B.S. General Program Plan Sheet

Name | Student ID | Concentration

University Degree Requirements

Overall Credit and GPA Requirements
- Total Credits (120)
- Resident Credits (32)
- Stout GPA (2.000)

Racial and Ethnic Studies (6 credits)
(Select three credits from RES Category A)
- (Select three credits from any RES area)

Global Perspective (6 credits)
(Complete a program of university-approved work or study abroad, or 6 credits of global perspective approved courses)

NOTE: RES and GLP requirements may be met within GE or major course selection.

General Education Requirements (40 credits)

Communication Skills (9 credits)
- ENGL-101 or ENGL-111 Composition 1 3
- ENGL-102 or ENGL-112 Composition 2 3
- SPCOM-100 Fundamentals of Speech 3

Analytic Reasoning and Natural Science (10 credits)
(At least one math or statistics course and a natural science course with a lab are required)
- MATH-153 Calculus 4
- STAT-320 Statistical Methods 2
- CHEM-XXX or PHYS-XXX w/ lab 4

Arts and Humanities (6 credits)
(Must be from at least two categories: Art History/Music Appreciation, Creative/Performing Arts, Foreign Language & Culture, History, Literature, Philosophy)
- Literature Elective 3
- Creative/Performing Arts 1-3
- HIST-210 World History* (or ANTH below) 1-3

Social and Behavioral Sciences (6 credits)
(Must be from at least two categories: Anthropology, Economics, Geography, Political Science, Psychology, Sociology)
- ANTH-220 Cultural Anthropology* (or HIST above) 3
- Elective 3

Contemporary Issues (3 credits)
(Courses must be selected from the list of approved contemporary issues courses)
- BIO-111 Science, the Environment and Sustainability 4

Social Responsibility and Ethical Reasoning (3 credits)
(Courses must be selected from the list of approved social responsibility and ethical reasoning courses)
- EDUC-330 Multiculturalism 3

Selectives (3 credits)
(Selected from GE-approved courses)

NOTE: This document is meant to display your degree requirements. The Academic Requirements Report must be used to track progress toward fulfilling all degree requirements. The Academic Requirements Report must show all requirements “satisfied” before your degree is awarded.

Professional & Technical Education Requirements

(10 credits)
- EDUC-303 Educational Psychology 3
- EDUC-326 Foundations of Education 2
- RDGED-382 Reading and Language Development 2
- SPED-430 Inclusion 3

(30 credits)
- STMED-160 Introduction to Technology & Science Ed 2
- STMED-260 Curriculum, Methods and Assessment 3
- STMED-360 Pre-Student Teaching 1
- STMED-390 Lab and Classroom Management 3
- STMED-460 Teaching Methods 3
- TECED-340 Middle School Tech Ed 2
- TECED-409 Student Teaching 16

Professional/Technical Education courses & Introductory Science courses require a “C” or better. TECED/STMED can only be repeated once.

The Designed World (40 credits)

Technical Requirements-35 credits
- AEC-172 Construction Technology 3
- ELEC-204 Electricity/Electronics Fundamentals 3
- CMG-141 Cross-Media Graphics 3
- MFGT-110 Materials and Manufacturing Processes 3
- MFGT-204 Polymer Process 3
- MFGT-202 Welding & Casting Processes or 3
- MFGT-203 Machining Metal Forming Processes 3
- AEC-131 Architectural Graphics or 3
- ENGR-112 Engineering Graphics Fundamentals 3
- POWER-396 Mechatronics 3
- RD-205 Design for Industry 3
- RD-420/421 Research & Development 3
- TECED- Technology Practicum I 2
- TECED- Technology Practicum 2 3

Technical Electives-5 credits

Science Courses: Choose at least one major or minor science certification from the list below:

Biology Science Major-28 credits
- BIO-135 Organismal Biology 4
- BIO-136 Molecular Cell Biology 5
- BIO-332 Genetics 3
- BIO-350 Ecology 3
- BIO-XXX Biology Electives (above intro level) 13

SEE NEXT PAGE FOR ADDITIONAL REQUIREMENTS

See online course description for prerequisites

Revised 7/2013

Program Website: http://www.uwstout.edu/programs/bses/index.cfm
### Biology Science Minor-18

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<td>PHYS-151</td>
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