### Plant Biology Option

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### Environmental Science & Ecology Option

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### Molecular Biosciences / Biotechnology Option

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### Urban Horticulture Option

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And at least 1 of the following:

- PLB 306 4
- PLB 308 4
- PLB 310 4

More 16 hours of elective credit in the life sciences or other advisor-approved area (8 hours must be Upper Division)

### Minor Totals: 24 hours min

**Suggested elective courses include:**

- BIO 320 Fundamentals of Ecology
- BIO 353 Cell Biology
- PLB 300 Comparative Plant Diversity
- PLB 302 Plants and Civilization
- PLB 304 Biology of Algae & Fungi
- PLB 305 Desert Annuals & Cacti
- PLB 306 Plant Anatomy
- PLB 308 Plant Physiology
- PLB 310 Flora of Arizona
- PLB 400 Lichenology
- PLB 402 Mycology
- PLB 404 Physiology
- PLB 406 Vascular Plant Structure
- PLB 407 Plant Fossils
- PLB 408 Pollen & Spores
- PLB 410 Angiosperm Taxonomy
- PLB 411 Trees & Shrubs of Arizona
- PLB 412 Cytogenetics
- PLB 413 Cytogenetics Laboratory
- PLB 414 Plant Pathology
- PLB 416 Medical Botany

- BIO 101/103 Intro to Geology
- GLG 110/111 Environmental Geology
- PLB 310 Flora of Arizona
- PLB 322 Environmental Science
- PLB 420 Plant Ecology: Organisms/Populations
- PLB 421 Plant Ecology: Communities/Ecosystems
- PLB 422 Plant Geography
- PLB 430 Statistical Analysis
- PLB 434 Ecological Modeling

- MBB 343 Genetic Engineering & Society
- PLB/MBB 350 Applied Genetics
- MBB 445 Techniques in Molecular Biology/Genetics
- MBB 446 Techniques in Molecular Biology/Genetics Lab
- PLB 340 Plant Cell Physiology
- PLB 440 Photobiology
- PLB 442 Algal & Fungal Physiology
- PLB 444 Plant Growth & Development

- ERS 130 Soils & Environmental Quality
- ERS 225/226 Soils
- PLB 260 Plants in Cities: Intro to Urban Horticulture
- PLB 306 Plant Anatomy
- PLB 308 Plant Physiology
- PLB 362 Landscape Plants I
- PLB 363 Landscape Plants II
- PLB 364 Urban Forestry
- PLB 366 Interiors Cape
- PLB 370 Landscape Practices
- PLB 372 Turf Management
- PLB 472 Greenhouse/Nursery Mgmt.