



ADVISING WORKSHEET
 ASSOCIATE OF SCIENCE
 PROGRAM OF STUDY IN ALLIED HEALTH
 General Bulletin 2007-2009

TRANSFER INSTITUTION(S):

Montana State University Billings
 Advising Center
 Phone: 406-657-2240
 Fax: 406-657-2280
 advising@msubillings.edu
www.msubillings.edu/advise/

Name _____

Student ID # _____

ACADEMIC FOUNDATIONS REQUIREMENTS – SEE PAGE 4 FOR SPECIFIC COURSES

| Academic Foundations Category | Course # | Credits | Grade | Semester | Equivalent |
|---|--------------------|---------|-------|----------|------------|
| Category I: Global Academic Skills (12 credits) A. Mathematics (3 credits) B. English (6 credits) C. Information Literacy (3 credits) | STAT 141 or 241 | | | | |
| | ENGL 150 | | | | |
| | | | | | |
| Category II: Natural Sciences (7 credits) 2 lectures (6 credits) & 1 lab (1 credit) (1 life science & 1 physical science & 1 lab) | BIOL 178 | | | | |
| | CHEM 104 | | | | |
| | CHEM 105 | | | | |
| Category III: Social Sciences (6 credits) Courses must be from separate prefixes | PSYC 101 | | | | |
| | | | | | |
| Category IV: History & Cultural Diversity (6 credits) A. History (3 credits) B. Cultural Diversity (3 credits) | | | | | |
| | | | | | |
| Category V: Arts & Humanities (6 credits) A. Arts (3 credits) B. Humanities (3 credits) | | | | | |
| | PHIL 115 | | | | |

A minimum grade of "C-" required in all Academic Foundations courses. *Note: Certain degrees may require a minimum grade of "C" in Academic Foundations courses.*

Reviewed:

ACADEMIC FOUNDATIONS REQUIREMENTS

| CATEGORY I: GLOBAL ACADEMIC SKILLS | | | 12 credits |
|---|-----|-------------------------------------|-------------------|
| Subcategory A - Mathematics | | | 3 credits |
| MATH | 106 | College Algebra | 3 |
| MATH | 107 | Precalculus | 5 |
| MATH | 112 | Calculus I | 4 |
| MATH | 121 | Finite Mathematics | 4 |
| MATH | 122 | College Mathematics for Technology | 3 |
| MATH | 141 | Contemporary Mathematics | 3 |
| MATH | 202 | Fundamentals of Mathematics II | 3 |
| STAT | 141 | Introduction to Statistics | 3 |
| STAT | 241 | Statistical Methods | 4 |
| Subcategory B - English | | | 6 credits |
| ENGL | 150 | <i>College Composition</i> | 3 |
| ENGL | 201 | Business Communication | 3 |
| ENGL | 226 | Research Writing | 3 |
| ENGL | 140 | Business Writing | 3 |
| ENGL | 145 | Technical Communication | 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 |
|--|---------------------|---------------------------------|--------------------------------------|
| <i>Students are required to take one course from each subcategory and at least one corresponding lab or SCIN 101, 102, 103 & 104</i> | | | |
| Subcategory A – Life Sciences | | | |
| BIOL | 101 | Survey of Biology | 3 |
| BIOL | 115 | Survey of Biology Lab | 1 |
| BIOL | 178 | Principles of Biology | 3 |
| BIOL | 188 | Principles of Biology Lab | 1 |
| Subcategory B – Physical Sciences | | | |
| CHEM | 104 | Fund of General Chemistry | 3 |
| CHEM | 105 | Fund of General Chem Lab | 1 |
| CHEM | 115 | General Chemistry I | 3 |
| CHEM | 118 | General Chemistry I Lab | 1 |
| EASC | 100 | Lithosphere and Hydrosphere | 3 |
| EASC | 101 | Lithosphere and Hydrosphere Lab | 1 |
| GEOG | 100 | Physical Geography Lab | 1 |
| GEOG | 101 | Physical Geography | 3 |
| PHYS | 101 | Earth, Air, Fire and Water | 3 |
| PHYS | 102 | Earth, Air, Fire and Water Lab | 1 |
| PHYS | 110 | College Physics I | 3 |
| PHYS | 111 | College Physics I Lab | 1 |
| PHYS | 201 | Introduction to Astronomy | 3 |
| PHYS | 203 | Introduction to Astronomy Lab | 1 |
| PSSC | 101 | Physical World Around Us | 3 |
| PSSC | 102 | Physical World Around Us 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 |
|---|---------|---|------------------|
| <i>Two courses from separate prefixes</i> | | | |
| BUS | 101 | Introduction to Business | 3 |
| COMT | 109 | Human Relations | 3 |
| COMT | 110 | Interpersonal Communication | 3 |
| ECON | 200 | Principles of Microeconomics | 3 |
| ECON | 201 | Principles of Macroeconomics | 3 |
| EDF | 100 | Education and Democracy | 3 |
| GEOG | 102 | World Geography | 3 |
| HHP | 101 | Health Sciences | 3 |
| POLS | 101/200 | Intro to Gov't/Intro to Comparative Gov't | 3 |
| POLS | 212 | United States Government | 3 |
| PSYC | 101 | General Psychology | 3 |
| PSYC | 271 | Human Relations | 3 |
| SOCL | 101 | Introduction to Sociology | 3 |
| SOCL | 212 | Physical Anthropology & Archeology | 3 |
| SOCL | 221 | Social Problems | 3 |

| CATEGORY IV: HISTORY & CULTURAL DIVERSITY | | | 6 credits |
|--|-----|---|------------------|
| Subcategory A - History | | | 3 credits |
| HIST | 104 | The West and the World to 1648 | 3 |
| HIST | 105 | The West and the World since 1648 | 3 |
| HIST | 106 | Honors: History of Western Civ to 1500 | 3 |
| HIST | 107 | Honors: History of Western Civ since 1500 | 3 |
| HIST | 204 | United States History to 1877 | 3 |
| HIST | 205 | United States History Since 1877 | 3 |
| POLS | 221 | International Relations | 3 |
| Subcategory B - Cultural Diversity | | | 3 credits |
| ART | 131 | Global Visual Culture | 3 |
| COMT | 160 | Introduction to Intercultural Communication | 3 |
| ENGL | 260 | World Foundations of Literature | 3 |
| GEOG | 120 | Environment and Culture | 3 |
| HHP | 270 | Global Health Issues | 3 |
| NAMS | 181 | Introduction to Native American Studies | 3 |
| NAMS | 211 | Social Issues of the Native American | 3 |
| PHIL | 105 | The Religious Quest | 3 |
| REHA | 201 | Introduction to Diversity | 3 |
| SOCL | 211 | Cultural Anthropology | 3 |
| A&SC/SOCL | 250 | Women, Culture and Society | 3 |
| SPAN | 150 | The Hispanic Tradition | 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 | 150 | Introduction to Theatre and Performance | 3 |
| COMT | 155 | Global Cinema | 3 |
| COMT | 250 | Introduction to Acting | 3 |
| ENGL | 204 | Fundamentals of Creative Writing | 3 |
| ENGL | 280 | Fiction into Film | 3 |
| MUSC | 100 | Music Appreciation | 3 |
| MUSC | 150 | Musics of the World | 3 |
| DSGN | 248 | Computer Presentation and Animation | 3 |
| Subcategory B - Humanities | | | 3 credits |
| ART | 132 | Art History Survey | 3 |
| ENGL | 160 | Reading and Responding to Literature | 3 |
| ENGL/PHIL | 240 | The Bible as Literature | 3 |
| HON | 181 | The Ancient and Medieval Worlds | 3 |
| HON | 182 | The Renaissance and Modern Worlds | 3 |
| HON | 281 | Humanistic Thought of the U.S. to 1877 | 3 |
| HON | 282 | Humanistic Thought of the U.S. since 1877 | 3 |
| PHIL | 115 | Ethics | 3 |
| PHIL | 117 | Philosophies of Life | 3 |

| | Course | Credits | Grade | Semester | Equivalent |
|--|---------------|----------------|--------------|-----------------|-------------------|
|--|---------------|----------------|--------------|-----------------|-------------------|

Required Program Courses

| | | | | | |
|------|-----|--|---|--|--|
| BIOL | 241 | Human Physiology and Anatomy I | 3 | | |
| BIOL | 243 | Human Physiology and Anatomy I Lab | 1 | | |
| BIOL | 245 | Human Physiology and Anatomy II | 3 | | |
| BIOL | 246 | Human Physiology and Anatomy II Lab | 1 | | |
| BIOL | 251 | Microbiology for the Health Sciences | 3 | | |
| BIOL | 261 | Microbiology for the Health Sciences Lab | 1 | | |
| CHEM | 106 | Fundamentals of Biochemistry | 3 | | |

Elective Courses (Take 8 credits from the following):

| | | | | | |
|---|---------|-------------------------------|---|--|--|
| BIOL | 221 | Human Nutrition | 3 | | |
| BIOL | 340/350 | General Microbiology with Lab | 4 | | |
| BIOL | 353/354 | Genetics with Lab | 4 | | |
| CHEM | 115/118 | General Chemistry I with Lab | 8 | | |
| AND | | | | | |
| CHEM | 116/119 | General Chemistry II with Lab | | | |
| HHP | 210 | First Aid and CPR | 2 | | |
| PHYS | 110/111 | College Physics I with Lab | 8 | | |
| AND | | | | | |
| PHYS | 120/121 | College Physics II with Lab | | | |
| PSYC | 380 | Developmental Psychology | 3 | | |
| OR | | | | | |
| PSYC | 470 | Abnormal Psychology | | | |
| Upper division Biology or Chemistry courses chosen in conjunction with advisor. | | | | | |
| | | | | | |

Upper Division Biology or Chemistry courses chosen in conjunction with advisor:

| | | | | |
|--|--|--|--|--|
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The above Academic Foundations Courses and Program Courses are minimum requirements. Students with specific career goals in the Allied Health Sciences should be aware that some disciplines require more advanced courses than those listed. Therefore, if you know your career path, or if you believe you may transfer into a B.S. degree program at MSU-Billings or another university, it is essential that you consult with your advisor in the science department so that you proceed efficiently in your studies.

**ASSOCIATE OF SCIENCE DEGREE
PROGRAM OF STUDY IN ALLIED HEALTH**

| Categories | Credits | Earned |
|----------------------|----------------|---------------|
| Academic Foundations | 37 | _____ |
| Required Courses | 23 | _____ |
| Electives (may vary) | V | _____ |
| Total | 60 | _____ |

It is the student's responsibility to know and meet the requirements for graduation.

NOTES: