

The courses listed below are suggestions to help students explore their personal, major, and/or career interests. Please consult with an academic counselor for information about major, general education (GE), degree, and transfer credits and requirements as well as credit limitations:

<https://www.elcamino.edu/student/studentservices/counseling/appointments.aspx>

Course descriptions can be found at <http://catalog.elcamino.edu/content.php?catoid=6&navoid=293>

\* - Courses have prerequisite requirements that need to be completed prior to registering into the course. Please refer to the ECC catalog at <http://catalog.elcamino.edu/> and/or an academic counselor for more information at

[https://www.elcamino.edu/student/studentservices/counseling/express\\_counseling.aspx](https://www.elcamino.edu/student/studentservices/counseling/express_counseling.aspx)

( ) - The terms that the course is offered if not offered in all terms/sessions. This information may be subject to change. Please check the class schedule for the most up to date information on class listing for a specific semester/term: <https://www.elcamino.edu/academics/schedule.aspx>

## Science, Technology, Engineering & Math (STEM)

**Astronomy 20-** The Solar System

**Astronomy 25-** Stars and Galaxies

**Biology 10-** Fundamentals of Biology

**Biology 11-** Fundamentals of Zoology (Fall)

**Biology 15-** Environmental Aspects of Biology (Fall, Winter, Spring)

**Biology 16-** Field Entomology (Spring)

**Biology 17-** Marine Biology (Spring)

**Biology 101\***[For STEM Majors]- Principles of Biology (Fall, Spring, Summer)

**Chemistry 1A\* and 1B\*** [For STEM Majors]- General Chemistry (Fall, Spring, Summer)

**Chemistry 4\***- Beginning Chemistry

**Chemistry 20\***- Fundamentals of Chemistry

**Chemistry 21A\***- Survey of General and Organic Chemistry (Fall, Spring, Summer)

**Computer Science 7-** The Beauty of Computer Science Principles (Fall, Spring)

**Computer Science 8:** Foundations of Data Science (Fall, Spring)

**Engineering 1-** Intro to Engineering (Fall, Winter, Spring)

**Geography 1-** Physical Geography

**Geography 2-** Cultural Geography (Fall, Spring)

**Geography 5-** World Regional Geography (Fall, Winter, Spring)

**Geography 7-** Geography of California (Spring)

**Geography 9-** Weather and Climate (Fall, Spring)

**Geology 1-** Physical Geology

**Geology 2-** History of Planet Earth (Fall)

**Geology 6-** Earth Science in Education (Spring)

**Geology 7-** Environmental Science I (Spring)

**Geology 15-** Natural Disasters (Spring)

**Math 115\***- Probability and Statistics for Prospective Elementary School Teachers (Fall)

**Math 116\***- Geometry and Measurement for Prospective Elementary School Teachers (Spring)

**Math 120\***- Liberal Arts Mathematics

**Math 140\***- Finite Mathematics for Business and Social Sciences (Fall, Spring)

**Math 150\***- Elementary Statistics with Probability

**Math 165\***- Calculus for Business and Social Sciences

**Math 190\* and 191\*** [For STEM Majors]- Single Variable Calculus and Analytic Geometry

**Physical Science 25-** Exploring Physical Sciences (Fall)

**Physics 1A\***- Mechanics of Solids (Fall, Spring, Summer)

**Physics 2A\***- General Physics

**Physics 3A\***- General Physics with Calculus (Fall, Spring)

**Physics 11-** Descriptive Introduction to Physics (Fall, Spring, Summer)