Biology Major Recommended Four-Year Schedule

FRESHMAN YEAR (Fall)
- Introduction to Biology ................................. BIOL 130 3 (3,0)*
- Introduction to Biology Laboratory ............... BIOL 131 1 (0,3)
- General Chemistry I .................................. CHEM 151 3 (3,0)
- General Chemistry I Laboratory .................. CHEM 161 1 (0,2)
- Composition and Literature ..................... ENGL 101 3 (3,0)
- Social Science Elective ............................... 3 (3,0)
- First Year Seminar ................................ ORTN 101 1 (2,0)
- Required Physical Education ..................... RPED 250 2 (2,0)
- +1st Year Basic ROTC

FRESHMAN YEAR (Spring)
- Introduction to Biology II ............................. BIOL 140 3 (3,0)*
- Introduction to Biology II Laboratory .......... BIOL 141 1 (0,3)
- General Chemistry II ................................ CHEM 152 3 (3,0)
- General Chemistry II Laboratory ............... CHEM 162 1 (0,2)
- Composition and Literature ..................... ENGL 102 3 (3,0)
- Statistical Methods .................................. STAT 160 3 (3,0)
- Required Physical Education ..................... RPED 251 2 (2,0)
- +1st Year Basic ROTC

SOPHOMORE YEAR (Fall)
- Genetics .................................................. BIOL 308 4 (3,3)
- Organic Chemistry I ................................. CHEM 207 3 (3,0)
- Organic Chemistry I Laboratory ............... CHEM 217 1 (0,3)
- Major British Writers ................................ ENGL 201 3 (3,0)
- Applied Calculus I .................................... MATH 106 3 (3,0)
- Required Physical Education ..................... RPED 0 (0,1)
- +2nd Year Basic ROTC
- Sophomore Seminar ................................ LDRS 201 1 (1,0)
  (211 may be taken either semester) .......... LDRS 211 0 (0,1)
- Elective .................................................. 3 (3,0)

SOPHOMORE YEAR (Spring)
- Cell Biology ............................................ BIOL 205 4 (3,3)
- Organic Chemistry II ................................. CHEM 208 3 (3,0)
- Organic Chemistry II Laboratory ............... CHEM 218 1 (0,3)
- English, American, or World Literature ...... ENGL 3 (3,0)
- Applied Calculus II .................................. MATH 107 3 (3,0)
- Elective .................................................. 3 (3,0)
- Required Physical Education ..................... RPED 0 (0,1)
- +2nd Year Basic ROTC
**JUNIOR YEAR (Fall)**
- Biology Elective**.......................................... BIOL 3(4) (var)
- College Physics I............................................. PHYS 203 3 (3,0)
- College Physics I Laboratory.......................... PHYS 253 1 (0,2)
- History of Western or World Civilization....... HIST 3 (3,0)
- A Modern Language....................................... 3 (3,0)
- Elective........................................................... 3 (3,0)
- +1st Year Advanced ROTC.............................
- Junior Ethics Enrichment Experience...........LDRS 311 0 (1,0)

**JUNIOR YEAR (Spring)**
- Ecology........................................................... BIOL 406 4 (3,4)
- Biology Elective**.......................................... BIOL 3(4) (var)
- College Physics II.......................................... PHYS 204 3 (3,0)
- College Physics II Laboratory........................ PHYS 254 1 (0,3)
- History of Western or World Civilization....... HIST 3 (3,0)
- A Modern Language....................................... 3 (3,0)
- Elective........................................................... 3 (3,0)
- +1st Year Advanced ROTC.............................

**SENIOR YEAR (Fall)**
- Biology Senior Seminar.................................. BIOL 411 (1,0)
- Biology Elective**.......................................... BIOL 3(4) (var)
- Biology Elective**.......................................... BIOL 3(4) (var)
- A Modern Language....................................... 3 (3,0)
- Elective........................................................... 3 (3,0)
- Elective........................................................... 3 (3,0)
- Senior Leadership Integration Seminar...........LDRS 411 0 (1,0)
- +2nd Year Advanced ROTC............................

**SENIOR YEAR (Spring)**
- Biology Elective**.......................................... BIOL 3(4) (var)
- A Modern Language....................................... 3 (3,0)
- Elective........................................................... 3 (3,0)
- Elective........................................................... 3 (3,0)
- +2nd Year Advanced ROTC............................

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*Represents semester credit, lecture, and laboratory hours, in that order. Var = varies according to course.

**Biology electives must include at least one course from each of the following four areas. Cell and Molecular Biology: BIOL 290, BIOL 401, BIOL 402, BIOL 424; BIOL 427; Ecology and Field Biology: BIOL 209, BIOL 314, BIOL 407, BIOL 408, BIOL 409, BIOL 426; Organismal Biology: BIOL 203, BIOL 208, BIOL 301, BIOL 302, BIOL 309, BIOL 410, BIOL 419, BIOL 421; Physiological Biology: BIOL 403, BIOL 414. One additional biology elective must be chosen from the above courses and BIOL 320, BIOL 322, BIOL 412.

+ROTC hours (credit, lecture, and/or lab) may vary each semester by military department; however, the total hours which may be applied toward graduation requirements may not exceed 16 semester hours.

HOURS REQUIRED FOR GRADUATION: Required hours for the biology major vary from 126 to 131 (depending on choice of biology electives), plus the credit hours from successful completion of RPED 250, RPED 251, and all required ROTC courses.