

**The following courses are APPROVED as BIOLOGY LAB ELECTIVES (4 COURSES with 5 LAB UNITS required):**

| BIOL | TITLE                           | CR  | LAB U   | NOTES    | SEM      | BIOL | TITLE                        | CR | LAB U | NOTES | SEM      |
|------|---------------------------------|-----|---------|----------|----------|------|------------------------------|----|-------|-------|----------|
| 2005 | Doing Science: Biol of Var      | 3   | [L2]    | Honors   | F        | 5425 | Mycology                     | 4  | [L1]  |       | F        |
| 2015 | Evolution & Diversity Lab       | 2   | [L1]    |          | F/S      | 5430 | Biography of an Urban Stream | 3  | [L1]  |       |          |
| 2325 | Human Anatomy                   | 4   | [L1]    |          | All      | 5435 | Plant Systematics            | 4  | [L1]  |       | F (even) |
| 2355 | Field Botany                    | 2   | [L1]    | Half Sem | Su       | 5445 | General Entomology           | 4  | [L1]  | CEL   | F18      |
| 2425 | Human Physiology Lab            | 1   | [L1]    |          | Su/F     | 5455 | Desert Ecology Field Course  | 3  | [L1]  |       | F17/S20  |
| 3125 | Mol Tools for Evol & Pop Biol   | 3   | [L2]    |          | S (odd)  | 5465 | Plant Ecology Lab            | 3  | [L2]  |       | F        |
| 3205 | General Microbiology Lab        | 1   | [L1]    |          | F/S      | 5495 | Biophysical Ecology          | 4  | [L1]  | QI    | F (even) |
| 3315 | Comp Vert Morphology Lab        | 1   | [L1]    |          | F        | 5555 | Evol Parasites & Pathogens   | 3  | [L1]  | F&F   | S (even) |
| 3325 | Comp Physiology Lab             | 3   | [L2]    |          | S        |      |                              |    |       |       |          |
| 3480 | Biography of an Urban Stream    | 3   | [L1]    |          |          | CHEM | CHEM 5720: Adv Phys Chem     | 2  | [L1]  |       |          |
| 3485 | Conservation Field Biology      | 1   | [L1]    |          | S        |      |                              |    |       |       |          |
| 3515 | Biol Chemistry Lab              | 3   | [L1]    |          | S        |      |                              |    |       |       |          |
| 3525 | Molec Biology of DNA Lab        | 3   | [L2]    |          | F        |      |                              |    |       |       |          |
| 4955 | Individual Research             | 1-3 | [L1-L2] |          | All      |      |                              |    |       |       |          |
| 4995 | Biology Honors Research         | 1-4 | [L1-L2] |          | All      |      |                              |    |       |       |          |
| 5221 | Human Evol Genetics             | 4   | [L1]    | QI       | F (odd)  |      |                              |    |       |       |          |
| 5255 | Prokaryotic Genetics Lab        | 3   | [L2]    | Half Sem | F        |      |                              |    |       |       |          |
| 5275 | Microbial Diversity & Evolution | 4   | [L1]    |          | F        |      |                              |    |       |       |          |
| 5315 | Adv Human Anatomy               | 3   | [L1]    |          | S        |      |                              |    |       |       |          |
| 5345 | Nat Hist of CO Plateau          | 3   | [L1]    |          | Su (odd) |      |                              |    |       |       |          |
| 5346 | Nat Hist of CO Plateau          | 3   | [L1]    | Honors   | Su (odd) |      |                              |    |       |       |          |
| 5365 | Form, Function, Adapt of Plants | 4   | [L1]    | F&F      | S (even) |      |                              |    |       |       |          |
| 5385 | Ornithology                     | 4   | [L2]    |          | S (odd)  |      |                              |    |       |       |          |

**Notes:**

**One LAB UNIT roughly** = 2-3 hrs/wk of lab (meeting once/week). **Two LAB UNITS** roughly corresponds to 4-6 hrs/wk of lab (meeting twice/week).

Courses w/o a semester listed are dormant or taught on an irregular basis as faculty are available. Schedules are subject to change without notice.

Please see the on-line schedule for the most accurate information.

**Approved SCIENCE Courses (72 CR SCIENCE and 36 BIOLOGY required for BIOLOGY BA/BS):**

**Biology:** All Biology Courses numbered  $\geq$  BIOL 1210, **EXCEPT** BIOL 1970, 2870, 3080, 3670, 4080, 5313, 5401, 5900

**Chemistry:** All Chemistry Courses numbered  $\geq$  1210 **EXCEPT** 2300 and 2308.

**Math:** MATH 1070, all Math Courses numbered  $\geq$  1170 **EXCEPT** 1900, 4090, 4095, and 4190.

**Physics:** PHYS 1050, 1060, 1095; All Physics Courses numbered  $\geq$  2010 **EXCEPT** 3160.

**Summary of the Requirements and Restrictions:**

A maximum of **6 CR of 2000-level** BIOL courses may count towards

**12 Credits of UPPER DIVISION BIOLOGY**, incl TWO 5000-level courses are required. **The 5XXX level electives must be worth at least 2 credits.**

**FOUR BIOLOGY LABS** totaling **5 LAB UNITS** are required.

A maximum of 3 CR of BIOL 5312-5316 apply towards reqd 36 CR BIOL (additional CR can be applied to Science electives).

AT LEAST 21 CR BIOLOGY must be from the BIOLOGY DEPARTMENT (including 2 labs with 3 LAB UNITS). Students may transfer in up to two transfer Biology labs.

**The following CANNOT be counted as BIOLOGY or SCIENCE Electives:**

BIOL 1006, 1010, 1030, 1210, 1330, 1400, 1410, 1960, 1970, 2870, 3050, 3080, 3670, 3900, 4080, 5313, 5401, and 5900.

**The following courses CANNOT be counted as BIOL 5XXX electives:**

**Note:** They can still count towards Upper Division Biology Elective Credits BIOL 5312, 5314, 5316, 5318, and 5710.