# ADVISING WORKSHEET
## SECONDARY EDUCATION
General Bulletin 2009-2011

**Montana State University Billings**  
**Advising Center**  
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Student ID # ____________________________

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## ACADEMIC FOUNDATIONS/GENERAL EDUCATION REQUIREMENTS – SEE BACK PAGE FOR SPECIFIC COURSES

<table>
<thead>
<tr>
<th>Academic Foundations Category</th>
<th>Course #</th>
<th>Credits</th>
<th>Grade</th>
<th>Semester</th>
<th>Equivalent</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Category I: Global Academic Skills (12 credits)</strong></td>
<td>#</td>
<td></td>
<td></td>
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<tr>
<td>A. Mathematics (3 credits)</td>
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<tr>
<td>B. English (6 credits)</td>
<td># WRIT 101</td>
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<tr>
<td>C. Information Literacy (3 credits)</td>
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</tbody>
</table>

| Category II: Natural Sciences (7 credits) | # | | | | |
| 2 lectures (6 credits) & 1 lab (1 credit) | | | | | |
| (1 life science & 1 physical science & 1 lab) | | | | | |

| Category III: Social Sciences (6 credits) | EDU 105 | | | | |
| Courses must be from separate prefixes | | | | | |

**EDU 105 – Education Core Requirement**

| Category IV: History & Cultural Diversity (6 credits) | # | | | | |
| A. History (3 credits) | # HSTA 101 or 102 | | | | |
| B. Cultural Diversity (3 credits) | # NAMS 181 or 211 | | | | |

| Category V: Arts & Humanities (6 credits) | | | | | |
| A. Arts (3 credits) | | | | | |
| B. Humanities (3 credits) | | | | | |

A minimum grade of “C” required in all Academic Foundations/General Education courses.

Students should consult with their advisors to determine if specific courses are necessary in order to satisfy the Academic Foundations/General Education requirements within this program.

Certain courses in this program have prerequisites; students should check the course descriptions for required prerequisites.

# COMT 130 (I.C.) or COMT 110 (III.)  
Reviewed: ____________________________________

# Required for Admission to the Teacher Education Program  
Reviewed: ____________________________________

Revised 6/8/2010
### ACADEMIC FOUNDATIONS/GENERAL EDUCATION REQUIREMENTS

**CATEGORY I: GLOBAL ACADEMIC SKILLS 12 credits**

**Subcategory A - Mathematics 3 credits**
- M 105 Contemporary Mathematics 3
- M 114 Extended Technical Mathematics 3
- M 121 College Algebra 3
- M 131 Mathematics for Elementary Teachers II 3
- M 143 Finite Mathematics 4
- M 151 Precalculus 5
- M 171 Calculus I 4
- STAT 141 Introduction to Statistical Concepts 3
- STAT 216 Introduction to Statistics 4

**Subcategory B - English 6 credits**
- WRIT 101 College Writing I 3
- WRIT 201 College Writing II 3
- WRIT 220 Business & Professional Writing 3
- WRIT 121 Introduction to Technical Writing 3
- WRIT 122 Introduction to Business Writing 3

**Subcategory C - Information Literacy 3 credits**
- COMT 130 Introduction to Public Speaking 3
- LS 125 Research in the Information Age 3
- MIS 150 Information Access and Organization 3

### CATEGORY II: NATURAL SCIENCES 6 cr. lecture & 1 cr. lab

Students are required to take one course from each subcategory and at least one corresponding lab or SCIN 101, 102, 103 & 104

**Subcategory A – Life Sciences**
- BIOB 101 Discover Biology 3
- BIOB 102 Discover Biology Lab 1
- BIOB 160 Principles of Living Systems 3
- BIOB 161 Principles of Living Systems Lab 1

**Subcategory B – Physical Sciences**
- ASTR 110 Introduction to Astronomy 3
- ASTR 111 Introduction to Astronomy Lab 1
- CHMY 121 Introduction to General Chemistry 3
- CHMY 122 Introduction to General Chemistry Lab 1
- CHMY 141 College Chemistry I 3
- CHMY 142 College Chemistry Laboratory I 1
- GEO 101 Introduction to Physical Geology 3
- GEO 102 Introduction to Physical Geology Laboratory 1
- GPHY 111 Introduction to Physical Geography 3
- PHSX 103 Our Physical World 3
- PHSX 104 Our Physical World Lab 1
- PHSX 205 College Physics I 3
- PHSX 206 College Physics I Lab 1
- PHSX 105 Fundamentals of Phys Sci 3
- PHSX 106 Fundamentals of Phys Sci Lab 1

**Subcategories A and B – Integrated Sciences**
- SCIN 101, 102, 103 & 104 Integrated Sciences 3, ½, 3, ½

### CATEGORY III: SOCIAL SCIENCES 6 credits

Two courses from separate prefixes
- BUS 101 Introduction to Business 3
- COMT 109 Human Relations 3
- ECNS 201 Principles of Microeconomics 3
- ECNS 202 Principles of Macroeconomics 3
- EDU 105 Education and Democracy 3
- GPHY 141 Geography of World Regions 3
- HHP 101 Health Sciences 3
- PSCI 220 Introduction to Comparative Government 3
- PSCI 210 Introduction to American Government 3
- PSYX 100 Introduction to Psychology 3
- PSYX 231 Human Relations 3
- SOCI 101 Introduction to Sociology 3
- SOCI 201 Social Problems 3
- SOCL 212 Physical Anthropology & Archeology 3

### CATEGORY IV: HISTORY & CULTURAL DIVERSITY 6 credits

**Subcategory A - History 3 credits**
- HSTA 101 American History I 3
- OR
- HSTA 102 American History II 3

**Subcategory B - Cultural Diversity 3 credits**
- NAMS 181 Introduction to Native American Studies 3
- OR
- NAMS 211 Social Issues of the Native American 3

### CATEGORY V: ARTS & HUMANITIES 6 credits

**Subcategory A - Arts 3 credits**
- ART 110 Art Studio Essentials for the Non-Art Major 3
- ART 142 Introduction to Pottery 3
- ART 161 Introduction to Drawing 3
- COMT 155 Global Cinema 3
- DSGN 248 Computer Presentation and Animation 3
- ENGL 204 Fundamentals of Creative Writing 3
- LIT 270 Film & Literature 3
- MUSI 101 Enjoyment of Music 3
- MUSI 114 Band: MSUB Symphonic 1
- MUSI 131 Jazz Ensemble I: MSUB 1
- MUSI 147 Choral Ensemble: University Chorus 1
- THTR 101 Introduction to Theatre 3
- THTR 120 Introduction to Acting I 3

**Subcategory B - Humanities 3 credits**
- ART 132 Art History Survey 3
- HON 181 The Ancient and Medieval Worlds 3
- HON 182 The Renaissance and Modern Worlds 3
- HON 281 The American Intellectual Heritage (1620-1877) 3
- HON 282 The American Intellectual Heritage (1877-Present) 3
- LIT 110 Introduction to Literature 3
- LIT 240 The Bible as Literature 3
- PHL 110 Introduction to Ethics 3
- PHL 111 Philosophies of Life 3
### Professional Education Core

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Grade</th>
<th>Semester</th>
<th>Equivalent</th>
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<tbody>
<tr>
<td>#EDU 105 Education and Democracy</td>
<td>(3)</td>
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<tr>
<td>#EDU 220/220L Human Growth and Development/Lab</td>
<td>3</td>
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<tr>
<td>#EDU 221 Educational Psychology and Measurement</td>
<td>3</td>
<td></td>
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<tr>
<td>#HIP 201 Core Concepts in Health</td>
<td>3</td>
<td></td>
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<tr>
<td>#SPED 260 Introduction to Teaching Exceptional Learners</td>
<td>3</td>
<td></td>
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<tr>
<td>EDU 333 Reading and Writing Across the Curriculum</td>
<td>3</td>
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<tr>
<td>EDU 380 Introduction to Curriculum Planning/Practice</td>
<td>3</td>
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<tr>
<td>Content Area Methods Course</td>
<td>3-4</td>
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<tr>
<td>EDU 406 Philosophical, Legal &amp; Ethical Issues in Education</td>
<td>3</td>
<td></td>
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<tr>
<td>EDU 495A Student Teaching: K-12</td>
<td>9</td>
<td></td>
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<tr>
<td>OR EDU 495C Student Teaching: 5-12</td>
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</tbody>
</table>

^EDU 380 must be taken previous to or simultaneous with secondary method classes.

*May satisfy Academic Foundations/General Education requirements.

#Required for Admission to the Teacher Education Program.

### Secondary Education Majors:

- **Art (K-12)**
- Biology
- Broadfield Science
- Chemistry
- English
- Health and Physical Education (K-12)
- History
- Mathematics
- Music (K-12)
- Political Science
- Spanish (K-12)
- Special Education – Double Major/Degree
- Reading – Double Major/Degree
# Bachelor of Science Degree in Education – Secondary Teaching Major

<table>
<thead>
<tr>
<th>Categories</th>
<th>Credits</th>
<th>Earned</th>
<th>Remaining</th>
</tr>
</thead>
<tbody>
<tr>
<td>Academic Found./General Ed.</td>
<td>37</td>
<td>_____</td>
<td>_____</td>
</tr>
<tr>
<td>Professional Education Core</td>
<td>**33-34</td>
<td>_____</td>
<td>_____</td>
</tr>
<tr>
<td>Major (number of credits vary)</td>
<td>V</td>
<td>_____</td>
<td>_____</td>
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<tr>
<td>Teaching Minor</td>
<td>V</td>
<td>_____</td>
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<tr>
<td>Total</td>
<td>120-128</td>
<td>_____</td>
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</tbody>
</table>

**Three (3) credits that also satisfy Academic Foundations/General Education requirements and are not included in the total credits.

It is the student’s responsibility to know and meet the requirements for graduation. A minimum of 36 credits must be upper division classes (300 and above).

### NOTES: