

**Biological Sciences Department
Biology Major--Botany Option
Curriculum Year: 2013-2014**

*Your department has developed this road plan, taking into account prerequisites and schedule restrictions.
You should pay attention to these concerns when deviating from this plan.*

| Year 1 | Fall | Units | Winter | Units | Spring | Units | Comment |
|--------|---|-----------|--|-----------------------------|--|-----------|---|
| | BIO 121/121L GE Area B2, B3 & Support | 5 | BIO 122/122L Major Core | 5 | BIO 123/123L Major Core | 5 | <i>SCI 101/101A and SCI 102/102A together fulfill GE Area E</i> |
| | CHM 121/121L GE Area B1,B3 & Support | 4 | CHM 122/122L Major Support | 4 | CHM 123/123L Major Support | 4 | |
| | ENG 104 GE Area A1 & Support | 4 | ENG 105 GE Area A3 & Support | 4 | MAT 120 GE Area B4 & Support | 4 | |
| | SCI 101/101A | 2 | SCI 102/102A | 2 | | | |
| | Total Units | 15 | Total Units | 15 | Total Units | 13 | |
| | | | | Total Units for Year | 43 | | |

| Year 2 | Fall | Units | Winter | Units | Spring | Units | Comment |
|--------------------|--|--------------------|---|-----------------------------|--------------------------------------|-------|--|
| | BOT 201/201L Major Core | 4 | CHM 201/250L Major Support | 4 | PLT 231/231L Major Support | 4 | <i>One course must be completed in each of the GE Areas C1-3 and D2-3.</i> |
| | PHY 121/121L Major Support | 4 | PHY 122/122L Major Support | 4 | PHY 123/123L Major Support | 4 | |
| | GE Area A2 Any approved course | 4 | STA 120 Major Support | 4 | BIO 211/211L Major Core | 4 | |
| | GE Any approved course in area C1-3 or D2-3 | 4 | *KIN/FN 203 PSY 201 or PSY 210 Select one course GE Area E | (4) | PLS 201 GE Area D1a | 4 | |
| | | | | | | | |
| Total Units | 16 | Total Units | 12-16 | Total Units | 16 | | |
| | | | | Total Units for Year | 44-48 | | |

| Year 3 | Fall | Units | Winter | Units | Spring | Units | Comment |
|--------------------|---|--------------------|--|--------------------|---|--------------|---|
| | BIO 325/325L Major Core | 4 | BIO 303 Major Core | 4 | MIC 435/435L or BOT 436/436L (even yrs only) | 4 | <i>Approved support electives include any 200, 300, or 400 level courses in the Biological Sciences Department not specifically designed for non-majors. Approved electives also include any advanced chemistry and math courses, and PHY 304/304L, PHY 410, PLT 131/131L, PLT 220/220L, PLT 323/323L, PLT 404/404L, PLT 421/421L, PLT 427/427L. Advisors may approve elective units from courses offered by other departments.</i> |
| | CHM 321/321L Major Support | 4 | MIC 201/201L Major Core | 4 | Approved Elective Major Support | 4 | |
| | HST 202 GE Area D1b | 4 | GE Any approved course in area C1-3 or D2-3 | 4 | BOT 421/421L (odd yrs only) or BOT 343/343L (even yrs only) | 3-4 | |
| | GE Any approved course in area C1-3 or D2-3 | 4 | GE Any approved course in area C1-3 or D2-3 | 4 | GE Any approved course in area C1-3 or D2-3 | 4 | |
| | <i>Take the Graduation Writing Test</i> | | | | | | |
| Total Units | 16 | Total Units | 16 | Total Units | 15-16 | | |
| | | | | | Total Units for Year | 47-48 | |

| Year 4 | Fall | Units | Winter | Units | Spring | Units | Comment |
|--------------------|---|--------------------|--|--------------------|---|--------------|--|
| | BOT 428/428L Major Core | 5 | Approved Elective Major Support | 4 | BOT 436/436L or MIC 435/435L (odd yrs only) | 4 | <i>Support electives: Only 2 units of BIO 200 or BIO 400 allowed. Only 4 units of BIO 441 or BIO 461 allowed. Only 2 units of BIO 462 allowed.</i> <i>All GE Area A courses and all lower division GE courses in a GE area must be completed before taking the GE Synthesis course in that area.</i> <i>One course must be completed in each of the GE Areas B5, C4, and D4.</i> |
| | BIO 413 Major Core | 4 | BOT 434/434L (even yrs only) | 5 | BOT 343/343L (even yrs only) or BOT 421/421L (odd yrs only) | 3-4 | |
| | Approved Elective Major Support | 3 | BIO 490 Major Core | 1 | BOT 456/456L Major Core | 4 | |
| | BIO 304 or BIO 340 GE Area B5 | 4 | GE Synthesis Any approved course in area C4 or D4 | 4 | GE Synthesis Any approved course in area C4 or D4 | 4 | |
| | | | | | <i>File an application to graduate</i> | | |
| Total Units | 16 | Total Units | 14 | Total Units | 15-16 | | |
| | | | | | Total Units for Year | 45-46 | |

| | |
|------------------------------------|------------|
| Total Units on Plan | 180 |
| Major Core Units | 64 |
| Major Support Units | 47 |
| General Education Units | 69 |
| Unrestricted Elective Units | 0 |