, GPH 2700, GRK 3710, HIS 2440, HIS 2700, HON 4260, ISP 3600, ISP 3610, ISP 3620, ITA 2710, ITA 2720, JPN 4550, JPN 4560, N E 2000, N E 3550, NUR 4800, POL 2710, POL 3410, P S 2700, RUS 2710, RUS 3410, SLA 3410, or UKR 3410 - or - Approved Foreign Language Sequence for the BA Degree in Education: Complete one foreign language sequence through the third semester (Intermediate Level: 2010 or 2110)</td>
<td>FC</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Exposure Area *</th>
<th>Course(s)</th>
<th>Code</th>
<th>Done</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cultural Diversity</td>
<td>Completed in Level 2: The Professional Education Sequence (BBE 5000)</td>
<td>CD</td>
<td></td>
</tr>
<tr>
<td>Ethical Issues in Society</td>
<td>Choose one: COM 5030, IIST 2030, M S 3300, NUR 2000, PHI 1100 (PL), PHI 1110, PHI 2320 (PL), PHI 2330, PHI 5280, PHI 5300, PPR 6180, or P S 2420</td>
<td>EI</td>
<td></td>
</tr>
<tr>
<td>Science, Technology, &amp; Society</td>
<td>Choose one: CHM 1000 (PS), COM 5010, COM 5510, COM 6270, ECE 6100, ECO 5210, HIS 1995 (HS), HIS 2510, HIS 3300, HIS 3400, ISP 3160 (HS), IST 2010, IST 2420 (PS), IST 3715, IST 3720, KIN 2010, NFS 2030, PCS 2020, PHI 3600, PHI 5230, PHY 1040 (PS), PHY 1070 (PS), PHY 2020, or P S 2440</td>
<td>ST</td>
<td></td>
</tr>
</tbody>
</table>

* The above listing does not include all of the approved Exposure Area courses. Please consult the online Bulletin for a complete list of approved Exposure Area courses: http://www.bulletins.wayne.edu/. Some courses may meet other General Education Requirements—see General Education code in parentheses following the course.
College Requirement: The Elementary Planned Minor

Among courses enclosed by a border, choose one.

* □ ELE 3200 Literature for Children................................. 3

□ MAT 1110 Mathematics for Elementary Teachers I.............. 3
  ▶ Prerequisite (within two semesters): Mathematics Placement Exam or MAT 0995 at WSU

□ MAT 1120 Mathematics for Elementary Teachers II................ 3
  ▶ Prerequisite (within two semesters): Mathematics Placement Exam or MAT 1110 at WSU

□ SCE 5010 Biological Sciences for Elementary & MS Teachers.. 3
□ SCE 5020 Physical Sciences for Elementary & MS Teachers.... 3

□ HIS 2040 United States to 1877......................................... 3-4
□ HIS 2050 United States Since 1877...................................... 3-4

□ PSY 1010 Introductory Psychology (LS)................................ 4

□ GPH 1100 World Regional Patterns (SS) (CD)...................... 4

□ PS 1010 American Government (AI)................................. 4
□ PS 1030 The American Governmental System (AI).............. 3
  ▶ Note: Social Studies majors or minors must complete PS 1030.

□ HEA 2310 Dynamics of Personal Health............................ 3
□ HEA 2330 First Aid & CPR............................................. 3
□ H E 3300 Health of the School Child............................... 3
□ H E 6500 Comprehensive School Health Education............. 3

□ BIO 1030 Biology Today (LS)........................................... 3-4
□ BIO 1050 An Introduction to Life (LS)............................. 3-4
□ BIO 1500 Basic Life Diversity........................................ 4
□ BIO 1510 Basic Life Mechanisms (LS).............................. 4
  ▶ Note: Physical Education minors must complete BIO 1510.

□ TED 2250 Intro to Education (Optional Course - Not Required) . 2

All Elementary Education students are required to complete the Planned Minor.

An additional teaching minor may be selected to teach in grades 6-8. Those interested in teaching at the middle school level are strongly recommended to select an additional teaching minor (see pages 8 and 9).

* See advisor for study abroad option.
Requirements for Admission to College of Education Level 2

<table>
<thead>
<tr>
<th>Requirement</th>
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</thead>
<tbody>
<tr>
<td>1 Completion of at least 53 semester hours</td>
<td></td>
</tr>
<tr>
<td>2 Completion of MAT 1110 and MAT 1120 or appropriate prerequisite math course in progress</td>
<td></td>
</tr>
<tr>
<td>3 A minimum cumulative Grade Point Average of 2.50</td>
<td></td>
</tr>
<tr>
<td>4 Completion of Basic Composition</td>
<td></td>
</tr>
<tr>
<td>5 Completion of English Proficiency</td>
<td></td>
</tr>
<tr>
<td>6 Completion of Math Competency</td>
<td></td>
</tr>
<tr>
<td>7 A passing score on each of the three sections of the State Basic Skills Exam (<a href="http://www.mttc.nesinc.com">http://www.mttc.nesinc.com</a>)</td>
<td></td>
</tr>
<tr>
<td>8 A copy of a negative Tuberculosis (TB) test (within the last 3 years)</td>
<td></td>
</tr>
<tr>
<td>9 Verification of 40 hours of successful group work with children. 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 Level 2.</td>
<td></td>
</tr>
<tr>
<td>10 A current (within the last 6 months) statewide Criminal History Check (<a href="http://www.michigan.gov/itch">http://www.michigan.gov/itch</a>)</td>
<td></td>
</tr>
<tr>
<td>11 A completed Level 2 Application (applications are available in Room 469, College of Education or online at <a href="http://www.coe.wayne.edu/as/admiss.htm">http://www.coe.wayne.edu/as/admiss.htm</a>)</td>
<td></td>
</tr>
<tr>
<td>12 Up-to-date transcripts from each undergraduate school attended.</td>
<td></td>
</tr>
<tr>
<td>13 Students with complete applications will be invited to attend a mandatory College of Education Orientation, which is the final requirement for admission to Level 2.</td>
<td></td>
</tr>
</tbody>
</table>

Majors and Minors for Elementary Education

Undergraduate Curriculum Guide

Valid June 1, 2006 through May 31, 2007

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<tr>
<td>French</td>
<td>7</td>
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<tr>
<td>Italian</td>
<td>7</td>
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<tr>
<td>Integrated Science</td>
<td>6</td>
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<tr>
<td>Mathematics</td>
<td>6</td>
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<tr>
<td>Social Studies</td>
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<tr>
<td>Spanish</td>
<td>7</td>
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<table>
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<td>Early Childhood Professional (Specialization)</td>
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<td>English</td>
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<td>Italian</td>
<td>9</td>
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<tr>
<td>Latin</td>
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<tr>
<td>Integrated Science</td>
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<tr>
<td>Mathematics</td>
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<td>Middle Level Professional (Specialization)</td>
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<td>Physical Education</td>
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<tr>
<td>Social Studies</td>
<td>8</td>
</tr>
<tr>
<td>Spanish</td>
<td>9</td>
</tr>
</tbody>
</table>

Important Public Acts for Education Students.......................... 10
# English Major (Minimum 31 credits)

Basic & Intermediate Composition courses may not be counted.

- ENG 2110 Introduction to Drama: Literature & Writing (IC) ...... 3
- ENG 2600 Introduction to Folklore .................. 3
- ENG 2800 Techniques of Imaginative Writing .................. 4
- ENG 2200 Shakespeare (PL)...................................... 3
- ENG 2310 Major American Books: Literature & Writing (IC)... 3
- ENG 5450 Modern American Literature ...................... 3
- ENG 2390 Intro African-American Literature & Writing (IC)... 4
- ENG 2530 Literature & Identity.................................. 3
- ENG 2540 Literature of the World .............................. 3
- ENG 3110 English Literature to 1700 (PL)...................... 3
- ENG 3120 English Literature after 1700 (PL) .................. 3
- ENG 3140 Survey of American Literature (PL) .................. 3
- ENG 3700 Structure of English .................................. 3
- ENG 5720 Linguistics & Education .............................. 3

# Language Arts Major (Minimum 37 credits)

Basic Composition courses may not be counted.

- ELE 3200 Literature for Children .............................. 3
- ENG 2800 Techniques of Imaginative Writing .................. 4
- ENG 2390 Intro African-American Literature & Writing (IC)... 4
- ENG 5480 Topics in African-American Literature .............. 3
- ENG 3010 Intermediate Writing (IC) ............................ 3
- ENG 3110 English Literature to 1700 (PL) ...................... 3
- ENG 3120 English Literature after 1700 (PL) .................. 3
- ENG 3140 Survey of American Literature (PL) .................. 3
- EED 6210 Language, Literacy, & Learning ..................... 3
- EED 6310 Young Adult Literature ............................... 3
- COM 1500 Survey of Mass Communication ...................... 3
- COM 2500 Oral Interpretation of Literature ................... 3
- COM ____ Elective in Speech Communication ................... 3

# Integrated Science Major (Minimum 39 credits)

- AST 2010 Descriptive Astronomy (PS) ......................... 4
- AST 2011 Lab (concurrently with 2010) ......................... 1
- CHM 1000 Chemistry & Your World (PS) (ST) .................. 4
- CHM 1020 Survey of General Chemistry (PS) .................. 4
- CHM 6740 Laboratory Safety ................................... 2
- GEL 1010 Geology: The Science of the Earth (PS) .......... 4
- PHY 1020 Conceptual Physics: The Basic Science (PS) ....... 4
- BIO 1030 Biology Today (LS) .................................. 3
- BIO 1510 Basic Life Mechanisms (LS) ......................... 4
- SCE 5010 Biological Sciences for Elem & MS Teachers ........ 3
- SCE 5020 Physical Sciences for Elem & MS Teachers ........... 3
- SCE 5030 Earth/Space Science for Elem & MS Teachers ....... 3
- SCE 5040 Field Course: Exploring the Natural Environment .. 3

* Some Science courses are offered for 3 or 4 credits. Students must complete the above Science courses for the specified amount of credit.

# Mathematics Major (Minimum 32 credits)

- MAT 1110 Mathematics for Elementary Teachers I ............ 3
- MAT 1120 Mathematics for Elementary Teachers II .......... 3
- MAT 1800 Elementary Functions .................................. 4
- MAT 2010 Calculus I ............................................. 4
- MAT 2860 Discrete Mathematics .................................. 3
- MAT 2210 Probability & Statistics for Teachers .......... 4
- STA 1020 Elementary Statistics ............................... 3
- MAE 5100 Geometry for Middle School Teachers ............. 3
- MAE 5110 Number Theory for Middle School Teachers ........ 3
- MAE 5120 Abstract Algebra for Middle School Teachers ...... 3
- MAE 5130 Problem Solving for Middle School Teachers ...... 3

All students who plan to take MAT 0095, 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.

# Social Studies Major (Minimum 36 credits)

The minimum is 36 credit hours. Two courses are required in History, Political Science, Economics, and Geography.

- PS 1030 The American Governmental System (Al) ............ 3
- PS 3070 Michigan Politics ....................................... 4
- GPH 1100 World Regional Patterns (SS) (CD) ................. 4
- GPH 2200 Geography of Michigan ............................... 3
- HIS 1000 World Civilization to 1500* (HS) .................... 3-4
- HIS 1300 Europe and the World: 1500-1945* (HS) .......... 3-4
- 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* (SS) ............... 3-4
- ECO 2020 Principles of Macroeconomics* (SS) ............... 3-4

* Some courses in History and Economics are offered for 3 or 4 credits. Please verify that your total credits meet the required minimum credit hours for the Social Studies major. One of the courses identified with an asterisk must be completed for 4 credits.
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. Courses taught in English about the culture or language will not apply. 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.

Completion of Foreign Language courses is not sufficient for teacher certification. Students must score at the Advanced Low Level in French, Italian, or Spanish 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.

Dr. Marc Rosa is the College of Education Program Coordinator for Foreign Language. Dr. Rosa may be contacted at (313) 577-0902 or through e-mail at ae4976@wayne.edu.

FOREIGN LANGUAGE MAJOR 6-8

Approved languages for Elementary Education are French, Italian, and Spanish.

The following methodology courses is required after admission to the Teacher Certification Program:

LED 6500 Teaching World Languages in Elem & Middle Sch. III

FOREIGN LANGUAGE MAJOR K-12

K-12 Certification is available in Spanish or Italian. Students must complete a Major in Spanish or Italian.

The following three courses are required after admission to the Teacher Certification Program:

LED 6520 Teaching ESL/Foreign Language Methods I
LED 6530 Teaching ESL/Foreign Language Methods II
LED 6500 Teaching World Languages in Elem & Middle Sch. III

FRENCH MAJOR (Minimum 30 credits)

- FRE 3200 Conversation & Composition
- FRE 3300 Readings in French & Francophone Lit & Cult
- FRE 4610 Introduction to Literary Textual Analysis
- FRE 4620 Topics in Sociocultural Analysis
- FRE 5100 Advanced Composition
- FRE 5200 French Phonetics & Pronunciation
- FRE 5300 Advanced Grammar & Stylistics
- FRE 6400 The Structure of French
- FRE 6450 French Civilization
- FRE 6470 Contemporary French Society & Institutions

Select two (2) of the following courses:

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

ITALIAN MAJOR (Minimum 30 credits)

- ITA 3100 Italian Conversation
- ITA 3200 Italian Grammar & Composition
- ITA 4610 Text & Context I: Origins to 1700
- ITA 4620 Text & Context II: 1700 to Present
- ITA 5200 Italian Phonetics & Diction
- ITA 5570 Topics in Italian Studies
- ITA 6610 Dante: Divine Comedy
- ITA 6680 Studies in Renaissance Literature & Culture
- ITA 6690 Studies in Baroque Lit & Cult
- ITA 6700 Studies in Eighteenth-Century Lit & Cult
- ITA 6800 Studies in Nineteenth-Century Lit & Cult
- ITA 6900 Studies in Twentieth-Century Lit & Cult

SPANISH MAJOR (Minimum 30 credits)

- SPA 3100 Grammar Review & Composition
- SPA 3200 Conversation
- SPA 3300 Readings in Hispanic Literature & Culture
- SPA 4610 Survey of Spanish Literature I
- SPA 4620 Survey of Spanish Literature II
- SPA 4630 Survey of Spanish American Literature I
- SPA 4640 Survey of Spanish American Literature II
- SPA 5100 Advanced Composition
- SPA 5200 Spanish Phonetics
- SPA 5550 Spanish Culture and Its Tradition
- SPA 5560 Spanish American Cultures and their Trad
- SPA 5570 Topics in Hispanic Culture or Language
- SPA Elective 5000-6000 Level
- SPA Elective 5000-6000 Level
Among courses enclosed by a border, choose one.

### DANCE MINOR (K-12) (Minimum 28 credits)
- **DNC 2000 Introduction to Dance (VP) (CD)** ............................................. 4
- **DNC 2010 Technique Laboratory I: Part I** ............................................. 2
- **DNC 2020 Technique Laboratory I: Part II** ............................................. 2
- **DNC 2210 Intermediate Ballet** ................................................................. 2
- **DNC 2300 History of Dance to 1800** ......................................................... 3
- **DNC 2310 History of Dance from 1800 (VP)** ........................................... 3
- **DNC 2311 Issues and Trends** .................................................................
- **DNC 3010 Technique Laboratory II (2+2)** ............................................. 4
- **DNC 2500 Choreography I** .................................................................
- **DNC 5610 Dance Company I** ...............................................................
- **DNC 4810 Methods in Modern Dance/Ballet** ........................................ 3
- **DNC 5810 Creative Dance for Children** ................................................ 3

A Dance Minor carries K-12 Certification. For information, contact Professor Douglas Risner at (313) 577-4273 or through e-mail at ar2852@wayne.edu for advising.

### ENGLISH MINOR (Minimum 25 credits)
Basic & Intermediate Composition courses may not be counted.
- **ENG 2110 Introduction to Drama: Literature & Writing (IC)** ............... 3
- **ENG 2600 Introduction to Folklore** ......................................................
- **ENG 2800 Techniques of Imaginative Writing** .................................... 4
- **ENG 2200 Shakespeare (PL)** .............................................................
- **ENG 2390 Intro African-American Literature & Writing (IC)** ............ 4
- **ENG 2530 Literature & Identity** ......................................................
- **ENG 2540 Literature of the World** ....................................................
- **ENG 3120 English Literature after 1700 (PL)** ....................................
- **ENG 3140 Survey of American Literature (PL)** ................................ 3
- **ENG 3700 Structure of English** ...........................................................
- **ENG 5720 Linguistics & Education** ...................................................

### LANGUAGE ARTS MINOR (Minimum 26 hours)
Basic Composition courses may not be counted.
- **ELE 3200 Literature for Children** ...................................................... 3
- **ENG 2800 Techniques of Imaginative Writing** ....................................
- **ENG 2390 Intro African-American Literature & Writing (IC)** ...........
- **ENG 3010 Intermediate Writing (IC)** ................................................
- **ENG 3140 Survey of American Literature (PL)** ................................ 3
- **EED 6210 Language, Literacy, & Learning** .........................................
- **COM 1500 Survey of Mass Communication** ........................................
- **COM 2500 Oral Interpretation of Literature** ......................................

### HEALTH EDUCATION MINOR (Minimum 24 credits)
- **HEA 2310 Dynamics of Personal Health** ............................................ 3
- **HEA 2330 First Aid & CPR** ..............................................................
- **H E 3300 Health of the School Child** ..............................................
- **H E 4340 Family & Reproductive Health** ........................................
- **H E 5440 Mental Health & Substance Abuse (CD)** .............................
- **H E 3440 Nutrition & Health Education** ........................................... 3

H E 3340 requires completion of 18 credit hours in Health (prerequisite).
- **H E 3340 Health Education for the Elementary Schl Teacher** ........ 3

H E 6430 requires completion of HE 3340 (prerequisite).
- **HE 6430 School Health Curriculum** ................................................ 3

Students who minor in Health Education are advised by Dr. Steven Singleton. Contact Dr. Singleton at (313) 577-4265 or through e-mail at sa4144@wayne.edu.

### INTEGRATED SCIENCE MINOR (Minimum 28 credits)
- **AST 2010 Descriptive Astronomy (PS)** ............................................... 4
- **AST 2011 Lab (concurrently with 2010)** ........................................... 1
- **CHM 1000 Chemistry & Your World (PS) (ST)** ................................... 4
- **CHM 6740 Laboratory Safety** ...........................................................
- **GEL 1010 Geology: The Science of the Earth (PS)** ............................ 4
- **PHY 1020 Conceptual Physics: The Basic Science (PS)** .................... 4
- **BIO 1030 Biology Today (LS)** ......................................................
- **SCE 5010 Biological Sciences for Elem & MS Teachers** ....................
- **SCE 5020 Physical Sciences for Elem & MS Teachers** ......................

Some Science courses are offered for 3 or 4 credits. Students are to complete the above Science courses for the specified amount of credit.

### MATHEMATICS MINOR (Minimum 23 credits)
- **MAT 1110 Mathematics for Elementary Teachers I** ...........................
- **MAT 1120 Mathematics for Elementary Teachers II** .........................
- **MAT 1800 Elementary Functions** ......................................................
- **MAT 2010 Calculus I** .................................................................
- **MAE 5100 Geometry for Middle School Teachers** ............................
- **MAE 5110 Number Theory for Middle School Teachers** ..................
- **MAE 5120 Abstract Algebra for Middle School Teachers** ............... 3

All students who plan to take MAT 0095, 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.

### PHYSICAL EDUCATION MINOR (Minimum 32 credits)
- **BIO 2870 Anatomy and Physiology** ................................................ 5
- **KIN 3400 Lifespan Growth & Development** ....................................... 3
- **KIN 3560 Motor Learning & Control** ............................................... 3
- **KIN 5560 Pediatric Exercise Physiology** .........................................
- **KIN 5400 Inclusion in Physical Education** .......................................
- **KIN 3610 Movement Education and Dance** ......................................
- **KIN 3620 Sports Education** ...........................................................
- **KIN 3630 Adventure and Fitness Education** ...................................
- **KIN 4440 Methods in PE for Elementary School Children I** ............
- **KIN 4450 Methods in PE for Elementary School Children II** ...........

Students who minor in Physical Education are advised by Dr. Bo Shen. Contact Dr. Shen at (313) 577-4265 or through e-mail at av4280@wayne.edu.

** BIO 2870 requires completion of BIO 1510 (prerequisite).**

### SOCIAL STUDIES MINOR (Minimum 33 credits)
- The minimum is 33 credit hours. Two courses are required in History, Political Science, Economics, and Geography.
- **P S 1030 The American Governmental System (AI)** ........................ 3
- **P S 3070 Michigan Politics** ............................................................
- **GPH 1100 World Regional Patterns (SS) (CD)** ................................ 4
- **GPH 2200 Geography of Michigan** ................................................
- **HIS 1000 World Civilization to 1500 (HS)** ...................................... 3
- **HIS 1300 Europe and the World: 1500-1945 (HS)** ............................. 3
- **HIS 2040 United States to 1877** ....................................................
- **HIS 2050 United States Since 1877** ...............................................
- **ECO 1000 Survey of Economics (SS)** ............................................ 4
- **ECO 2010 Principles of Microeconomics (SS)** ................................ 3
- **ECO 2020 Principles of Macroeconomics (SS)** ................................. 3
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. Courses taught in English about the culture or language will not apply. Students may be required to complete lower level courses as prerequisites to courses at the 3000 level or above.
- Completion of Foreign Language courses is not sufficient for teacher certification. Students must score at the Advanced Low Level in French, Italian, Latin, or Spanish 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.

Dr. Marc Rosa is the College of Education Program Coordinator for Foreign Language. Dr. Rosa may be contacted at (313) 577-0902 or through e-mail at ae4976@wayne.edu.

The following methodology course is required after admission to Level 2:

LED 6500 Teaching World Languages in Elem & Middle Sch. III

FRENCH MINOR (Minimum 21 credits)

- FRE 3200 Conversation & Composition
- FRE 3300 Readings in French & Francophone Lit & Cult
- FRE 4610 Introduction to Literary Textual Analysis
- FRE 4620 Topics in Sociocultural Analysis
- FRE 5100 Advanced Composition
- FRE 5200 Modern French & Francophone
- FRE 5305 Advanced Grammar & Stylistics
- FRE 6400 The Structure of French

ITALIAN MINOR (Minimum 21 credits)

- ITA 3100 Italian Conversation
- ITA 3200 Italian Grammar & Composition
- ITA 4610 Text & Context I: Origins to 1700
- ITA 4620 Text & Context II: 1700 to Present
- ITA 5200 Italian Phonetics & Diction
- ITA 5570 Topics in Italian Studies
- ITA 6610 Dante: Divine Comedy

LATIN MINOR (Minimum 20 credits)

- LAT 3150 Cicero
- LAT 3210 Latin Poetry
- LAT 3220 Latin Prose
- LAT 5610 Roman Historians
- LAT 5850 Epic

SPANISH MINOR (Minimum 21 credits)

- SPA 3100 Grammar Review & Composition
- SPA 3200 Conversation
- SPA 3300 Readings in Hispanic Literature & Culture
- SPA 4610 Survey of Spanish Literature I
- SPA 4620 Survey of Spanish Literature II
- SPA 4630 Survey of Spanish American Literature I
- SPA 4640 Survey of Spanish American Literature II
- SPA 5100 Advanced Composition
- SPA 5200 Spanish Phonetics

BILINGUAL-BICULTURAL MINOR (Minimum 24 credits)

- Students must demonstrate superior proficiency (speaking, reading, and writing) in a non-English language as measured by the Oral Proficiency Interview (OPI) from the ACTFL.
- Prior to taking courses for this minor, students must contact Dr. Marc Rosa at (313) 577-0902 or through e-mail at ae4976@wayne.edu for an appointment.

- BBE 5000 Multicultural Education in Urban America (CD)
- BBE 5020 Effective Involvement of Parents in Sch/Comm
- BBE 5500 Introduction to Bilingual/Bicultural Education
- LED 6520 Teaching English as a Second Lang: Methods I
- BBE 6560 Teaching Methods in Bilingual/Bicultural Ed
- BBE 6590 Culture & Language in Bilingual/Bicultural Ed
- BBE 6650 Applied Linguistics: Issues in Bilingual Ed
- BBE 6690 Internship in Bilingual/Bicultural Teaching
- LED 6555 Integration of Language & Content in Teaching

SPECIALIZATIONS

EARLY CHILDHOOD PROFESSIONAL (Minimum 24 hours)

- ELE 3200 Literature for Children
- PSY 3430 Infant Development

- Students must be admitted to Level 2 to take the courses listed below:

- PSY 3440 Psychology of Child Behavior & Development
- EDP 5450 Child Psychology

- PSY 3440 is the preferred course. EDP 5450 may be substituted.

- ELE 6020 Seminar in Early Childhood
- ELE 6040 Role of Content Areas in Early Childhood Ed
- ELE 6070 Family, Community, & School Partnerships
- ELE 6080 Preprimary Goals and Practices
- ELE 6340 Teaching Reading in Early Childhood Education

- For advising contact Anna Miller at (313) 577-0902 or through e-mail at as5408@wayne.edu.

MIDDLE LEVEL PROFESSIONAL (Minimum 20 credits)

- Students must be admitted to Level 2 to take the courses listed below. In addition, students must also complete Pre-Student Teaching and Student Teaching in grades 6-8.

- EDP 5480 Adolescent Psychology
- CED 6700 Role of the Teacher in Guidance
- TED 5250 Teaching the Emerging Adolescent

- TED 5250 is offered during the Fall Semester

- TED 3550 Elem Teaching: Research, Theory, and Practice
- TED 5150 Analysis of Elementary School Teaching
- TED 5160 Analysis of Middle & Secondary School Teaching

- ELE 6070 Family, Community, & School Partnerships

- Select two (2) Method Courses from two (2) Disciplines

For more details, please visit:
http://ted.coe.wayne.edu/mle/Minor.html
Important Information for Education Students

Please Read

▶ LEVEL 1 ADVISING: To determine your progress in meeting University Requirements, College Requirements, and Admission Requirements for Level 2, please see your College of Education Advisor in Academic Services.

The Division of Academic Services in Room 469, College of Education has walk-in 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 call (313) 577-1601.

▶ LEVEL 2 ADVISING: After you have been admitted to Level 2, you should meet with your Level 2 Advisor to review your Plan of Work. Advisors for Level 2 are in the Teacher Education Division of the College of Education. You may call (313) 577-0902 to arrange an advising appointment.

▶ 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 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 Teacher Certification Program 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, then your admission/certification will be delayed.

• Have you ever been convicted of a felony?
• Have you ever been convicted of a misdemeanor?
• Have you ever had a professional license or certification denied, suspended (for cause) or revoked?

A criminal history check, by name, without fingerprints may be accessed for a fee at http://www.michigan.gov/ichat.

Any person seeking admission to a teacher certification program who has been convicted of a felony or misdemeanor must provide certified copies of all documents relative to his/her conviction, including a complete transcript of the trial. 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 the American Red Cross, American Heart Association, or a comparable organization or institution approved by the department [Michigan Department of Education]."

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 – Restricted to College of Education Level 2

**ELEMENTARY EDUCATION**

**Pre-Student Teaching**

- TED 3550: Teaching: Research, Theory, & Practice (WI) .......... 5
- ELE 3320: Teaching Reading I: Emergent Literacy ............... 3
  - TED 3550 & ELE 3320 must be taken concurrently (together)

**The following courses may be taken at any time prior to TED 5780 Directed Teaching:**

- RLL 4430: Teaching Reading II: Comprehension ................. 3
  - RLL 4430 requires completion of ELE 3320 (prerequisite)
- EDP 3310: Educational Psychology .................................. 3
- ELE 3300: Teaching Language Arts: Preprimary-9 ............. 3
- ELE 3400: Teaching Mathematics: Preprimary-9 ................. 3
  - ELE 3400 requires completion of MAT 1110 (prerequisite)
- ELE 3500: Teaching Science: Preprimary-9 .................... 3
- ELE 3600: Teaching Social Studies: Preprimary-9 ............. 3
- LED 6500 Teaching World Languages in Elem & MS ............. 3
  - LED 6500 is required for students with a major or minor in Foreign Language

**The following courses may be taken at any time:**

- BBE 5000 Multicultural Education in Urban America (CD) ....... 2
- ELE 6070 Family, Community, & School Partnerships .......... 3
- SED 5010 Inclusive Teaching ........................................ 2
- TED 6020 Computer Applications in Teaching I (CP) .......... 3

**Student Teaching**

- Students must pass the Michigan Test for Teacher Certification in the appropriate levels and subject areas prior to student teaching.
- Students must apply one (1) year in advance for student teaching. Applications for Fall Student Teaching are due November 30 prior to student teaching and applications for Winter Student Teaching are due May 31 prior to student teaching.
- Student teaching is a variable credit course. When registering, students must input the correct number of credits as specified on your Plan of Work.
- TED 5780 Directed Teaching & Conference ....................... 10

**Total Credits** .......................................................... 46-49

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**EARLY CHILDHOOD EDUCATION**

**Pre-Student Teaching**

- TED 3550: Teaching: Research, Theory, & Practice (WI) .......... 5
- ELE 3320: Teaching Reading I: Emergent Literacy ............... 3
  - TED 3550 & ELE 3320 must be taken concurrently (together)

**The following courses may be taken at any time prior to TED 5780 & TED 5790 Directed/Student Teaching:**

- RLL 4430: Teaching Reading II: Comprehension ................. 3
  - RLL 4430 requires completion of ELE 3320 (prerequisite)
- EDP 3310: Educational Psychology .................................. 3
- ELE 3300: Teaching Language Arts: Preprimary-9 ............. 3
- ELE 3400: Teaching Mathematics: Preprimary-9 ................. 3
  - ELE 3400 requires completion of MAT 1110 (prerequisite)
- ELE 3500: Teaching Science: Preprimary-9 .................... 3
- ELE 3600: Teaching Social Studies: Preprimary-9 ............. 3
- LED 6500 Teaching World Languages in Elem & MS ............. 3
  - LED 6500 is required for students with a major or minor in Foreign Language

**The following courses may be taken at any time:**

- BBE 5000 Multicultural Education in Urban America (CD) ....... 2
- ELE 6070 Family, Community, & School Partnerships .......... 3
- SED 5010 Inclusive Teaching ........................................ 2
- TED 6020 Computer Applications in Teaching I (CP) .......... 3

**Student Teaching (Two Field Experiences Required)**

- In addition to the requirements listed in the left column, students must also pass the Michigan Test for Teacher Certification in Early Childhood Education.
- All students in the Early Childhood program must have a minor in Early Childhood.
- TED 5790 Student Teaching & Conference ....................... 5
  - Student Teaching in the Early Childhood Center
- ELE 6080 Preprimary Goals and Practices ....................... 3
  - TED 5780 & ELE 6080 must be taken concurrently (together)
- TED 5780 Directed Teaching & Conference ....................... 8
  - Student Teaching in the Elementary Grades

**Total Credits** .......................................................... 55-58

Secondary Education Curriculum Guide: Level 1

Effective: June 1, 2006 through May 31, 2007

This guide is for undergraduate Secondary Education students admitted to WSU within the dates listed below.

- Effective Fall 2005 and thereafter: For entering freshmen and students who transfer fewer than 12 credits.
- Effective Fall 2006 and thereafter: For transfer students who began college work (after graduating from high school) in Fall 2005 or later.
- Effective Fall 2007 and thereafter: For all entering students.

Secondary Education

The Secondary Education program leads to a Michigan Secondary Provisional Teaching Certificate for teaching in grades 7-12. Some majors lead to K-12 certification and are attached to the Secondary Provisional Teaching Certificate. These majors include Dance Education, 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, Group Requirements, and Exposure Areas), 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

Admission to the College of Education is based on two levels. Students are directly admitted to the College of Education Level 1 from high school or another institution of higher learning by completing an admission application to the University, selection of a College of Education program on the admission application, and acceptance to Wayne State University. Level 1 students are working to fulfill the requirements found on pages 2 through 4 of this guide, which includes General Education Requirements, College Requirements, and requirements for admission to Level 2. Students during Level 1 also begin taking courses in their teaching major and minor (see pages 5-12).

College of Education Level 2: The Professional Education Sequence

Admission to the College of Education Level 2 program requires a separate College application, which is available in Room 469, College of Education or online at http://www.coe.wayne.edu/as/admiss.htm. Students complete the Level 2 application when all Level 2 admission requirements have been fulfilled (see page 4). Admission to Level 2 is not competitive. Students meeting all requirements will be admitted. Students during Level 2 have access to the Professional Education Sequence (see page 14). The Professional Education Sequence may be completed in two-years and most students begin Level 2 during their Junior year.

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. A grade of “C-” is not acceptable.
- Not more than 64 semester hours from a two-year school or schools will apply toward graduation.

* Students majoring in Dance, Exercise Science (Kinesiology), Health, Music Education, Physical Education (Kinesiology Pedagogy), and Visual Arts Education are not to follow this guide. Please consult the appropriate curriculum guide for your major.

Revised: 7/3/2006
# University Competency Requirements

<table>
<thead>
<tr>
<th>Written Communication: Four Requirements (BC, IC, EP, &amp; WI)</th>
<th>Course(s)</th>
<th>Completed By</th>
<th>Done</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basic Composition (BC)</td>
<td>Choose one: ENG 1020, ENG 1050, or IPS 1510</td>
<td>30 hours</td>
<td></td>
</tr>
<tr>
<td>Intermediate Composition (IC)</td>
<td>Choose one: AFS 2390, ENG 2050, ENG 2100, ENG 2110, ENG 2120, ENG 2210, ENG 2310, ENG 2390, ENG 2570, ENG 3010, ENG 3050, HUM 2000, I H 2010, ISP 3510, or ISP 4991</td>
<td>60 hours</td>
<td></td>
</tr>
<tr>
<td>English Proficiency (EP)</td>
<td>Pass the English Proficiency Examination or, if failed, pass ENG 1080</td>
<td>60 hours</td>
<td></td>
</tr>
<tr>
<td>Writing Intensive in Major (WI)</td>
<td>Completed in Level 2: The Professional Education Sequence (TED 5160)</td>
<td>Completed in Level 2</td>
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<table>
<thead>
<tr>
<th>Mathematics Competency (MC)</th>
<th>Options (Select One):</th>
<th>Completed By</th>
<th>Done</th>
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</thead>
<tbody>
<tr>
<td>Advanced Placement Score</td>
<td>Attain a score of 2 or higher (no credit with a score of 2)) on the Mathematics/Calculus AB or Mathematics/Calculus BC test</td>
<td></td>
<td></td>
</tr>
<tr>
<td>College-Level Examination Program</td>
<td>Attain a score of 50 or higher on either General Math, College Algebra and Trigonometry, or Calculus examination</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Transfer Course</td>
<td>Transfer credit for the equivalent of MAT 1800 Elementary Functions or higher taken at an accredited college</td>
<td>30 hours</td>
<td></td>
</tr>
<tr>
<td>Math Placement Exam</td>
<td>Achieve a satisfactory score on the Math Placement Exam</td>
<td>30 hours</td>
<td></td>
</tr>
<tr>
<td>WSU Math Course</td>
<td>Satisfactory completion of MAT 1000 or any MAT course at a higher level. <strong>MAT 1000 requires the Math Placement Exam</strong></td>
<td>30 hours</td>
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<tr>
<th>Oral Communication (OC)</th>
<th>Options (Select One):</th>
<th>Completed By</th>
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</thead>
<tbody>
<tr>
<td>Oral Communication Competency Exam</td>
<td>Passing score (no credit toward graduation)</td>
<td>30 hours</td>
<td></td>
</tr>
<tr>
<td>Course</td>
<td>Choose one: COM 1010 or ENG 3060 or ISP 1560</td>
<td>30 hours</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Computer Literacy (CL)</th>
<th>Options (Select One):</th>
<th>Completed By</th>
<th>Done</th>
</tr>
</thead>
<tbody>
<tr>
<td>Computer Literacy Competency Exam</td>
<td>Passing score (no credit toward graduation)</td>
<td>30 hours</td>
<td></td>
</tr>
<tr>
<td>Course</td>
<td>Choose one: B E 1200; COM 3210, CSC 1000, CSC 1050, CSC 1100, CSC 1140, CSC 1500, CSC 2110, or any higher level CSC course; IST 2710; MED 5590; MUA 5610; or NUR 1110</td>
<td>30 hours</td>
<td></td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Computer Proficiency (CP)</th>
<th>Course in Major</th>
<th>Completed By</th>
<th>Done</th>
</tr>
</thead>
<tbody>
<tr>
<td>Computer Course in the Major</td>
<td>Completed in Level 2: The Professional Education Sequence (TED 6020)</td>
<td>Completed in Level 2</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Critical Thinking (CT)</th>
<th>Options (Select One):</th>
<th>Completed By</th>
<th>Done</th>
</tr>
</thead>
<tbody>
<tr>
<td>Critical Thinking Competency Exam</td>
<td>Passing score (no credit toward graduation)</td>
<td>60 hours</td>
<td></td>
</tr>
<tr>
<td>Course</td>
<td>Choose one: B A 1010, COM 2110, ISP 3260 or PHI 1050</td>
<td>60 hours</td>
<td></td>
</tr>
</tbody>
</table>

For more information about Qualifying, Placement, and Proficiency examinations, contact Testing and Evaluation in the Student Center Building, Room 698, 313-577-3400; http://www.testing.wayne.edu.
University Group Requirements & Exposure Areas

In meeting group requirements and exposure areas, please note that a given Subject Area Code (e.g. ANT, HIS, PS, etc.) may not be used more than twice, that a course must be at least three semester hours to meet the requirement, and that courses may not be taken on a Passed/Not Passed basis.

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. Group requirements for Life Science and American Institutions are not found on this page and are fulfilled by College Requirements listed on page 4.

<table>
<thead>
<tr>
<th>Group Requirement</th>
<th>Course(s)</th>
<th>Code</th>
<th>Done</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical Science</td>
<td>Choose one: AST 2010, CHM 1000, CHM 1020, CHM 1220, CHM 1225, CHM 1410, GEL 1010, HON 4230, IST 2420, PHY 1020, PHY 1040, PHY 1070, PHY 2130, PHY 2170, PHY 2175, or PHY 3100</td>
<td>PS</td>
<td></td>
</tr>
<tr>
<td>Laboratory</td>
<td>Fulfilled by a Life Science course if completed with the appropriate lab (including PSY 1010 if completed at WSU in or after Fall 1987) or a Physical Science course if completed with the appropriate lab.</td>
<td>LB</td>
<td></td>
</tr>
<tr>
<td>Historical Studies</td>
<td>Choose one: ANT 3200, HIS 1000, HIS 1300, HIS 1400, HIS 1600, HIS 1810, HIS 1810, HIS 1995, HON 4250, I H 3810, ISP 3160, N E 2030, or N E 2040</td>
<td>HS</td>
<td></td>
</tr>
<tr>
<td>Basic Social Science</td>
<td>Choose one: AFS 2210, ANT 2100, ECO 1000, ECO 2010, ECO 2020, GPH 1100, GPH 2000, GPH 3130, GPH 3200, HIS 2000, HON 1000, ISP 3480, ISS 2710, P S 1000, P S 2240, PSY 1500, SOC 2000, SOC 2020, SOC 2500, SOC 3300, SOC 3510, SOC 4100, U S 2000, or W S 3010</td>
<td>SS</td>
<td></td>
</tr>
<tr>
<td>Philosophy &amp; Letters</td>
<td>Choose one: CLA 1010, CLA 2100, CLA 2200, COM 2160, ENG 2200, ENG 2500, ENG 2720, ENG 3110, ENG 3120, ENG 3140, FRE 2700, GER 2310, GER 2700, GER 2891, HON 2100, HON 4200, HUM 2100, HUM 2200, I H 2710, I H 3710, ITA 2700, LIN 2720, PHI 1010, PHI 1020, PHI 1030, PHI 1040, PHI 1100, PHI 2100, PHI 2110, PHI 2320, PHI 3500, PHI 3550, PHI 3700, P S 3510, P S 3520, RUS 2700, RUS 3600, RUS 3650, SLA 2310, or SPA 2700</td>
<td>PL</td>
<td></td>
</tr>
<tr>
<td>Foreign Culture: Your degree in the College of Education (BS or BA) is determined by how you fulfill the Foreign Culture Requirement. A BS in Education Degree requires completing a Foreign Culture course taught in English about another culture. A BA in Education Degree requires completing a Foreign Language to the Intermediate Level.</td>
<td>Approved Foreign Culture Courses for the BS Degree in Education: Choose one: AFS 3250, AFS 3610, ANT 3150, ANT 3520, ANT 3540, ANT 3550, ARM 3410, ARM 4750, CBS 2410, CBS 2420, DNC 2400, ENG 2670, FRE 2710, FRE 2720, GER 2710, GER 2720, GER 3410, GPH 2700, GRK 3710, HIS 2440, HIS 2700, HON 4260, ISP 3600, ISP 3610, ISP 3620, ITA 2710, ITA 2720, JPN 4550, JPN 4560, N E 2000, N E 3550, NUR 4600, POL 2710, POL 3410, P S 2700, RUS 2710, RUS 3410, SLA 3410, or UKR 3410</td>
<td>FC</td>
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<tr>
<td>- or -</td>
<td>Approved Foreign Language Sequence for the BA Degree in Education: Complete one foreign language sequence through the third semester (Intermediate Level: 2010 or 2110)</td>
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</table>

<table>
<thead>
<tr>
<th>Exposure Area *</th>
<th>Course(s)</th>
<th>Code</th>
<th>Done</th>
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</thead>
<tbody>
<tr>
<td>Cultural Diversity</td>
<td>Completed in Level 2: The Professional Education Sequence (BBE 5000)</td>
<td>CD</td>
<td></td>
</tr>
<tr>
<td>Ethical Issues in Society</td>
<td>Choose one: COM 5030, IIST 2030, M S 3300, NUR 2000, PHI 1100 (PL), PHI 1110, PHI 2320 (PL), PHI 2330, PHI 5280, PHI 5300, PPR 6180, or P S 2420</td>
<td>EI</td>
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</tr>
<tr>
<td>Science, Technology, &amp; Society</td>
<td>Choose one: CHM 1000 (PS), COM 5010, COM 5510, COM 6270, ECE 6100, ECO 5210, HIS 1995 (HS), HIS 2510, HIS 3300, HIS 3400, ISP 3160 (HS), IST 2010, IST 2420 (PS), IST 3716, IST 3720, KIN 2010, NFS 2030, PCS 2020, PHI 3600, PHI 5230,PHY 1040 (PS), PHY 1070 (PS), PHY 2020, or P S 2440</td>
<td>ST</td>
<td></td>
</tr>
</tbody>
</table>

The above listing does not include all of the approved Exposure Area courses. Please consult the online Bulletin for a complete list of approved Exposure Area courses: http://www.bulletins.wayne.edu. Some courses may meet other General Education Requirements—see General Education code in parentheses following the course.
College Requirements for Secondary Education

<table>
<thead>
<tr>
<th>Required Courses</th>
<th>Credit</th>
<th>Code</th>
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</tr>
</thead>
<tbody>
<tr>
<td>□ PSY 1010 Introductory Psychology</td>
<td>4</td>
<td>LS</td>
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</tbody>
</table>

Choose One:

- □ PS 1010 American Government (4 cr.)
- □ PS 1030 The American Governmental System (3 cr.)

Note: Social Studies majors must complete PS 1030.

Choose One:

- □ HEA 2310 Dynamics of Personal Health
- □ HEA 2330 First Aid and CPR
- □ H E 3300 Health of the School Child
- □ H E 6500 Comprehensive School Health Education

Choose One:

- □ 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.)

Note: Physical Education minors must complete BIO 1510.

TED 2250 Introduction to Education (Optional - Not Required) 2

Requirements for Admission to College of Education Level 2

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Done</th>
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</thead>
<tbody>
<tr>
<td>1 Completion of at least 53 semester hours</td>
<td></td>
</tr>
<tr>
<td>2 Completion of 12 credit hours in the major</td>
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</tr>
<tr>
<td>3 A minimum cumulative Grade Point Average of 2.50</td>
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<tr>
<td>4 Completion of Basic Composition</td>
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<tr>
<td>5 Completion of English Proficiency</td>
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<tr>
<td>6 Completion of Math Competency</td>
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</tr>
<tr>
<td>7 A passing score on each of the three sections of the State Basic Skills Exam (<a href="http://www.mttc.ncesnc.com">http://www.mttc.ncesnc.com</a>)</td>
<td></td>
</tr>
<tr>
<td>8 A copy of a negative Tuberculosis (TB) test (within the last 3 years)</td>
<td></td>
</tr>
<tr>
<td>9 Verification of 40 hours of successful group work with children. 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 Level 2.</td>
<td></td>
</tr>
<tr>
<td>10 A current (within the last 6 months) statewide Criminal History Check (<a href="http://www.michigan.gov/ichat">http://www.michigan.gov/ichat</a>)</td>
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</tr>
<tr>
<td>11 A completed Level 2 Application (applications are available in Room 469, College of Education or online at <a href="http://www.coe.wayne.edu/ass/admiss.htm">http://www.coe.wayne.edu/ass/admiss.htm</a>)</td>
<td></td>
</tr>
<tr>
<td>12 Up-to-date transcripts from each undergraduate school attended.</td>
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</tr>
<tr>
<td>13 Students with complete applications will be invited to attend a mandatory College of Education Orientation, which is the final requirement for admission to Level 2.</td>
<td></td>
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</table>
# Majors and Minors for Secondary Education

## Undergraduate Curriculum Guide

Valid June 1, 2006 through May 31, 2007

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<td>Communication Arts (Speech/Journalism &amp; TV/Film)*</td>
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<td>Communication Arts (Speech/Journalism &amp; TV/Film)*</td>
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<tr>
<td>Political Science</td>
<td>12</td>
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<tr>
<td>Speech</td>
<td>11</td>
</tr>
</tbody>
</table>

**Important Information for Education Students**

* Contact Information only
SCIENCE MAJORS: SINGLE-SUBJECT (Minimum 50 credits)

- A single-subject Science Major is recommended for students interested in teaching grades 10 - 12.
- 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.

BIOLGY MAJOR

- Minimum 37 credits in Biology; 52 credits in Science
  - BIO 1030 Biology Today (LS) .................................................. 3
  - BIO 1500 Basic Life Diversity .................................................. 4
  - BIO 1510 Basic Life Mechanisms (LS) ...................................... 4
  - BIO 2200 Introductory Microbiology (LS) ................................... 4
  - BIO 2600 Introduction to Cell Biology ..................................... 3
  - BIO 2870 Anatomy and Physiology ......................................... 5
  - BIO 3070 Genetcs .................................................................. 4
  - BIO 4130 Ecology .................................................................. 4
  - BIO 4200 Evolution .................................................................. 3
  - BIO 5620 Developmental Biology .............................................. 3
- Additional Science Requirements
  - CHM 1230 General Chemistry I (PS) ......................................... 4
  - CHM 1230 Lab (concurrently with 1220) ..................................... 1
  - CHM 6740 Laboratory Safety ...................................................... 2
  - GEL 1010 Geology: The Science of the Earth (PS) ..................... 4
  - PHY 2130 General Physics I ...................................................... 3
  - PHY 2131 Lab (concurrently with 2130) ..................................... 1
- Additional Mathematics Requirements
  - MAT 2010 Calculus I ................................................................. 4
  - MAT 2210 Probability & Statistics for Teachers ....................... 4

CHEMISTRY MAJOR

- Minimum 36 credits in Chemistry; 50 credits in Science
  - CHM 1000 Chemistry and Your World (PS), (ST) ....................... 4
  - CHM 1220 General Chemistry I (PS) ......................................... 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 2260 General Chemistry II: Analytical Chemistry .......... 3
  - CHM 2290 Lab (concurrently with 2290) .................................... 2
  - CHM 3020 Intermediate Inorganic Chemistry I ....................... 3
  - CHM 5400 Biological Physical Chemistry ................................. 4
  - CHM 5550 Physical Chemistry Laboratory ................................ 2
  - CHM 5600 Survey of Biochemistry .......................................... 3
  - CHM 6740 Laboratory Safety .................................................... 2
- Additional Science Requirements
  - BIO 1050 An Introduction to Life ............................................ 4
  - GEL 1010 Geology: The Science of the Earth (PS) .................... 4
  - PHY 2130 General Physics I (PS) ............................................. 3
  - PHY 2131 Lab (concurrently with 2130) ..................................... 1
- Additional Mathematics Requirements
  - MAT 2010 Calculus I ................................................................. 4
  - MAT 2210 Probability & Statistics for Teachers ....................... 4

EARTH/SPACE MAJOR (GEOLOGY & ASTRONOMY)

- Minimum 36 crs. in Geology/Astronomy; 51 crs. in Science
  - GEL 1010 Geology: The Science of the Earth (PS) .................... 4
  - GEL 1020 Interpreting the Earth ............................................. 4
  - GEL 1050 Oceanography .......................................................... 4
  - GEL 1370 Meteorology: The Study of Weather ......................... 3
  - GEL 2130 Mineralogy .............................................................. 4
  - GEL 3400 Principles of Sedimentology & Stratigraphy ............. 4
  - GEL 3180 Petrology ............................................................... 4
  - GEL 3300 Structural Geology .................................................. 4
  - AST 2010 Descriptive Astronomy (PS) ..................................... 4
  - AST 2011 Lab (concurrently with 2010) .................................... 1
- Additional Science Requirements
  - BIO 1050 An Introduction to Life ............................................ 4
  - CHM 1220 General Chemistry I (PS) ......................................... 4
  - CHM 1230 Lab (concurrently with 1220) .................................... 1
  - CHM 6740 Laboratory Safety .................................................... 2
  - PHY 2130 General Physics I (PS) ............................................. 3
  - PHY 2131 Lab (concurrently with 2130) ..................................... 1
- Additional Mathematics Requirements
  - MAT 2010 Calculus I ................................................................. 4
  - MAT 2210 Probability & Statistics for Teachers ....................... 4

PHYSICS MAJOR

- Minimum 33 credits in Physics; 52 credits in Science
  - PHY 2170 General Physics (PS) ............................................... 4
  - PHY 2171 Lab (concurrently with 2170) .................................... 1
  - PHY 2180 General Physics ...................................................... 4
  - PHY 2181 Lab (concurrently with 2180) .................................... 1
  - PHY 3300 Introductory Modern Physics ................................... 3
  - PHY 3310 Lab (concurrently with 3300) .................................... 1
  - PHY 5200 Mechanical Phenomena* ......................................... 3
  - PHY 5350 Optics* ................................................................. 5
  - PHY 5600 Electricity and Magnetism ** ................................... 4
  - PHY 1040 Einstein, Relativity and Quanta (PS) (ST) ................. 3
  - PHY 5010 Astrophysics and Stellar Astronomy ....................... 3
  - PHY 1070 Energy and the Environment (PS) (ST) ...................... 4
  - PHY 3100 The Sounds of Music (PS) ....................................... 3
- Additional Science Requirements
  - BIO 1050 An Introduction to Life ............................................ 4
  - CHM 1220 General Chemistry I (PS) ......................................... 4
  - CHM 1230 Lab (concurrently with 1220) .................................... 1
  - CHM 6740 Laboratory Safety .................................................... 2
  - GEL 1010 Geology: The Science of the Earth (PS) .................... 4
  - Science Elective: Select a four (4) credit science course ........ 4
  - Note: The 4 credit science elective is required to meet the minimum 50 total credits in Science.
- Additional Mathematics Requirements
  - MAT 2010 Calculus I ................................................................. 4
  - MAT 2210 Probability & Statistics for Teachers ....................... 4
  - * Prerequisite: MAT 2030 Calculus III
  - ** Prerequisite: MAT 2350 Differential Equations

Note: The 50 credit hour requirement in Science does not include the additional requirements in mathematics. Curriculum requirements may exceed the minimum 50 credit hour requirement in some Science majors.

The Integrated Science Major is found on page 7.
INTEGRATED SCIENCE MAJOR (Minimum 61 credits)

- The Integrated Science Major is recommended for students interested in teaching grades 7 - 9.
- 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.
- The Secondary Integrated Science Major requires at least 61 credits unless the minor is also Science.
- Accreditation from the North Central Association of Colleges & Secondary Schools requires that teachers have at least twelve semester credits in any one science subject that they teach.

BIOLOGY (5 courses for 20 credit hours)
- BIO 1500 Basic Life Diversity.................................4
- BIO 1510 Basic Life Mechanisms (LS)..........................4
- BIO 2200 Introductory Microbiology (LS)..........................4
- BIO 3070 Genetics.................................................4
- The only prerequisite to BIO 3070 for Secondary Education Students with an Integrated Science Major is BIO 2200 Introductory Microbiology.
- BIO 6210 Ecology and Evolution.................................4

CHEMISTRY (4 courses, plus labs for 17 credit hours)
- CHM 1220 General Chemistry I (PS)..........................4
- CHM 1230 Lab (concurrently with 1220).........................1
- CHM 1240 Organic Chemistry .....................................4
- CHM 1250 Lab (concurrently with 1240).........................1
- CHM 2220 Organic Chemistry II ..................................3
- CHM 2230 Lab (concurrently with 2220).........................2
- CHM 6740 Laboratory Safety.....................................2

PHYSICS (3 courses, plus labs for 12 credit hours)
- PHY 2130 General Physics (PS)..................................3
- PHY 2131 Lab (concurrently with 2130).........................1
- PHY 2140 General Physics........................................3
- PHY 2141 Lab (concurrently with 2140).........................1
- PHY _____ Modern Physics for Secondary School Educators 4
  * The Course number is pending approval.

EARTH/SPACE SCIENCE (3 courses, plus lab for 12 credit hours)
- AST 2010 Descriptive Astronomy (PS)..........................4
- AST 2011 Lab (concurrently with 2010).........................1
- GEL 1010 Geology: The Science of the Earth (PS).............4
- GEL 1370 Meteorology: The Study of Weather ..................3

ADDITIONAL REQUIREMENTS
- MAT 1500 Elementary Functions..................................4
- MAT _____ Elective in Mathematics..............................2
- CSC _____ Elective in Computer Science.........................2

MATHEMATICS MAJOR (Minimum 41 credits)
- MAT 2010 Calculus I.............................................4
- MAT 2020 Calculus II...........................................4
- MAT 2030 Calculus III..........................................4
- MAT 2210 Probability & Statistics for Teachers...............4
- MAT 2250 Elementary Linear Algebra............................3
- MAT 2860 Discrete Mathematics................................3
- MAT 5000 Fundamental Concepts of Math & Proof Writing....3
- MAT 5070 Advanced Calculus...................................4
- MAT 5400 Elementary Theory of Numbers.......................3
- MAT 5520 Introduction to Topology.............................3
- MAT 6140 Geometry: An Axiomatic Approach...................3
- MAT 6170 Algebra: Ring Theory..................................4
- MAT 5420 Algebra I.............................................4
- MAE 6200 Teaching Arithmetic, Algebra, & Functions........3
- MAE 6210 Teaching Geometry, Prob/Stats, & Discrete Math...3
- All students who plan to take MAT 0085, 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) 977-3400 or online at http://www.testing.wayne.edu/ for test dates.

ENGLISH MAJOR (Minimum 31 credits)
Basic & Intermediate Composition courses may not be counted.
- ENG 2200 Shakespeare (PL)....................................3
- ENG 2390 Intro African-American Literature & Writing (IC)....4
- ENG 2530 Literature & Identity..................................3
- ENG 2540 Literature of the World................................3
- ENG 3110 English Language to 1700 (PL).........................3
- ENG 3120 English Language after 1700 (PL)......................3
- ENG 3140 Survey of American Literature (PL)..................3
- ENG 5420 American Literature: 1865-1914.......................3
- ENG 5450 Modern American Literature..........................3
- ENG 5730 English Grammar.....................................3
- ENG 5730 is strongly recommended prior to ENG 5720........3
- ENG 5720 Introduction to Linguistic Theory.....................3
- ENG 2390 is strongly recommended prior to ENG 6010........3
- ENG 6010 Tutoring Practicum..................................3

SPEECH MAJOR (Minimum 34 credits beyond COM 1010)
- COM 1500 Survey of Mass Communication........................3
- COM 2110 Argumentation and Debate (CT).......................3
- COM 2170 Persuasive Speaking..................................3
- COM 2200 Interpersonal Communication........................3
- COM 1600 Introduction to Audio-TV-Film Production............3
- COM 2280 Photojournalism.......................................3
- COM 5300 Desktop Publishing...................................4
- COM 2500 Oral Interpretation of Literature.....................3
- HUM 1020 Experiencing the Arts (VP)............................3
- HUM 2000 Reading & Writing About the Arts (IC)................3
- COM 3270 Group Communication & Human Interaction............3
- COM 3400 Theories of Communication............................4
- COM 4040 Diversity in Interpersonal Communication (CD).....3
- COM 5030 Communication Ethics (EI)............................3
- COM 6070 Directing Forensics..................................3
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. Courses taught in English about the culture or language will not apply. 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.

- Completion of Foreign Language courses is not sufficient for teacher certification. Students must score at the Advanced Low Level in French, German, Italian, Latin, or Spanish, or at the Intermediate High Level in Russian 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.

- Dr. Marc Rosa is the College of Education Program Coordinator for Foreign Language. Dr. Rosa may be contacted at (313) 577-0902 or through e-mail at ae4976@wayne.edu.

### FOREIGN LANGUAGE MAJOR 7-12

- Approved languages for Secondary Education are French, German, Italian, Latin, Russian, and Spanish.

- The following two (2) methodology courses are required after admission to Level 2:
  - LED 6520 Teaching ESL/Foreign Language Methods I
  - LED 6530 Teaching ESL/Foreign Language Methods II

### FOREIGN LANGUAGE MAJOR K-12

- K-12 Certification is available in Spanish or Italian. Students must complete a MAJOR in Spanish or Italian.

- The following three (3) methodology courses are required after admission to Level 2:
  - LED 6520 Teaching ESL/Foreign Language Methods I
  - LED 6530 Teaching ESL/Foreign Language Methods II
  - LED 6500 Teaching World Languages in Elem & Middle Sch. III

### FRENCH MAJOR (Minimum 30 credits)

- FRE 3200 Conversation & Composition
- FRE 3300 Readings in French & Francophone Lit & Cult
- FRE 4610 Introduction to Literary Textual Analysis
- FRE 4620 Topics in Sociocultural Analysis
- FRE 5100 Advanced Composition
- FRE 5200 French Phonetics & Pronunciation
- FRE 5305 Advanced Grammar & Stylistics
- FRE 6400 The Structure of French
- FRE 6450 French Civilization
- FRE 6470 Contemporary French Society & Institutions

- Select two (2) of the following courses:
  - FRE 6510 French Sixteenth Century Literature
  - FRE 6630 French Seventeenth Century Literature
  - FRE 6650 French Eighteenth Century Literature
  - FRE 6770 Studies in French Literature
  - FRE 6810 French Nineteenth Century Literature
  - FRE 6840 French Twentieth Century Literature
  - FRE 6860 Francophone Literatures

### GERMAN MAJOR (Minimum 30 credits)

- GER 3100 Intermediate Composition & Conversation I
- GER 3200 Intermediate Composition & Conversation II
- GER 4600 Proseminar: Modern German Literature
- GER 5100 Advanced Composition & Conversation
- GER Elective 5000-6000 Level
- GER Elective 5000-6000 Level
- GER Elective 5000-6000 Level
- GER Elective 5000-6000 Level
- GER Elective 5000-6000 Level
- GER Elective 5000-6000 Level

### ITALIAN MAJOR (Minimum 30 credits)

- ITA 3100 Italian Conversation
- ITA 3200 Italian Grammar & Composition
- ITA 4610 Text & Context I: Origins to 1700
- ITA 4620 Text & Context II: 1700 to Present
- ITA 5200 Italian Phonetics & Diction
- ITA 5570 Topics in Italian Studies
- ITA 6610 Dante: Divine Comedy
- ITA 6680 Studies in Renaissance Literature & Culture
- ITA 6690 Studies in Baroque Lit & Cult
- ITA 6700 Studies in Eighteenth-Century Lit & Cult
- ITA 6600 Studies in Nineteenth-Century Lit & Cult
- ITA 6600 Studies in Twentieth-Century Lit & Cult

### LATIN MAJOR (Minimum 32 credits)

- LAT 3150 Cicero
- LAT 3210 Latin Poetry
- LAT 3220 Latin Prose
- LAT 5810 Roman Historians
- LAT 5850 Epic
- LAT Elective
- LAT Elective
- LAT Elective

### SPANISH MAJOR (Minimum 30 credits)

- SPA 3100 Grammar Review & Composition
- SPA 3200 Conversation
- SPA 3300 Readings in Hispanic Literature & Culture
- SPA 4610 Survey of Spanish Literature I
- SPA 4620 Survey of Spanish Literature II
- SPA 4630 Survey of Spanish American Literature I
- SPA 4640 Survey of Spanish American Literature II
- SPA 5100 Advanced Composition
- SPA 5200 Spanish Phonetics
- SPA 5550 Spanish Culture and Its Tradition
- SPA 5560 Spanish American Cultures and Their Trad.
- SPA 5570 Topics in Hispanic Culture or Language
- SPA Elective 5000-6000 Level
- SPA Elective 5000-6000 Level

### RUSSIAN MAJOR (Minimum 30 credits)

- RUS 3010 Intermediate-Advanced Russian
- RUS 3010 Intermediate-Advanced Russian
- RUS 3020 Intermediate-Advanced Russian II
- RUS 3020 Intermediate-Advanced Russian II
- RUS 5600 Major Russian Writers
- RUS Elective
- RUS Elective
- RUS Elective
- RUS Elective

*Note: RUS 3010 and 3020 are taken in two tracks for 8 credits.
### ECONOMICS MAJOR (Minimum 30 credits)

- **ECO 2010 Principles of Microeconomics (SS)**: 3 credits
- **ECO 2020 Principles of Macroeconomics (SS)**: 3 credits
- **ECO 5100 Introductory Statistics & Econometrics**: 4 credits
- **ECO 5300 International Trade**: 4 credits
- **ECO 5310 International Finance**: 4 credits
- **ECO 5400 Labor Economics**: 4 credits
- **ECO 5410 Economics of Race & Gender (CD)**: 4 credits
- **ECO 5550 Economics of Health Care**: 4 credits

### GEOGRAPHY MAJOR (Minimum 30 credits)

- **GPH 1100 World Regional Patterns (SS) (CD)**: 4 credits
- **GPH 2200 Geography of Michigan**: 4 credits
- **GPH 2500 Geography of Africa**: 4 credits
- **GPH 3130 Introductory Urban Geography (SS)**: 4 credits
- **GPH 3200 Europe (SS)**: 4 credits
- **GPH 5750 Social & Economic Geography of US & Canada**: 4 credits
- **GPH ___ Elective**: 4 credits
- **GPH ___ Elective at or above the 5000 level**: 4 credits

### HISTORY MAJOR (Minimum 33 credits)

- **HIS 1000 World Civilization to 1500 (HS)**: 3 credits
- **HIS 1300 Europe and the World: 1500-1945 (HS)**: 3 credits
- **HIS 2040 United States to 1877**: 3 credits
- **HIS 2050 United States Since 1877**: 3 credits
- **HIS ___ History of Michigan**: 3 credits
- **HIS ___ Non-West Europe/Non-US Elective**: 3 credits
- **HIS ___ Elective at or above the 3000 level**: 3 credits
- **HIS ___ Elective at or above the 3000 level**: 3 credits
- **HIS ___ Elective at or above the 5000 level**: 3 credits
- **HIS ___ Elective at or above the 5000 level**: 3 credits

### POLITICAL SCIENCE MAJOR (Minimum 30 credits)

- **P S ___ 1010 American Government (AI)**: 4 credits
- **P S ___ 2810 World Politics**: 4 credits
- **P S ___ 3020 Political Parties & Elections**: 4 credits
- **P S ___ 3040 The Legislative Process**: 4 credits
- **P S ___ 3070 Michigan Politics**: 4 credits
- **P S ___ 5120 Constitutional Rights & Liberties**: 4 credits
- **P S ___ Elective**: 3 credits
- **P S ___ Elective at or above the 5000 level**: 3 credits

### SOCIAL STUDIES MAJOR (Minimum 36 credits)

- The minimum is 36 credit hours. Two courses are required in History, Political Science, Economics, and Geography.
  - **P S ___ 1030 The American Governmental System (AI)**: 3 credits
  - **P S ___ 3070 Michigan Politics**: 4 credits
  - **GPH 1100 World Regional Patterns (SS) (CD)**: 4 credits
  - **GPH 2200 Geography of Michigan**: 4 credits
  - **HIS 1000 World Civilization to 1500* (HS)**: 3-4 credits
  - **HIS 1300 Europe and the World: 1500-1945* (HS)**: 3-4 credits
  - **HIS 2040 United States to 1877***: 3-4 credits
  - **HIS 2050 United States Since 1877***: 3-4 credits
  - **HIS 2240 History of Michigan***: 3-4 credits
  - **ECO ___ Principles of Microeconomics* (SS)**: 3-4 credits
  - **ECO ___ Principles of Macroeconomics* (SS)**: 3-4 credits

* Some courses in History and Economics are offered for 3 or 4 credits. Please verify that your total credits meet the required minimum credit hours for the Social Studies major. One of the courses identified with an asterisk must be completed for 4 credits.
### 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.
- Students are advised to begin fulfilling the requirement in mathematics as early as possible.
- 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.
- Integrated Science is not available as a minor. Please see page 7 for the Integrated Science Major.

#### BIOLOGY MINOR (Minimum 27 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 1030 Biology Today (LS)</td>
<td>3</td>
</tr>
<tr>
<td>BIO 1500 Basic Life Diversity</td>
<td>4</td>
</tr>
<tr>
<td>BIO 1510 Basic Life Mechanisms (LS)</td>
<td>4</td>
</tr>
<tr>
<td>BIO 2870 Anatomy and Physiology</td>
<td>5</td>
</tr>
<tr>
<td>BIO 3070 Genetics</td>
<td>4</td>
</tr>
<tr>
<td>BIO 4130 Ecology</td>
<td>4</td>
</tr>
<tr>
<td>BIO 4200 Evolution</td>
<td>3</td>
</tr>
</tbody>
</table>

**ADDITIONAL REQUIREMENTS**

- MAT 1800 Elementary Functions                                       | 4       |
- CHM 6740 Laboratory Safety                                           | 2       |

#### CHEMISTRY MINOR (Minimum 26 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHM 1000 Chemistry and Your World (PS) (ST)</td>
<td>4</td>
</tr>
<tr>
<td>CHM 1220 General Chemistry I (PS)</td>
<td>4</td>
</tr>
<tr>
<td>CHM 1230 Lab (concurrently with 1220)</td>
<td>1</td>
</tr>
<tr>
<td>CHM 1240 Organic Chemistry I</td>
<td>4</td>
</tr>
<tr>
<td>CHM 1250 Lab (concurrently with 1240)</td>
<td>1</td>
</tr>
<tr>
<td>CHM 2220 Organic Chemistry II</td>
<td>3</td>
</tr>
<tr>
<td>CHM 2230 Lab (concurrently with 2220)</td>
<td>2</td>
</tr>
<tr>
<td>CHM 2280 General Chemistry II: Analytical Chemistry</td>
<td>3</td>
</tr>
<tr>
<td>CHM 2290 Lab (concurrently with 2280)</td>
<td>2</td>
</tr>
<tr>
<td>CHM 6740 Laboratory Safety</td>
<td>2</td>
</tr>
</tbody>
</table>

**ADDITIONAL REQUIREMENTS**

- MAT 1800 Elementary Functions                                       | 4       |

#### EARTH/SPACE MINOR (GEOLOGY & ASTRONOMY) (Min 24 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEL 1010 Geology: The Science of the Earth (PS)</td>
<td>4</td>
</tr>
<tr>
<td>GEL 1020 Interpreting the Earth</td>
<td>4</td>
</tr>
<tr>
<td>GEL 1370 Meteorology: The Study of Weather</td>
<td>3</td>
</tr>
<tr>
<td>GEL 2130 Mineralogy</td>
<td>4</td>
</tr>
<tr>
<td>GEL 3400 Principles of Sedimentology &amp; Stratigraphy</td>
<td>4</td>
</tr>
<tr>
<td>GEL 3160 Petrology</td>
<td>4</td>
</tr>
<tr>
<td>AST 2010 Descriptive Astronomy (PS)</td>
<td>4</td>
</tr>
<tr>
<td>AST 2011 Lab (concurrently with 2010)</td>
<td>1</td>
</tr>
</tbody>
</table>

**ADDITIONAL REQUIREMENTS**

- MAT 1800 Elementary Functions                                       | 4       |
- CHM 6740 Laboratory Safety                                           | 2       |

#### PHYSICS MINOR (Minimum 24 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHY 2170 General Physics (PS)</td>
<td>4</td>
</tr>
<tr>
<td>PHY 2171 Lab (concurrently with 2170)</td>
<td>1</td>
</tr>
<tr>
<td>PHY 2180 General Physics</td>
<td>4</td>
</tr>
<tr>
<td>PHY 2181 Lab (concurrently with 2180)</td>
<td>1</td>
</tr>
<tr>
<td>PHY 3300 Introductory Modern Physics</td>
<td>3</td>
</tr>
<tr>
<td>PHY 3310 Lab (concurrently with 3300)</td>
<td>1</td>
</tr>
<tr>
<td>PHY 5200 Mechanical Phenomena</td>
<td>3</td>
</tr>
<tr>
<td>PHY 1040 Einstein, Relativity and Quanta (PS) (ST)</td>
<td>3</td>
</tr>
<tr>
<td>PHY 5010 Astrophysics and Stellar Astronomy</td>
<td>3</td>
</tr>
<tr>
<td>PHY 1070 Energy and the Environment (PS) (ST)</td>
<td>4</td>
</tr>
<tr>
<td>PHY 3100 The Sounds of Music (PS)</td>
<td>4</td>
</tr>
</tbody>
</table>

**ADDITIONAL REQUIREMENTS**

- MAT 1800 Elementary Functions                                       | 4       |
- CHM 6740 Laboratory Safety                                           | 2       |

* Prerequisite: MAT 2030 Calculus III

#### MATHEMATICS MINOR (Minimum 25 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAT 2010 Calculus I</td>
<td>4</td>
</tr>
<tr>
<td>MAT 2020 Calculus II</td>
<td>4</td>
</tr>
<tr>
<td>MAT 2210 Probability &amp; Statistics for Teachers</td>
<td>4</td>
</tr>
<tr>
<td>MAT 2250 Elementary Linear Algebra</td>
<td>3</td>
</tr>
<tr>
<td>MAT 2860 Discrete Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>MAT 6140 Geometry: An Axiomatic Approach</td>
<td>3</td>
</tr>
<tr>
<td>MAT 6170 Algebra: Ring Theory</td>
<td>4</td>
</tr>
<tr>
<td>MAT 5420 Algebra I</td>
<td>4</td>
</tr>
</tbody>
</table>

**ADDITIONAL REQUIREMENTS**

- All students who plan to take MAT 0095, 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.

#### COMPUTER SCIENCE MINOR (Minimum 24 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSC 1100 Problem Solving and Programming (CL)</td>
<td>4</td>
</tr>
<tr>
<td>CSC 1500 Fundamental Structures in Computer Scl (CL)</td>
<td>3</td>
</tr>
<tr>
<td>CSC 2110 Intro to Data Structures &amp; Abstraction (CL)</td>
<td>4</td>
</tr>
<tr>
<td>CSC 2200 Data Structures &amp; Algorithm Analysis</td>
<td>4</td>
</tr>
<tr>
<td>TED 6020 Computer Applications in Teaching I (CP)</td>
<td>3</td>
</tr>
<tr>
<td>TED 6030 Computer Applications in Teaching II</td>
<td>3</td>
</tr>
<tr>
<td>CSC ____ Elective at or above the 3000 level (excluding 4990, 4995; CSC 3750 recommended)</td>
<td>3</td>
</tr>
</tbody>
</table>

- Computer Science Courses (CSC) may have prerequisites for advanced mathematics courses. Please consult the Bulletin for prerequisites prior to registering for Computer Science Courses.

* Contact Dr. Gary Smith at (313) 577-0902 or through e-mail at aa4448@wayne.edu prior to enrolling in TED 6030.
Among courses enclosed by a border, choose one.

ENGLISH MINOR (Minimum 25 credits)
- Basic & Intermediate Composition courses may not be counted.
  - ENG 2200 Shakespeare (PL) ........................................ 3
  - ENG 2390 Intro African-American Literature & Writing (IC) .... 4
- ENG 2530 Literature & Identity ........................................ 3
- ENG 2540 Literature of the World ..................................... 3
- ENG 3110 English Literature to 1700 (PL) .......................... 3
- ENG 3120 English Literature after 1700 (PL) ....................... 3
- ENG 3140 Survey of American Literature (PL) ...................... 3
- ENG 5450 Modern American Literature ............................. 3
  - ENG 5730 English Grammar ......................................... 3
    - ENG 5730 is strongly recommended prior to ENG 5720
  - ENG 5720 Introduction to Linguistic Theory ....................... 3
  - ENG 2390 is strongly recommended prior to ENG 6010
  - ENG 6010 Tutoring Practicum ..................................... 3

SPEECH MINOR (Minimum 21 credits beyond COM 1010)
- COM 1010 (OC) is a prerequisite for this minor.
  - COM 1500 Survey of Mass Communication ........................ 3
  - COM 2110 Argumentation and Debate (CT) ......................... 3
  - COM 2170 Persuasive Speaking ..................................... 3
  - COM 2200 Interpersonal Communication ........................... 3
  - COM 2500 Oral Interpretation of Literature ....................... 3
  - COM 5030 Communication Ethics (EI) .............................. 3
  - COM 6070 Directing Forensics .................................... 3

COMMUNICATION ARTS MINOR
- The minor in Communication Arts including Speech/ Journalism and TV/Film is under development. See page 9 for contact information.

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.
- Courses taught in English about the culture or language will not apply. Students may be required to complete lower level courses as prerequisites to courses at the 3000 level or above.
- Completion of Foreign Language courses is not sufficient for teacher certification. Students must score at the Advanced Low Level in French, German, Italian, Latin, or Spanish, or at the Intermediate High Level in Russian 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.
  - Dr. Marc Rosa is the College of Education Program Coordinator for Foreign Language. Dr. Rosa may be contacted at (313) 577-0902 or through e-mail at ae4976@wayne.edu.
  - The following methodology course is required after admission to Level 2:
    - LED 6520 Teaching ESL/Foreign Language Methods I

FRENCH MINOR (Minimum 21 credits)
- FRE 3200 Conversation & Composition ................................ 3
- FRE 3300 Readings in French & Francophone Lit & Cult .......... 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 6400 The Structure of French ................................ 3

GERMAN MINOR (Minimum 21 credits)
- GER 3100 Intermediate Composition & Conversation I ........... 3
- GER 3200 Intermediate Composition & Conversation II .......... 3
- GER 4600 Proseminar: Modern German Literature ................. 3
- GER 5100 Advanced Composition & Conversation ................... 3
  - GER ___ Elective 5000-6000 Level .............................. 3
- GER ___ Elective 5000-6000 Level .............................. 3
  - GER ___ Elective 5000-6000 Level .............................. 3

ITALIAN MINOR (Minimum 21 credits)
- ITA 3100 Italian Conversation ...................................... 3
- ITA 3200 Italian Grammar & Composition .......................... 3
- ITA 4610 Text & Context I: Origins to 1700 ....................... 3
- ITA 4620 Text & Context II: 1700 to Present ...................... 3
- ITA 5200 Italian Phonetics & Dictation ........................... 3
- ITA 5570 Topics in Italian Studies ................................ 3
- ITA 6610 Dante: Divine Comedy .................................... 3

LATIN MINOR (Minimum 20 credits)
- LAT 3150 Cicero ....................................................... 4
- LAT 3210 Latin Poetry ................................................ 4
- LAT 3220 Latin Prose .................................................. 4
- LAT 5810 Roman Historians ......................................... 4
- LAT 5850 Epic ............................................................ 4

SPANISH MINOR (Minimum 21 credits)
- SPA 3100 Grammar Review & Composition .......................... 3
- SPA 3200 Conversation ................................................ 3
- SPA 3300 Readings in Hispanic Literature & Culture ............ 3
- SPA 4610 Survey of Spanish Literature I .......................... 3
- SPA 4620 Survey of Spanish Literature II ......................... 3
- SPA 4630 Survey of Spanish American Literature I .............. 3
- SPA 4640 Survey of Spanish American Literature II ............. 3
- SPA 5100 Advanced Composition ..................................... 3
- SPA 5200 Spanish Phonetics .......................................... 3

RUSSIAN MINOR (Minimum 20 credits)
- RUS 3010 Intermediate-Advanced Russian I ....................... 4
- RUS 3020 Intermediate-Advanced Russian II ....................... 4
- RUS 5600 Major Russian Writers ................................... 3
  - RUS ___ Elective .................................................... 3
  - RUS ___ Elective .................................................... 3
  - RUS ___ Elective .................................................... 3

BILINGUAL-BICULTURAL MINOR (Minimum 24 credits)
- Students must demonstrate superior proficiency (speaking, reading, and writing) in a non-English language as measured by the Oral Proficiency Interview (OPI) from the ACTFL.
- Prior to taking courses for this minor, students must contact Dr. Marc Rosa at (313) 577-0902 or through e-mail at ae4976@wayne.edu for an appointment.
  - BBE 5000 Multicultural Education in Urban America (CD) ...... 2
  - BBE 5020 Effective Involvement of Parents in Sch/Com ........ 3
  - BBE 5500 Introduction to Bilingual/Bicultural Education .... 3
  - LED 6520 Teaching English as a Second Lang: Methods I .... 3
  - BBE 6560 Teaching Methods in Bilingual/Bicultural Ed ....... 3
  - BBE 6590 Culture & Language in Bilingual/Bicultural Ed ...... 3
  - BBE 6850 Applied Linguistics: Issues in Bilingual Ed ........ 3
  - BBE 6600 Internship in Bilingual/Bicultural Teaching ......... 3
  - LED 6555 Integration of Language & Content in Teaching ..... 1
Among courses enclosed by a border, choose one.

**ECONOMICS MINOR** (Minimum 26 credits)
- ECO 2010 Principles of Microeconomics (SS)........... 3
- ECO 2020 Principles of Macroeconomics (SS).......... 3
- 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 (CD) ......... 4
- ECO 5550 Economics of Health Care .................... 4

**GEOGRAPHY MINOR** (Minimum 22 credits)
- GPH 1100 World Regional Patterns (SS) (CD) ....... 4
- GPH 2200 Geography of Michigan ....................... 3
- GPH 2500 Geography of Africa .......................... 3
- GPH 3130 Introductory Urban Geography (SS) ....... 4
- GPH 3200 Europe (SS) .................................... 3
- GPH 5750 Social & Economic Geography of US & Canada 4

**HISTORY MINOR** (Minimum 22 credits)
- HIS 1000 World Civilization to 1500 (HS) ............ 3
- HIS 1300 Europe and the World: 1500-1845 (HS) .... 3
- HIS 2040 United States to 1877 ........................ 3
- HIS 2050 United States Since 1877 ...................... 3
- HIS 2240 History of Michigan*............................ 4
- HIS____ Elective at or above the 3000 level ............ 3
- HIS____ Elective at or above the 5000 level ............ 3
* Michigan History is offered for 3 or 4 credits. Please verify that your total credits meet the required minimum credit hours for the History minor.

**POLITICAL SCIENCE MINOR** (Minimum 20 credits)
- PS 1010 American Government (AI) ....................... 4
- PS 2610 World Politics .................................. 4
- PS 3020 Political Parties & Elections ................ 4
- PS 3070 Michigan Politics ................................ 4
- PS 3040 The Legislative Process ......................... 4
- PS 5120 Constitutional Rights & Liberties .......... 4

**DANCE MINOR (K-12)** (Minimum 28 credits)
- DNC 2000 Introduction to Dance (VP) (CD) ........... 4
- DNC 2010 Technique Laboratory I: Part I ............ 2
- DNC 2020 Technique Laboratory I: Part II .......... 2
- DNC 2210 Intermediate Ballet .......................... 2
- DNC 2300 History of Dance to 1800 ...................... 3
- DNC 2310 History of Dance from 1800 (VP) ........... 3
- DNC 2311 Issues and Trends ................................ 2
- DNC 3010 Technique Laboratory II (2+2) ............. 4
- DNC 2500 Choreography I ................................ 2
- DNC 5610 Dance Company I ................................ 1
- DNC 4810 Methods in Modern Dance/Ballet .......... 3
- DNC 5610 Creative Dance for Children ................. 3

A Dance Minor carries K-12 Certification. For information, contact Professor Douglas Riser at (313) 577-4273 or through e-mail at ar2852@wayne.edu for advising.

**HEALTH EDUCATION MINOR** (Minimum 24 credits)
- HEA 2310 Dynamics of Personal Health .................. 3
- HEA 2330 First Aid & CPR ................................ 3
- H E 3300 Health of the School Child ...................... 3
- HE 4340 Family & Reproductive Health ............... 3
- H E 5440 Mental Health & Substance Abuse (CD) .... 3
- H E 3440 Nutrition & Health Education ............... 3

- H E 3330 & H E 6500 require completion of 18 credit hours in Health (prerequisite).
- H E 3330 School Health Education ....................... 3
- H E 6500 Comprehensive School Health Education .... 3

- H E 6430 requires completion of either H E 3330 or H E 6500 (prerequisite).
- H E 6430 School Health Curriculum ..................... 3
- Students who minor in Health Education are advised by Dr. Steven Singleton. Contact Dr. Singleton at (313) 577-4265 or through e-mail at aa4144@wayne.edu.

**PHYSICAL EDUCATION MINOR** (Minimum 29 credits)
- BIO 2870 Anatomy and Physiology**.................... 5
- KIN 3400 Lifespan Growth & Development ........... 3
- KIN 3550 Motor Learning & Control .................... 3
- KIN 5580 Pediatric Exercise Physiology .............. 3
- KIN 5400 Inclusion in Physical Education ........... 3
- KIN 3610 Movement Education and Dance .......... 3
- KIN 3620 Sports Education ................................ 3
- KIN 3630 Adventure and Fitness Education .......... 3
- KIN 4460 Methods in PE for Secondary Children .... 3

- Students who minor in Physical Education are advised by an advisor in the Kinesiology, Health, and Sport Science Division (313) 577-4265.

**SPECIALIZATION**

**MIDDLE LEVEL PROFESSIONAL** (Minimum 20 credits)

- Students must be admitted to Level 2 to take the courses listed below. In addition, students must also complete Pre-Student Teaching and Student Teaching in grades 6-8.

- EDP 5480 Adolescent Psychology ......................... 3
- CED 6700 Role of the Teacher in Guidance ........... 2
- TED 5250 Teaching the Emerging Adolescent .......... 3
- TED 5250 is offered during the Fall Semester

- TED 3550 Elem Teaching: Research, Theory, and Practice ............ 3
- TED 5150 Analysis of Elementary School Teaching .... 3
- TED 5160 Analysis of Middle & Secondary School Teaching .... 3
- ELE 6070 Family, Community, & School Partnerships .. 3
- Select two (2) Method Courses from two (2) Disciplines .... 6

For more details, please visit: http://ted.coe.wayne.edu/mle/Minor.html

12
Important Information for Education Students

Please Read

► LEVEL 1 ADVISING: To determine your progress in meeting University Requirements, College Requirements, and Admission Requirements for Level 2, please see your College of Education Advisor in Academic Services.

The Division of Academic Services in Room 469, College of Education has walk-in 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 call (313) 577-1601.

► LEVEL 2 ADVISING: After you have been admitted to Level 2, you should meet with your Level 2 Advisor to review your Plan of Work. Advisors for Level 2 are in the Teacher Education Division of the College of Education. You may call (313) 577-0902 to arrange an advising appointment.

► 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 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 Teacher Certification Program 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, then your admission/certification will be delayed.

• Have you ever been convicted of a felony?
• Have you ever been convicted of a misdemeanor?
• Have you ever had a professional license or certification denied, suspended (for cause) or revoked?

A criminal history check, by name, without fingerprints may be accessed for a fee at http://www.michigan.gov/chat.

Any person seeking admission to a teacher certification program who has been convicted of a felony or misdemeanor must provide certified copies of all documents relative to his/her conviction, including a complete transcript of the trial. 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 the American Red Cross, American Heart Association, or a comparable organization or institution approved by the department [Michigan Department of Education]."

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 – Restricted to College of Education Level 2

Among courses enclosed by a border, choose one.

SEMESTER I: Pre-Student Teaching

▶ Students must have completed a minimum of 24 semester hours in the major to take TED 5650 & TED 5160.

☐ TED 5650 Pre-Student Teaching (Secondary).......................... 5
☐ TED 5160 Analysis of Secondary School Teaching (WI)........... 3
▶ TED 5650 & 5160 must be taken concurrently (together).

☐ Methods I: Teaching Methods in the Major.......................... 3
☐ EDP 5480 Adolescent Psychology...................................... 3

SEMESTER II

☐ RLL 4431 Reading: Middle & Secondary Subject Areas........... 3

* ☐ BBE 5000 Multicultural Education in Urban America (CD)..... 2

☐ Methods II: Teaching Methods in the Major.......................... 3

SEMESTER III

☐ EHP 3600 Introduction to the Philosophy of Education........... 3

* ☐ SED 5010 Inclusive Teaching........................................ 2

☐ Methods III: Teaching Methods in the Minor....................... 3

☐ TED 6020 Computer Applications in Teaching I (CP)............. 3

SEMESTER IV: Directed Teaching

▶ Students must pass the Michigan Test for Teacher Certification in both the Major and Minor subject areas prior to student teaching.

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

▶ Students must apply one (1) year in advance for student teaching: Applications for Fall Student Teaching are due November 30 prior to student teaching and applications for Winter Student Teaching are due May 31 prior to student teaching.

▶ Student teaching is a variable credit course. When registering, students must input the correct number of credits as specified on your Plan of Work.

☐ TED 5780 Directed Teaching & Conference............................ 10

Total Credits............................................................ 43

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 Spanish or Italian must take three method courses for the major.

Career and Technical Education (CTE)

☐ CTE 5410 Teaching Methods for the CTE Classroom I........... 3
☐ CTE 6993 Teaching Methods for the CTE Classroom II.......... 3

English Education

☐ EED 5200 Methods of Teaching English: Grades 7-12............. 3
☐ EED 6120 English Composition in Secondary Schools........... 3
☐ EED 6330 Teaching Literature in Secondary Schools........... 3

Foreign Language Education (7-12)

☐ 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 majors in Spanish or Italian (see page 8). All three method courses are required.

☐ 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 Adv Studies in Teaching Science (Middle School)... 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

▶ Speech minors must take COM 6060.

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

Addendum to Secondary Curriculum Guide (HFCC)
Career & Technical Education Programs (Secondary Education)
Students who have completed one of the following programs are eligible for admission into the Teacher Certification program with a completed Teaching Major. An additional academic Teaching Major is also required. It is important to note that two years (4000 hours) of recent and relevant work experience (within the past 5 years) in the specified occupational area must be documented. Only NOTARIZED Verification of Work forms from the employer(s), which provide a detailed description and other evidence of related work experiences within the recent past five (5) years will be accepted.

Hospitality Culinary
Hotel Restaurant & Institution Management
Industrial Drafting & CAD Technology
Criminal Justice - Law Enforcement
Firefighter/Paramedic
Architecture/Construction Technology
Building Construction Trades
Electrical Technology
Heating and Cooling
Manufacturing Trades
Plant Maintenance Trades
Nursing
Administrative & Information Management
Business Administration
Accounting
Special Education Curriculum Guide: Level 1

Effective: June 1, 2006 through May 31, 2007

This guide is for undergraduate Special Education students admitted to WSU within the dates listed below.

- Effective Fall 2005 and thereafter: For entering freshmen and students who transfer fewer than 12 credits.
- Effective Fall 2006 and thereafter: For transfer students who began college work (after graduating from high school) in Fall 2005 or later.
- Effective Fall 2007 and thereafter: For all entering students.

Special Education: Cognitive Impairment

The undergraduate program in Special Education with a major in Cognitive Impairment leads to a Michigan Elementary Provisional Teaching Certificate for teaching all subjects in grades K-5; all subjects in grades K-8 in a self-contained classroom; and for teaching children who are cognitively impaired in grades K-12.

The program for Special Education consists of University General Education Requirements (Competency Requirements, Group Requirements and Exposure Areas), College Requirements (the Special Education Planned minor), a major in Cognitive Impairment, and a sequence of professional education courses, including one semester of pre-student teaching and two semesters of student teaching (one semester in the general education classroom and one semester in the special education classroom). 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 All University & College Requirements

Admission to the College of Education is based on two levels. Students are directly admitted to the College of Education Level 1 from high school or another institution of higher learning by completing an admission application to the University, selection of a College of Education program on the admission application, and acceptance to Wayne State University. Level 1 students are working to fulfill the requirements found on pages 2 through 4 of this guide, which includes General Education Requirements, College Requirements (the Special Education Planned minor), and requirements for admission to Level 2.

College of Education Level 2: The Cognitive Impairment Major & the Professional Education Sequence

Admission to the College of Education Level 2 program requires a separate College application, which is available in Room 469, College of Education or online at http://www.coe.wayne.edu/as/admiss.htm. Students complete the Level 2 application when all Level 2 admission requirements have been fulfilled (see page 4). Admission to Level 2 is not competitive. Students meeting all requirements will be admitted. Students during Level 2 have access to the courses in the major of Cognitive Impairment and to courses in the Professional Education Sequence (see page 6).

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. A grade of "C-" is not acceptable.
- Not more than 64 semester hours from a two-year school or schools will apply toward graduation.

Students majoring in Special Education – Speech and Language Impairment are not to follow this guide. Please consult the appropriate curriculum guide for your major.

Revised: 7/7/2006
<table>
<thead>
<tr>
<th>Written Communication: Four Requirements (BC, IC, EP, &amp; WI)</th>
<th>Course(s)</th>
<th>Completed By</th>
<th>Done</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basic Composition (BC)</td>
<td>Choose one: ENG 1020, ENG 1050, or IPS 1510</td>
<td>30 hours</td>
<td></td>
</tr>
<tr>
<td>Intermediate Composition (IC)</td>
<td>Choose one: AFS 2390, ENG 2050, ENG 2100, ENG 2110, ENG 2210, ENG 2310, ENG 2390, ENG 2570, ENG 3010, ENG 3050, HUM 2000, I H 2010, ISP 3510, or ISP 4981</td>
<td>60 hours</td>
<td></td>
</tr>
<tr>
<td>English Proficiency (EP)</td>
<td>Pass the English Proficiency Examination or, if failed, pass ENG 1080</td>
<td>60 hours</td>
<td></td>
</tr>
<tr>
<td>Writing Intensive in Major (WI)</td>
<td>Completed in Level 2: The Professional Education Sequence (TED 3550)</td>
<td>Completed in Level 2</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Mathematics Competency (MC)</th>
<th>Options (Select One):</th>
<th>Completed By</th>
<th>Done</th>
</tr>
</thead>
<tbody>
<tr>
<td>Advanced Placement Score</td>
<td>Attain a score of 2 or higher (no credit with a score of 2) on the Mathematics/Calculus AB or Mathematics/Calculus BC test</td>
<td></td>
<td></td>
</tr>
<tr>
<td>College-Level Examination Program</td>
<td>Attain a score of 50 or higher on either General Math, College Algebra and Trigonometry, or Calculus examination</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Transfer Course</td>
<td>Transfer credit for the equivalent of MAT 1800 Elementary Functions or higher taken at an accredited college</td>
<td>30 hours</td>
<td></td>
</tr>
<tr>
<td>Math Placement Exam</td>
<td>Achieve a satisfactory score on the Math Placement Exam</td>
<td>30 hours</td>
<td></td>
</tr>
<tr>
<td>WSU Math Course</td>
<td>Satisfactory completion of MAT 1000 or any MAT course at a higher level. <strong>MAT 1000 requires the Math Placement Exam</strong></td>
<td>30 hours</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Oral Communication (OC)</th>
<th>Options (Select One):</th>
<th>Completed By</th>
<th>Done</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oral Communication Competency Exam</td>
<td>Passing score (no credit toward graduation)</td>
<td>30 hours</td>
<td></td>
</tr>
<tr>
<td>Course</td>
<td>Choose one: COM 1010 or ENG 3060 or ISP 1560</td>
<td>30 hours</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Computer Literacy (CL)</th>
<th>Options (Select One):</th>
<th>Completed By</th>
<th>Done</th>
</tr>
</thead>
<tbody>
<tr>
<td>Computer Literacy Competency Exam</td>
<td>Passing score (no credit toward graduation)</td>
<td>30 hours</td>
<td></td>
</tr>
<tr>
<td>Course</td>
<td>Choose one: B E 1200; COM 3210, CSC 1000, CSC 1050, CSC 1100, CSC 1140, CSC 1500, CSC 2110, or any higher level CSC course; IST 2710; MED 5590; MUA 5610; or NUR 1110</td>
<td>30 hours</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Computer Proficiency (CP)</th>
<th>Course in Major:</th>
<th>Completed By</th>
<th>Done</th>
</tr>
</thead>
<tbody>
<tr>
<td>Computer Course in the Major</td>
<td>Completed in the Cognitive Impairment Major: (ECE 6100)</td>
<td>Completed in major</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Critical Thinking (CT)</th>
<th>Options (Select One):</th>
<th>Completed By</th>
<th>Done</th>
</tr>
</thead>
<tbody>
<tr>
<td>Critical Thinking Competency Exam</td>
<td>Passing score (no credit toward graduation)</td>
<td>60 hours</td>
<td></td>
</tr>
<tr>
<td>Course</td>
<td>Choose one: B A 1010, COM 2110, ISP 3260 or PHI 1050</td>
<td>60 hours</td>
<td></td>
</tr>
</tbody>
</table>

For more information about Qualifying, Placement, and Proficiency examinations, contact Testing and Evaluation in the Student Center Building, Room 698, 313-577-3400; http://www.testing.wayne.edu.
University Group Requirements & Exposure Areas

In meeting group requirements and exposure areas, please note that a given Subject Area Code (e.g. ANT, HIS, PS, etc.) may not be used more than twice, that a course must be at least three semester hours to meet the requirement, and that courses may not be taken on a Passed/Not Passed basis.

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. Group requirements for Life Science, Basic Social Science, and American Institutions are not found on this page and are fulfilled by College Requirements listed on page 4.

<table>
<thead>
<tr>
<th>Group Requirement</th>
<th>Course(s)</th>
<th>Code</th>
<th>Done</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical Science</td>
<td>Choose one: AST 2010, CHM 1000, CHM 1020, CHM 1220, CHM 1225, CHM 1410, GEL 1010, HON 4230, IST 2420, PHY 1020, PHY 1040, PHY 1070, PHY 2130, PHY 2170, PHY 2175, or PHY 3100</td>
<td>PS</td>
<td></td>
</tr>
<tr>
<td>Laboratory</td>
<td>Fulfilled by a Life Science course if completed with the appropriate lab (including PSY 1010 if completed at WSU In or after Fall 1987) or a Physical Science course if completed with the appropriate lab.</td>
<td>LB</td>
<td></td>
</tr>
<tr>
<td>Historical Studies</td>
<td>Choose one: ANT 3200, HIS 1000, HIS 1300, HIS 1400, HIS 1600, HIS 1610, HIS 1800, HIS 1810, HIS 1986, HON 4250, I H 3810, ISP 3160, N E 2030, or N E 2040</td>
<td>HS</td>
<td></td>
</tr>
<tr>
<td>Philosophy &amp; Letters</td>
<td>Choose one: CLA 1010, CLA 2100, CLA 2200, COM 2160, ENG 2200, ENG 2500, ENG 2720, ENG 3110, ENG 3120, ENG 3140, FRE 2700, GER 2310, GER 2700, GER 2881, HON 2100, HON 4200, HUM 2100, HUM 2200, I H 2710, I H 3710, ITA 2700, LIN 2720, PHI 1010, PHI 1020, PHI 1030, PHI 1040, PHI 1100, PHI 2100, PHI 2110, PHI 2320, PHI 3500, PHI 3550, PHI 3700, P S 3510, P S 3520, RUS 2700, RUS 3600, RUS 3650, SLA 2310, or SPA 2700</td>
<td>PL</td>
<td></td>
</tr>
<tr>
<td>Foreign Culture: Your degree in the College of Education (BS or BA) is determined by how you fulfill the Foreign Culture Requirement: A BS in Education Degree requires completing a Foreign Culture course taught in English about another culture. A BA in Education Degree requires completing a Foreign Language to the Intermediate Level.</td>
<td>Approved Foreign Culture Courses for the BS Degree in Education: Choose one: AFS 3250, AFS 3610, ANT 3150, ANT 3520, ANT 3540, ANT 3550, ARM 3410, ARM 4750, CBS 2410, CBS 2420, DNC 2400, ENG 2670, FRE 2710, FRE 2720, GER 2710, GER 2720, GER 3410, GPH 2700, GRK 3710, HIS 2440, HON 4260, ISP 3600, ISP 3610, ISP 3620, ITA 2710, ITA 2720, JPN 4550, JPN 4560, N E 2000, N E 3550, NUR 4800, POL 2710, POL 3410, P S 2700, RUS 2710, RUS 3410, SLA 3410, or UKR 3410</td>
<td>FC</td>
<td></td>
</tr>
<tr>
<td>Exposure Area *</td>
<td>Approved Foreign Language Sequence for the BA Degree in Education: Complete one foreign language sequence through the third semester (Intermediate Level: 2010 or 2110)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cultural Diversity</td>
<td>Completed in Level 2: The Professional Education Sequence (BEE 5000)</td>
<td>CD</td>
<td></td>
</tr>
<tr>
<td>Ethical Issues in Society</td>
<td>Choose one: COM 5030, IIST 2030, M S 3300, NUR 2000, PHI 1100 (PL), PHI 1110, PHI 2320 (PL), PHI 2330, PHI 5280, PHI 5300, PPR 6160, or P S 2420</td>
<td>EI</td>
<td></td>
</tr>
<tr>
<td>Science, Technology, &amp; Society</td>
<td>Completed in the Cognitive Impairment Major: (ECE 6100)</td>
<td>ST</td>
<td></td>
</tr>
</tbody>
</table>

* The above listing does not include all of the approved Exposure Area courses. Please consult the online Bulletin for a complete list of approved Exposure Area courses: http://www.bulletins.wayne.edu. Some courses may meet other General Education Requirements—see General Education code in parentheses following the course.
College Requirement: The Special Education Planned Minor

Among courses enclosed by a border, choose one.

- ELE 3200 Literature for Children.......................... 3
- MAT 1110 Mathematics for Elementary Teachers I...... 3
  ▶ Prerequisite (within two semesters): Mathematics Placement Exam or MAT 0995 at WSU
- GPH 1100 World Regional Patterns (SS) (CD)........... 4
- SOC 2000 Understanding Human Society (SS)........... 3
- PS 1010 American Government (AI)....................... 4
- HSA 2330 First Aid & CPR................................ 3
- BIO 1510 Basic Life Mechanisms (LS).................... 4
  ▶ Prerequisite high school Biology or BIO 1050.
- PSY 1010 Introductory Psychology (LS).................. 4
- PSY 2300 Psychology of Everyday Living................ 4
- BIO 2870 Anatomy and Physiology....................... 5
- PSY 2400 Developmental Psychology.................... 4

If you choose PSY 2400 Developmental Psychology (see above), choose one of the following courses:
- PSY 3060 Psychology of Learning & Memory............. 3
- PSY 3080 Cognitive Psychology.......................... 3
- PSY 3120 Brain & Behavior................................ 3

All Special Education students are required to complete the Special Education Planned Minor.

* See advisor for study abroad option and visit the following website for more information:
  http://www.coe.wayne.edu:16080/studysabroad

Requirements for Admission to College of Education Level 2

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Done</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Completion of at least 53 semester hours</td>
<td></td>
</tr>
<tr>
<td>2 Completion of all General Education Competencies (except Writing Intensive) and Group Requirements</td>
<td></td>
</tr>
<tr>
<td>3 Completion of all courses in the Planned Special Education Minor</td>
<td></td>
</tr>
<tr>
<td>4 A minimum cumulative Grade Point Average of 2.50</td>
<td></td>
</tr>
<tr>
<td>5 Completion of English Proficiency</td>
<td></td>
</tr>
<tr>
<td>6 Completion of Math Competency</td>
<td></td>
</tr>
<tr>
<td>7 A passing score on each of the three sections of the State Basic Skills Exam (<a href="http://www.mttc.nesinc.com">http://www.mttc.nesinc.com</a>)</td>
<td></td>
</tr>
<tr>
<td>8 A copy of a negative Tuberculosis (TB) test (within the last 3 years)</td>
<td></td>
</tr>
<tr>
<td>9 Verification of 40 hours of successful group work with children. 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 Level 2.</td>
<td></td>
</tr>
<tr>
<td>10 A current (within the last 6 months) statewide Criminal History Check (<a href="http://www.michigan.gov/ichat">http://www.michigan.gov/ichat</a>)</td>
<td></td>
</tr>
<tr>
<td>11 A completed Level 2 Application (applications are available in Room 469, College of Education or online at <a href="http://www.coe.wayne.edu/as/admiss.htm">http://www.coe.wayne.edu/as/admiss.htm</a>)</td>
<td></td>
</tr>
<tr>
<td>12 Up-to-date transcripts from each undergraduate school attended.</td>
<td></td>
</tr>
<tr>
<td>13 Students with complete applications will be invited to attend a mandatory College of Education Orientation, which is the final requirement for admission to Level 2.</td>
<td></td>
</tr>
</tbody>
</table>
Important Information for Education Students

Please Read

► LEVEL 1 ADVISING: To determine your progress in meeting University Requirements, College Requirements, and Admission Requirements for Level 2, please see your College of Education Advisor in Academic Services.

The Division of Academic Services in Room 469, College of Education has walk-in 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 call (313) 577-1601.

► LEVEL 2 ADVISING: After you have been admitted to Level 2, you should meet with your Level 2 Advisor to review your Plan of Work. Advisors for Level 2 are in the Teacher Education Division of the College of Education. You may call (313) 577-0802 to arrange an advising appointment.

► PUBLIC ACT 96 of 1996: 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 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 Teacher Certification Program 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, then your admission/certification will be delayed.

• Have you ever been convicted of a felony?
• Have you ever been convicted of a misdemeanor?
• Have you ever had a professional license or certification denied, suspended (for cause) or revoked?

A criminal history check, by name, without fingerprints may be accessed for a fee at http://www.michigan.gov/criminalchat.

Any person seeking admission to a teacher certification program who has been convicted of a felony or misdemeanor must provide certified copies of all documents relative to his/her conviction, including a complete transcript of the trial. 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 the American Red Cross, American Heart Association, or a comparable organization or institution approved by the department [Michigan Department of Education].”

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.
Cognitive Impairment Major – Most Courses Restricted to College of Education Level 2

- SED 5030 Education of Exceptional Children
  - Note: SED 5030 is a prerequisite to all other SED courses
- SED 5040 Speech Improvement in the Classroom
- SED 5060 Developing Observation & Assessment Skills: Laboratory/Seminar
- SED 5090 Special Education & Transition Services for Students with Disabilities
- SED 5110 Mental Impairments & the Cognitive Process
- SED 5130 Curriculum Development: Mental Impairments
- SED 5140 Behavior Management: Positive Behavior Support
- SED 5260 Effective Instructional Strategies for Exceptional Learners
- SED 5600 Collaborative Support for Inclusive Education of Students with Special Needs
- ECE 6100 Enabling Technology (CP)
- SED 6010 Seminar in Special Education Teaching (to be taken with TED 5790)

Total Credits: 32

Courses designated with a star may be taken prior to admission to Level 2.

Professional Education Sequence – Restricted to College of Education Level 2

<table>
<thead>
<tr>
<th>Pre-Student Teaching</th>
<th>Student Teaching</th>
</tr>
</thead>
<tbody>
<tr>
<td>TED 3550: Teaching: Research, Theory, &amp; Practice (WI)</td>
<td>Students must pass the Michigan Test for Teacher Certification in the appropriate levels and subject areas prior to student teaching.</td>
</tr>
<tr>
<td>ELE 3320: Teaching Reading I: Emergent Literacy</td>
<td>Students must apply one (1) year in advance for student teaching. Applications for Fall Student Teaching are due November 30 prior to student teaching and applications for Winter Student Teaching are due May 31 prior to student teaching.</td>
</tr>
<tr>
<td>TED 3550 &amp; ELE 3320 must be taken concurrently (together)</td>
<td>Student teaching is a variable credit course. When registering, students must input the correct number of credits as specified on your Plan of Work.</td>
</tr>
</tbody>
</table>

The following courses may be taken at any time prior to TED 5780 & TED 5790 Directed/Student Teaching:

- RLL 4430: Teaching Reading II: Comprehension
- EDP 3310: Educational Psychology
- ELE 3300: Teaching Language Arts: Preprimary-9
- ELE 3400: Teaching Mathematics: Preprimary-9
- ELE 3500: Teaching Science: Preprimary-9
- ELE 3600: Teaching Social Studies: Preprimary-9

The following courses may be taken at any time:

- BBE 5000 Multicultural Education in Urban America (CD)
- ELE 6070 Family, Community, & School Partnerships

Total Credits: 44

ARTICULATION AGREEMENT
HENRY FORD COMMUNITY COLLEGE
ASSOCIATE IN ARTS DEGREE
WITH PRE-ELEMENTARY EDUCATION CONCENTRATION
WAYNE STATE UNIVERSITY: MAJOR: ELEMENTARY EDUCATION
DEGREE: B.S. OR B.A.

REQUIRED CORE COURSES

- CIS 221 - Instructional Technology for Elementary Teachers 3
- ENG 246 - Introduction to Children’s Literature 3
- MATH 121 - Mathematics for Elementary Teachers I 3
- MATH 221 - Mathematics for Elementary Teachers II 3
- PSY 131 - Introductory Psychology 3
- PSY 256 - Educational Psychology 3
- PSY 294 - Educational Psychology Practicum 1
Science: Choose from: ASTR 131 and 133, CHEM 131, 141, GEOL 131, PHYS 131, 133, 231, PSCI 131 4

MINIMUM CREDIT HOURS 23

REQUIRED SUPPORT COURSES

- Humanities:
  Choose one from: ART 121, 122, 123, 135, DNC 135, 200, HUM 101, MUS 130, 132, 133, 232, 233, STH 131, TCM 132 3

MINIMUM CREDIT HOURS 6

REQUIRED GENERAL EDUCATION

- POLS 131 - Introduction to American Government and Political Science 3
- ENG 131 - Composition 3
- ENG 132 - Composition II 3
Wellness: Choose one from: HPE 140, 142, 260 2-3

MINIMUM CREDIT HOURS 11-12

ELECTIVE COURSES

Select electives understanding that a maximum of 64 semester hours will transfer.
- MATH 225 (Strongly encourage to complete at HFCC) 3
- HIST 151 or 152 3
- BIO 131, 137, 139, 141, 143, 150, or 152 4
- GEOG 132 3
- SCI 213 4

Wayne State University Group & Competency Requirements not already met
- Foreign Culture (select one): FRE, GER, or SPN 231, for a B.A. Degree or ANTH 152 for a B.S. Degree 3-4
- Critical Thinking (select one): PHIL 131 or SPC 151 3
- Historical Studies (select one): HIST 111, 112, 113, 125, or 225 3
- Mathematics (select one): MATH 175 or MATH 180 5
- Oral Communication: SPC 131 3

MINIMUM CREDIT HOURS 19-20
TOTAL PROGRAM HOURS 60

*May be completed by designated courses or proficiency examinations at Wayne State University.
NOTE: Course work with a ‘C’ or better will apply to the major or minor. Grades of ‘D’ are transferable to meet general education requirements at Wayne State University.

wsu\PreElem Feb 2006 (7/27/06) July 2006
ARTICULATION AGREEMENT
HENRY FORD COMMUNITY COLLEGE
ASSOCIATE IN ARTS DEGREE
WITH PRE-SECONDARY EDUCATION CONCENTRATION
WAYNE STATE UNIVERSITY: MAJOR: SECONDARY EDUCATION
DEGREE: B.S. OR B.A.

REQUIRED CORE COURSES

PSY 131 - Introductory Psychology 3
History: Choose one from: Hist 111, 112, 113, 125, 225
Science: One science course must include a lab.
   Choose one from: BIO 131, 137, 139, 152
   Choose one from: ASTR 131 and 133, CHEM 131, 141, GEOL 131
   PHYS 131, 133, 231, PSCI 131
   8
MINIMUM CREDIT HOURS 14

REQUIRED GENERAL EDUCATION

POLS 131 - Introduction to American Government and Political Science 3
CIS 223 - Instructional Technology for Secondary Teachers 3
ENG 131 - Composition 3
ENG 132 - Composition II 3
Wellness: Choose one from : HPE 140, 142, 260
Humanities: Choose one from each group.
   Group A: ART 121, 122, 123, 135, DNC 135, 200, HUM 101,
      MUS 130, 132, 133, 232, 233, STH 131, TCM 132
   Group B: ENG 231, 233, 234, 235, 237, 239, 241, 243, 245, 247, 248,
      PHIL 133, 135, 139, WR 130, 131, 132, 232
   Group C: FRE 231, GER 231, PHIL 131, SPC 131, SPC 151, SPN 231
   2-4
MINIMUM CREDIT HOURS 23-25

ELECTIVE COURSES\footnote{Remaining elective hours may be selected from teaching major and/or minor courses. Wayne State University requires that 12 credits in the major be completed before admittance to the College of Education. Select electives understanding that a maximum of 64 semester hours will apply toward a bachelors degree.}

PSY 256 and 294 4
Social Studies: Choose one from: ANTH 131, BEC 133, 151, 152;
   GEOG 132, SOC 131, 151 3

Wayne State University Group & Competency Requirements not already met
\footnote{May be completed by designated courses or proficiency examinations at Wayne State University.}
\footnote{This requirement may have been satisfied in selecting a humanities course from Group C under the Required General Education Section.}

2-3 Foreign Culture (select one): FRE, GER, or SPN 231, for a B.A. Degree or
   ANTH 152 for a B.S. Degree 3-4
2-3 Critical Thinking (select one): PHIL 131 of SPC 151 3
2 Mathematics (select one): MATH 175 or MATH 180 5
2-3 Oral Communication: SPC 131 3

MINIMUM CREDIT HOURS 21-23
TOTAL PROGRAM HOURS 60

\footnote{Course work with a “C” or better will apply to the major or minor. Grades of “D” are transferable to meet general education requirements at Wayne State University}

\(7/27/2006\)
ARTICULATION AGREEMENT
HENRY FORD COMMUNITY COLLEGE
ASSOCIATES IN ARTS DEGREE
WITH PRE-SPECIAL EDUCATION CONCENTRATION
WAYNE STATE UNIVERSITY: MAJOR: SPECIAL EDUCATION
DEGREE: B.S. OR B.A.

REQUIRED CORE COURSES
ENG 246 - Introduction to Children's Literature

3

Credit Hours

Humanities:
Choose one from: ART 121, 122, 123, 135, DNC 135, 200, HUM 101,
MUS 130, 132, 133, 232, 233, STH 131, TCM 132

6

Choose one from: ENG 231, 233, 234, 235, 237, 239, 241, 243, 245, 247, 248,
PHIL 133, 135, 139, WR 130, 131, 132, 232

Math 121 - Mathematics for Elementary Teachers I

3

Science:
Choose one from: BIO 131, 152

4

Choose one from: ASTR 131 and 133, ASTR 131, CHEM 131, 141, GEOL 131,
PHYS 131, 133, 231, PSCI 131

PSY 131 - Introductory Psychology

3 - 4

PSY 256 and 294 - Educational Psychology

3

MINIMUM CREDIT HOURS

26 - 27

REQUIRED GENERAL EDUCATION
POLS 131 - Introduction to American Government and Political Science

3

Computer Literacy:
Choose one from: CIS 221, 223

3

ENG 131 - Composition

3

ENG 132 - Composition II

3

Wellness:
Choose one from HPE 140, 142, 260

3 - 3

MINIMUM CREDIT HOURS

14 - 15

ELECTIVE COURSES
Select electives understanding that a maximum of 64 semester hours will transfer.
Remaining elective hours may be selected from teaching major and/or minor courses.
Choose one of the following options:
  • BIO 134 or
  • BIO 233 and 234 or
  • PSY 253 and elect at WSU PSY 3060 or 3080 or 3120

3-8

PSY 151 - Psychology of Adjustment: Mental Hygiene

3

Social Science: Choose one from: GEOG 132, SOC 131

3

Wayne State University Group & Competency Requirements not already met

*Foreign Culture (select one): FRE, GER, or SP 231, for a B.A. Degree or
  ANTH 152 for a B.S. Degree

3-4

Historical Studies (select one): HIST 111, 112, 113, 125, or 225

3

*Critical Thinking (select one): PHIL 131 or SPC 151

3

*Mathematics (select one): MATH 175 or MATH 180

5

*Oral Communication: SPC 131

3

MINIMUM CREDIT HOURS

22

TOTAL PROGRAM HOURS

60

*May be completed by designated courses or proficiency examinations at Wayne State University.

NOTE: Course work with a "C" or better will apply to the major or minor. Grades of "D" are transferable to
meet general education requirements at Wayne State University.

WSU/PreSpecEd Feb. 2006 7/27/06

July 2006