MIDDLE GRADES EDUCATION, BS

for the degree of Bachelor of Science in Middle Grades Education

department office: Curriculum & Instruction
311 Education Building
1310 South Sixth
Champaign, IL 61820

phone: (217) 244-8286

department website: https://education.illinois.edu/ci
department faculty: Curriculum & Instruction Faculty
overview of college admissions & requirements: College of Education
college website: https://education.illinois.edu/

This program prepares teachers for grades five through eight. A minimum of 120 semester hours is necessary for graduation.

Students pursuing teacher licensure programs in the College of Education (COE) must meet requirements in a series of sequential gateways. Included in the gateway requirements are successful completion of specified coursework, achievement of appropriate grade point averages, requirements for clinical experiences, and appropriate tests for the licensure area. Meeting all Gateway requirements leads to degree and licensure completion.

Students are admitted to Middle Grades Education as freshmen. In order to be recommended for licensure, candidates are required to maintain University of Illinois at Urbana-Champaign, cumulative, content area, and professional grade point averages of 2.5 (A=4.0). Candidates should consult their adviser or the Council on Teacher Education for the list of courses used to compute these grade point averages. Candidates in teaching licensure programs must maintain a C or better in ALL content and professional education coursework. For teacher education licensure applicable to all curricula, see the Council on Teacher Education.

Licensure requirements are subject to change without notice as a result of new mandates from the Illinois State Board of Education or the Illinois General Assembly.

Students in the Middle Grades Education licensure program must complete the Campus General Education Requirements, the courses for one or more concentration (literacy, social sciences, science or math) and the professional education coursework.

The following degree requirements also meet general education course requirements and must be selected from the campus general education course list. Some professional education courses and concentration courses can count towards the general education requirements.

A minimum of 120 semester hours is necessary for graduation.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Composition I</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td>4</td>
</tr>
<tr>
<td>Code</td>
<td>Title</td>
<td>Hours</td>
</tr>
<tr>
<td>-------</td>
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<td>-------</td>
</tr>
<tr>
<td></td>
<td>Advanced Composition</td>
<td>3-4</td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td>3-4</td>
</tr>
<tr>
<td>Code</td>
<td>Title</td>
<td>Hours</td>
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<tr>
<td>-------</td>
<td>-----------------------------------</td>
<td>-------</td>
</tr>
<tr>
<td></td>
<td>Natural Sciences &amp; Technology 2</td>
<td>6-8</td>
</tr>
<tr>
<td></td>
<td>Life science</td>
<td>3-4</td>
</tr>
<tr>
<td></td>
<td>Physical science</td>
<td>3-4</td>
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<tr>
<td></td>
<td>Total</td>
<td>6-8</td>
</tr>
<tr>
<td>Code</td>
<td>Title</td>
<td>Hours</td>
</tr>
<tr>
<td>-------</td>
<td>-----------------------------------</td>
<td>-------</td>
</tr>
<tr>
<td></td>
<td>Social &amp; Behavioral Sciences 3</td>
<td>6-8</td>
</tr>
<tr>
<td></td>
<td>Social &amp; Behavioral Sciences</td>
<td>6-8</td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td>6-8</td>
</tr>
<tr>
<td>Code</td>
<td>Title</td>
<td>Hours</td>
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<tr>
<td>-------</td>
<td>-----------------------------------</td>
<td>-------</td>
</tr>
<tr>
<td></td>
<td>Quantitative Reasoning</td>
<td>6-8</td>
</tr>
<tr>
<td></td>
<td>Quantitative Reasoning I</td>
<td>3-4</td>
</tr>
<tr>
<td></td>
<td>Quantitative Reasoning II</td>
<td>3-4</td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td>6-8</td>
</tr>
<tr>
<td>Code</td>
<td>Title</td>
<td>Hours</td>
</tr>
<tr>
<td>-------</td>
<td>-----------------------------------</td>
<td>-------</td>
</tr>
<tr>
<td></td>
<td>Humanities &amp; the Arts</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td>6</td>
</tr>
<tr>
<td>Code</td>
<td>Title</td>
<td>Hours</td>
</tr>
<tr>
<td>-------</td>
<td>-----------------------------------</td>
<td>-------</td>
</tr>
<tr>
<td></td>
<td>Total Hours of General Education Courses</td>
<td>37-46</td>
</tr>
<tr>
<td>Code</td>
<td>Title</td>
<td>Hours</td>
</tr>
<tr>
<td>-------</td>
<td>-----------------------------------</td>
<td>-------</td>
</tr>
<tr>
<td></td>
<td>Language Other Than English</td>
<td>0-12</td>
</tr>
<tr>
<td></td>
<td>Three years of one language other than English in high school or completion of the third semester of college level language.</td>
<td>0-12</td>
</tr>
</tbody>
</table>

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### Electives

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Elective Hours (as needed to complete the 120 graduation requirement)</td>
<td>0-10</td>
</tr>
</tbody>
</table>

### Concentrations

Students must complete 24-27 credit hours within one of the following concentrations: 1) Social Science, 2) Science, 3) Mathematics, or 4) Literacy. Subsequent tables outline the required courses to complete requirements in specific concentrations.

### Professional Education

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CI 404</td>
<td>Teaching and Assessing Secondary School Students</td>
<td>3</td>
</tr>
<tr>
<td>CI 410</td>
<td>Middle School Instruction, Philosophy and Structures</td>
<td>3</td>
</tr>
<tr>
<td>CI 415</td>
<td>Language Varieties, Cultures and Learning</td>
<td>3</td>
</tr>
<tr>
<td>CI 467</td>
<td>Principles in Teaching Literature to Children and Youth</td>
<td>3</td>
</tr>
<tr>
<td>CI 471</td>
<td>Principles and Practices to Foster Independence in Reading</td>
<td>3</td>
</tr>
<tr>
<td>CI 476</td>
<td>Teaching Elementary and Middle Grade Language Arts</td>
<td>3</td>
</tr>
<tr>
<td>EDPR 250</td>
<td>School &amp; Community Experiences (Section MG)</td>
<td>4</td>
</tr>
<tr>
<td>EDPR 442</td>
<td>Educational Practice in Secondary Education (Section MG)</td>
<td>12</td>
</tr>
<tr>
<td>EDUC 201 &amp; EDUC 202</td>
<td>Identity and Difference in Education and Social Justice, School and Society (or program approved equivalent courses)</td>
<td>6</td>
</tr>
<tr>
<td>EPSY 201</td>
<td>Educational Psychology</td>
<td>3</td>
</tr>
<tr>
<td>EPSY 430</td>
<td>Early Adolescent Development</td>
<td>3</td>
</tr>
<tr>
<td>SPED 405</td>
<td>General Educator’s Role in Special Education</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Hours: 49

### Code | Title                                      | Hours
---|--------------------------------------------|-------
**Total minimum hours for degree** | 120

1. Six hours of ROTC upper level courses (300 level or above) can count toward the degree as free electives.
2. If seeking the Science concentration, exclusions apply including, but not limited to: Horticulture, Dance and Urban Planning. Must be a science rubric. Consult with adviser for further information.
3. PSYC 100 is a prerequisite for EPSY 201.
4. The total hours required for the degree may be higher for students who have not already completed the language other than English requirement.

### Concentration Requirements

Some concentration courses can count towards the general education requirements. Courses in concentrations may not be allowed to count for more than two degree requirements. If you have questions, see your adviser.

### Science Concentration

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CI 402</td>
<td>Teaching Diverse Middle Grade Students (Science Section)</td>
<td>3</td>
</tr>
</tbody>
</table>

Physical Science: Select a minimum of one course from CHEM and one from PHYS

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 101</td>
<td>Introductory Chemistry or CHEM General Chemistry I</td>
<td>102/103</td>
</tr>
<tr>
<td>CHEM 108</td>
<td>Chemistry, Everyday Phenomena</td>
<td>6</td>
</tr>
<tr>
<td>CHEM 123</td>
<td>Teaching Elementary &amp; Middle School Chemistry</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 101</td>
<td>College Physics: Mech &amp; Heat</td>
<td>6</td>
</tr>
<tr>
<td>PHYS 102</td>
<td>College Physics: E&amp;M &amp; Modern</td>
<td>6</td>
</tr>
<tr>
<td>PHYS 123</td>
<td>Physics Made Easy</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 140</td>
<td>How Things Work</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 211</td>
<td>University Physics: Mechanics</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 212</td>
<td>University Physics: Elec &amp; Mag</td>
<td>3</td>
</tr>
</tbody>
</table>

Life Science: Complete 6 hours with a minimum of 3 hours from the foundations list.

**Foundations:**

- IB 100: Biology in Today's World
- IB 103: Introduction to Plant Biology
- IB 104: Animal Biology
- IB 150: Organismal & Evolutionary Biol
- MCB 100: Introductory Microbiology
- MCB 150: Molec & Cellular Basis of Life

**Applications:**

- IB 105: Environmental Biology
- MCB 170: Society and the Brain
- MCB 180: Human Reproduction & Society

Earth and Space Science: Select one from the following

**Atmospheric Sciences rubric and one from the following Geology rubric:**

- ATMS 100: Introduction to Meteorology
- ATMS 120: Severe and Hazardous Weather
- ATMS 201: General Physical Meteorology
- GEOL 107: Physical Geology
- GEOL 117: The Oceans
- GEOL 118: Natural Disasters

Science Electives: To complete any remaining required hours, select additional courses from the courses listed above. 0.3

Total: 24

### Social Science Concentration

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CI 402</td>
<td>Teaching Diverse Middle Grade Students (Social Sciences Section)</td>
<td>3</td>
</tr>
</tbody>
</table>

American History: Select one from the following:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 170</td>
<td>US History to 1877-ACP</td>
<td>3-4</td>
</tr>
<tr>
<td>HIST 171</td>
<td>US History to 1877</td>
<td>3</td>
</tr>
<tr>
<td>HIST 172</td>
<td>US History Since 1877</td>
<td>3</td>
</tr>
<tr>
<td>HIST 173</td>
<td>US History Since 1877-ACP</td>
<td>3</td>
</tr>
<tr>
<td>HIST 270</td>
<td>United States History to 1815</td>
<td>3</td>
</tr>
</tbody>
</table>

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<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Mathematics Concentration</strong></td>
<td></td>
</tr>
<tr>
<td>CI 401</td>
<td>Introductory Teaching in a Diverse Society (Math Section)</td>
<td>3</td>
</tr>
<tr>
<td>CI 402</td>
<td>Teaching Diverse Middle Grade Students (Math Section)</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>Note:</strong> Only CI 402, M (3 hours) counts toward ISBE content</td>
<td></td>
</tr>
<tr>
<td>MATH 117</td>
<td>Elementary Mathematics</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td><strong>Theory of Numbers:</strong> Select one from the following:</td>
<td>3-4</td>
</tr>
<tr>
<td>MATH 103</td>
<td>Theory of Arithmetic</td>
<td></td>
</tr>
<tr>
<td>MATH 453</td>
<td>Elementary Theory of Numbers</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Geometry:</strong> Select one from the following:</td>
<td>3-4</td>
</tr>
<tr>
<td>MATH 119</td>
<td>Ideas in Geometry</td>
<td></td>
</tr>
<tr>
<td>MATH 402</td>
<td>Non Euclidean Geometry</td>
<td></td>
</tr>
<tr>
<td>MATH 403</td>
<td>Euclidean Geometry</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Statistics:</strong> Select one from the following:</td>
<td>3-4</td>
</tr>
<tr>
<td>STAT 100</td>
<td>Statistics</td>
<td></td>
</tr>
<tr>
<td>STAT 200</td>
<td>Statistical Analysis</td>
<td></td>
</tr>
<tr>
<td>STAT 400</td>
<td>Statistics and Probability I</td>
<td></td>
</tr>
<tr>
<td>STAT 410</td>
<td>Statistics and Probability II</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Calculus:</strong> Select one from the following:</td>
<td>4-5</td>
</tr>
<tr>
<td>MATH 220</td>
<td>Calculus</td>
<td></td>
</tr>
<tr>
<td>MATH 221</td>
<td>Calculus I</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Math Applications:</strong> Select one from the following:</td>
<td>3-4</td>
</tr>
<tr>
<td>CS 101</td>
<td>Intro Computing: Engrg &amp; Sci</td>
<td></td>
</tr>
<tr>
<td>CS 105</td>
<td>Intro Computing: Non-Tech</td>
<td></td>
</tr>
<tr>
<td>CS 125</td>
<td>Intro to Computer Science</td>
<td></td>
</tr>
<tr>
<td>MATH 125</td>
<td>Elementary Linear Algebra</td>
<td></td>
</tr>
<tr>
<td>MATH 181</td>
<td>A Mathematical World</td>
<td></td>
</tr>
<tr>
<td>MATH 213</td>
<td>Basic Discrete Mathematics</td>
<td></td>
</tr>
<tr>
<td>MATH 231</td>
<td>Calculus II</td>
<td></td>
</tr>
<tr>
<td>MATH 241</td>
<td>Calculus III</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Literacy Concentration</strong></td>
<td></td>
</tr>
<tr>
<td>CI 467</td>
<td>Principles in Teaching Literature to Children and Youth</td>
<td>3</td>
</tr>
<tr>
<td>CI 471</td>
<td>Principles and Practices to Foster Independence in Reading</td>
<td>3</td>
</tr>
<tr>
<td>CI 476</td>
<td>Teaching Elementary and Middle Grade Language Arts</td>
<td>3</td>
</tr>
</tbody>
</table>

**Total:** At least one course in the math content categories must be taken for more than the minimum hours to reach the ISBE requirement of 24 content hours.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Composition I</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Minimum 3 hours</td>
<td></td>
</tr>
</tbody>
</table>

**Advanced course:** Select one from the following:

- BTW 261 Principles Tech Comm
- ENGL 481 Composition Theory and Practice
- ENGL 482 Writing Technologies
- RHET 233 Adv Rhetoric & Composition
- WRIT 303 Writing Across Media

**Literature:** Select one literature course at the 100 level and a second literature course at the 200 level. Must be an English or Comparative & World Literature rubric.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CI 467</td>
<td>Principles in Teaching Literature to Children and Youth</td>
<td>3</td>
</tr>
<tr>
<td>CI 471</td>
<td>Principles and Practices to Foster Independence in Reading</td>
<td>3</td>
</tr>
<tr>
<td>CI 476</td>
<td>Teaching Elementary and Middle Grade Language Arts</td>
<td>3</td>
</tr>
</tbody>
</table>

**Total:** 24