Botany Major: Track C
General Botany Emphasis

Program Prerequisites: Not required.
Minor: A minor is required.
Grade Requirements: An overall GPA of 2.00 in all courses required in the major.

Botany Core Courses Required (16 credit hours)
BTNY LS1403 - Environment Appreciation (3)
   or BTNY 3403 - Environment Appreciation (3)
BTNY 2104 - Plant Form and Function (4)
BTNY 2114 - Evolutionary Survey of Plants (4)
BTNY 2121 - Career Planning for Botanists (1)
BTNY 2600 - Laboratory Safety (1)
BTNY 4980 - Portfolio Summative Assessment (3)

Additional Botany Courses Required (11 credit hours)
BTNY 3303 - Plant Genetics (3)
BTNY 3454 - Plant Ecology (4)
BTNY 3624 - Taxonomy of Vascular Plants (4)

Elective Botany Courses (20 credit hours minimum; 6 lower division credit hours maximum)
BTNY 2203 - Home and Garden Plants (3)
BTNY 2303 - Ethnobotany (3)
BTNY 2413 - Introduction to Natural Resource Management (3)
BTNY 3105 - Anatomy and Morphology of Vascular Plants (5)
BTNY 3153 - Biology of the Plant Cell (3)
BTNY 3204 - Plant Physiology (4)
BTNY 3214 - Soils (4)
BTNY 3473 - Plant Geography (3)
BTNY 3504 - Mycology (4)
BTNY 3514 - Algology (4)
BTNY 3523 - Marine Biology (3)
BTNY 3583 - Herbal Medicines (3)
BTNY 3643 - Intermountain Flora (3)
BTNY 4113 - Plant Evolution (3)
BTNY 4252 - Cell Culture (2)
BTNY 4750 - Topics in Botany (1-5)
BTNY 4800 - Individual Research (2)
   or BTNY 4850 - Thesis Research (2)
BTNY 4830 - Readings in Botany (2)
   or BTNY 4840 - Thesis Readings (2)
BTNY 4890 - Cooperative Work Experience (1-3)
BTNY 4950 - Advanced Field Botany (1-5)
BTNY 4970 - Botany Thesis (2)
   or BTNY 4990 - Seminar in Botany (1)

Required Support Courses (23-38 credit hours)
CHEM PS1110 - Elementary Chemistry (5) and CHEM 1120 - Elementary Organic Bio-Chemistry (5)
   or CHEM PS1210/1220 - Principles of Chemistry I & II (10) and CHEM 2310 - Organic Chemistry I (4) and CHEM 2315 - Organic Chemistry I Lab (1)
MATH QL1040 - Introduction to Statistics (3)
   or MATH QL1050 - College Algebra (4)
   or MATH QL1080 - Pre-calculus (5)
   or MATH 1210 - Calculus I (4)
PHYS PS1010 - Elementary Physics (3)
   or PHYS PS2010/2020 - College Physics I & II (10)
   or PHYS PS2210/2220 - Physics for Scientists and Engineers I & II (10)

Select two of the following:
GEO PS1110 - Dynamic Earth: Physical Geology (3)
   or GEOG PS1000 Natural Environments of the Earth (3)
MICR LS2054 - Principles of Microbiology(4)
ZOOL LS1110 - Principles of Zoology I (4)
ZOOL 1120 - Principles of Zoology II (4)

To see a suggested full time, four year (8 semester) class schedule, search for GRAD MAPS at the Weber State University home page (weber.edu).