

# Biology (BIOLOGY)

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## Courses

### BIOLOGY 1A General Biology Lecture 3 Units

Terms offered: Fall 2025, Summer 2025 8 Week Session, Spring 2025  
General introduction to cell structure and function, molecular and organismal genetics, animal development, form and function. Intended for biological sciences majors, but open to all qualified students.

#### Rules & Requirements

**Prerequisites:** CHEM 1A with minimum grades of C-; or CHEM 4A with minimum grade of C-; or AP Chem with minimum score of 4; or Chem HL IB with minimum score of 5; or GCE A-Level Chem with minimum grade of C. **Corequisite:** BIOLOGY 1AL (co-requirements enforced when BIO 1AL is offered). **Recommended:** CHEM 3A or CHEM 12A with minimum grade of C-. BIOLOGY 1B may be taken before BIOLOGY 1A

#### Hours & Format

**Fall and/or spring:** 15 weeks - 3 hours of lecture and 1 hour of discussion per week

**Summer:** 8 weeks - 6 hours of lecture and 2 hours of discussion per week

#### Additional Details

**Subject/Course Level:** Biology/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

### BIOLOGY 1AL General Biology Laboratory 2 Units

Terms offered: Fall 2025, Summer 2025 8 Week Session, Spring 2025  
Laboratory that accompanies 1A lecture course. Intended for biological science majors, but open to all qualified students.

#### Rules & Requirements

**Prerequisites:** Prerequisite: CHEM 1A with minimum grades of C-; or CHEM 4A with minimum grade of C-; or AP Chem with minimum score of 4; or Chem HL IB with minimum score of 5; or GCE A-Level Chem with minimum grade of C. **Corequisite:** BIOLOGY 1A. **Recommended:** CHEM 3A or CHEM 12A with minimum grade of C-

#### Hours & Format

**Fall and/or spring:** 15 weeks - 1.5 hours of lecture and 3 hours of laboratory per week

**Summer:** 8 weeks - 3 hours of lecture and 6 hours of laboratory per week

#### Additional Details

**Subject/Course Level:** Biology/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam not required.

### BIOLOGY 1B General Biology Lecture and Laboratory 4 Units

Terms offered: Fall 2025, Summer 2025 8 Week Session, Spring 2025  
General introduction to plant development, form, and function; population genetics, ecology, and evolution. Intended for students majoring in the biological sciences, but open to all qualified students. Students must take both Biology 1A and 1B to complete the sequence. Sponsored by Integrative Biology.

#### Hours & Format

**Fall and/or spring:** 15 weeks - 3 hours of lecture and 3 hours of laboratory per week

**Summer:** 8 weeks - 6 hours of lecture and 6 hours of laboratory per week

#### Additional Details

**Subject/Course Level:** Biology/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.