# Botany Major: Track A, Option 2
## Pre-Natural Medicine

**Program Prerequisite:** Not required.

**Minor:** A minor is required. Botany majors in Track A, Option 2 will meet the requirements for a minor in Chemistry.

**Grade Requirements:** An overall GPA of 2.00 in all courses required for the major. Meeting the minimum GPA does not guarantee admission to a professional program.

## Botany Core Courses Required (22-23 credit hours)
- BTNY LS1403 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 DV2303 Ethnobotany (3)
- BTNY 2600 Laboratory Safety (1)
- BTNY 3303 Plant Genetics (3)
- BTNY 4980 Portfolio Summative Assessment (3)

* Students in Pre-Natural Medicine should take BTNY 3403.

## Additional Botany Courses Required (10-11 credit hours)
- BTNY 3624 Taxonomy of Vascular Plants (4)
- BTNY 3153 Biology of the Plant Cell (3)
- BTNY 3583 Herbal Medicines (3)

## Elective Botany Courses (8 credit hours minimum)
- BTNY 3214 Soils (4)
- BTNY 3454 Plant Ecology (4)
- BTNY 3473 Plant Geography (3)
- BTNY 3504 Mycology (4)
- BTNY 3514 Allogogy (4)
- BTNY 3523 Marine Biology (3)
- BTNY 3643 Intermountain Flora (3)
- BTNY 4113 Plant Evolution (3)
- BTNY 4252 Cell Culture (2)
- BTNY 4750 Topics in Botany (2)
- BTNY 4800 Individual Research (3)
- BTNY 4830 Readings in Botany (2)

## Required Support Courses (69-71 credit hours)
- CHEM PS/SI1210/SI1220 Principles of Chemistry I & II (10)
- CHEM 2310 Organic Chemistry I (5)
- CHEM 3070 Biochemistry I (4)
- COMM HU1020 Principles of Public Speaking (3)
- ENGL EN1010 Introductory College Writing (3)
- ENGL EN2010 Intermediate College Writing (3)
- ECON AI1740 Economic History of the United States (3)
- MICR LS1153 Elem Public Health (3)
- PSY SS1010 Introductory Psychology (3)
- MATH QL1040 Introduction to Statistics (3)
- PHYS PS/SI2010/SI2020 College Physics I & II (10)
- ZOOL SI1110/SI1120 Principles of Zoology I & II (8)
- ZOOL 2100 Human Anatomy (4)
- ZOOL 2200 Human Physiology (4)

**Suggested upper division courses include:**
- ZOOL 3720 Evolution (3) *(this will complete a minor in Zoology)*
- MICR 3203 The Immune System in Health and Disease (3)
- PHIL 3350 Medical Ethics (3)
- BSAD 3000 Small Business Management (3) *(for non-business majors)*

**or BTNY 4840 Thesis Readings (2)**
**or BTNY 4890 Cooperative Work Experience (5)**
**or BTNY 4895 Advanced Field Botany (2)**
**or BTNY 4970 Botany Thesis (2)**