STEM
Academic & Career Pathway

This First Semester Map is a suggested start for students interested in majors within the STEM Academic & Career Pathway (ACP). This suggested initial coursework will guide you **through the first semester** as you explore specific major requirements and solidify your educational goal. Depending on your exact major and long-term goals, your course plan may vary. Visit department web pages for more program information and preview degree maps. A part of your path to success is meeting with a Counselor to develop your own personalized, Comprehensive Education Plan (CEP).

Questions? See a Counselor for certificate, Associate degree, university transfer requirements, and more! www.cuyamaca.edu/counseling

STEM ACP - First Semester Map

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ENGL 120 (3 units)	
MATH 180 (or higher with AP CALC credit) (5 units)	• **Choose from this list to get on the right path.**
ENGR 100 (4 units)	
CHEM 120 (4 units) or CHEM 141 (5 units)	
STEM 101 (.5 units) + COUN 101 (.5 units)	• **Full-time students take a minimum of 12 units.**
GENERAL EDUCATION (3 units): IGETC GE: Areas 1C or 3A or 3B or 7	

Disciplines within this pathway: ASTR - Astronomy, BIO - Biological Sciences, CHEM - Chemistry, Earth Science, ENGR - Engineering, MATH - Mathematics, PHYC - Physics

General Education (GE) patterns can be found here.

Learn more about ACPs! Academic & Career Pathways

Careers you can explore...

Embark on a transformative journey within Cuyamaca College's STEM program, with majors such as Astronomy, Biology, Chemistry, Physics, Math, Engineering, and Earth Science. This ACP prepares students for influential careers, including roles as Data Scientists, Environmental Analysts, Civil Engineers, Renewable Energy Engineers, Biotechnologists, and Computational Scientists. Our program nurtures individuals to excel in various STEM fields. We are dedicated to preparing you for impactful roles through a comprehensive and exciting approach to education.

Explore the career possibilities that exist for your major & ACP by visiting our page on What Can I Do With This Major?

Find jobs and internships through our student job board Handshake

Connect with a counselor for **YOUR** plan!

CUYAMACA COLLEGE