

BOTANY, BA

FOUR-YEAR PLAN

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This Four-Year Plan is only one way a student may complete an L&S degree with this major. Many factors can affect student degree planning, including placement scores, credit for transferred courses, credits earned by examination, and individual scholarly interests. In addition, many students have commitments (e.g., athletics, honors, research, student organizations, study abroad, work and volunteer experiences) that necessitate they adjust their plans accordingly. Informed students engage in their own unique Wisconsin Experience by consulting their academic advisors, Guide, DARS, and Course Search & Enroll for assistance making and adjusting their plan.

This plan shown focuses on completing major requirements early enough to be able to pursue advanced interests later. It also includes additional research experiences beyond the minimum, since many students find it helpful to begin research earlier than their senior year. Students interested in graduate school would be advised to take additional courses in the biological, physical, and/or data science fields. Students seeking honors in the Major might want to consult the sample 4-year plans provided by the Biocore (<https://guide.wisc.edu/undergraduate/letters-science/biology-core-curriculum/biology-core-curriculum-honors-certificate/>) program

First Year

| Fall | Credits Spring | Credits |
|--|--|-----------|
| General chemistry (choose one) ¹ | 4-5 CHEM 104 (or Elective) | 5 |
| CHEM 103 or 109 ¹ | Introductory Biology First Semester (choose one) | 5 |
| Communications A (complete during your first year) | 3 BOTANY/ BIOLOGY 130 or BIOLOGY 151 | 3 |
| MATH 221 ² | 5 Humanities Breadth | 3 |
| Language Requirement Course | 3-4 Social Science Breadth | 3 |
| | 15 | 16 |

Second Year

| Fall | Credits Spring | Credits |
|--|---|---------|
| CHEM 341 ³ | 3 PHYSICS 115 | 3 |
| Introductory Biology First Semester (choose one) | 5 STAT 371 | 3 |
| BIOLOGY/ ZOOLOGY 101 & BIOLOGY/ ZOOLOGY 102 | BOTANY/AMER IND/ ANTHRO 474 (or an alternate Ethnic Studies course) | 3-4 |
| BIOLOGY/BOTANY/ ZOOLOGY 152 | Botany Breadth (I/A) | 4 |
| Comm B (if not taking BIOLOGY 152) or Elective | 3-4 | |

| | | |
|------------------------|-----------|-----------|
| Social Science Breadth | 3 | |
| | 15 | 14 |

Third Year

| Fall | Credits Spring | Credits |
|--------------------------------------|--|---------|
| BOTANY 499 (or Botany Breadth (I/A)) | 1-3 Botany Breadth (I/A) Course(s) or Elective(s) | 9 |
| Botany Breadth (I/A) Courses | 6-7 Literature Breadth (I/A) | 3 |
| Humanities Breadth | 3 I/A COMP SCI/MATH/ STAT Course (not needed if MATH 221 and STAT 371 taken) | 3 |

| | | |
|------------------------|-----------|-----------|
| Social Science Breadth | 3 | |
| | 15 | 15 |

Fourth Year

| Fall | Credits Spring | Credits |
|---|---|-----------|
| BOTANY 691 | 2-3 BOTANY 692 | 3 |
| Botany Breadth (I/A) Course(s) or Elective(s) | 9 Botany Breadth (I/A) Course(s) or Elective(s) | 12 |
| Literature Breadth | 3 | |
| | 15 | 15 |

Total Credits 120

- ¹ Chemistry sequence CHEM 103 & CHEM 104 recommended.
- ² Or a different course in mathematics guided by placement testing.
- ³ Organic Chemistry full sequence (CHEM 343, CHEM 344, & CHEM 345) recommended, especially for students interested in molecular biology or biochemistry