## Major in: Biology-Botany

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**Choose one**
- BI 317 Vertebrate Natural History (4)
- BI 321 Systematic Field Botany (4)*
- BI 451 Invertebrate Zoology (5)

**Choose one**
- BI 357 General Ecology (4)
- BI 454 Plant Ecology (4)*

**Math Options: choose one**
- A) MTH 112 Elementary Functions (4)
  - MTH 243 Probability and Statistics (4)
- B)* MTH 251 Calculus I (5)
  - MTH 252 Calculus II (5)
- C)* MTH 251 Calculus I (5)
  - MTH 243 Probability and Statistics (4)

**Botany Emphasis (17-19)**
- BI 330 Plant Physiology (5)
- BI 371 Structure of Seed Plants (4)
- Two UD courses approved by Advisor (8-10)

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### Program notes & Additional Degree Requirements

- All Students pursuing this emphasis must complete BI 321 and BI 454 as their required Biology core option. In addition, Math option B or C is strongly recommended.

- Biology majors, regardless of emphasis, are required to maintain a C average in courses that are used to satisfy biology degree requirements.

- Students graduating in the various emphases of the biology major are required to take a standardized exit exam in their last year.

- Minimum degree requirements of at least:
  - 180 or more total credit hours
  - 62 Upper Division credit hours
  - 45 of last 60 credits earned at WOU campus

**BA Degree Requirements**
- CS 101 or higher
- Math 105 or higher
- Writing Intensive:

**BS Degree Requirements**
- CS121 or higher
- Math 111 or higher
- CS/Math/Stats

**Diversity**

**Writing Intensive**