



The **School of Science and Mathematics** includes programs that scientifically study ourselves and the physical world to help us produce medicines, buildings, and other technologies that improve our lives. Programs include biological sciences, geography, and physics, among others.

Choose courses using the list and tables below until you find a major. Then work with a counselor to switch to a Program Coursework Roadmap.

	COURSE	TERM	
1. Take COLSK 100 -and- GUIDE 111 -or- GUIDE 120.	COLSK 100 -and- GUIDE 111 -or- GUIDE 120		Name <input type="text"/>
2. Pick one course from the list of INTRODUCTION TO MAJORS/PROGRAM COURSES.	_____		Date <input type="text"/>
3. Take highest Math placement from MATH COURSE SEQUENCE.	_____		Counselor/Advisor <input type="text"/>
4. Take ENGL 100 -or- ENGL 101.	ENGL 100 -or- ENGL 101		Contact Information <input type="text"/>
5. Pick one course from the list of GENERAL EDUCATION OPTIONS.	_____		
6. Pick one course from the list of INTRODUCTION TO MAJORS/PROGRAM COURSES.	_____ _____		
7. Take the next course in the MATH COURSE SEQUENCE.	_____		
8. Take ENGL 103.	ENGL 103		
9. Pick one course from the list of GENERAL EDUCATION OPTIONS.	_____		

For more information, you can make an appointment with a Modesto Junior College counselor to start exploring the schools and possible majors.



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INTRODUCTION TO MAJOR/PROGRAM COURSES

MAJOR/PROGRAM	COURSE #	COURSE TITLE
Anthropology	ANTHR 101	Biological Anthropology
	-with- ANTHR 105	Biological Anthropology Lab
Biology	BIO 101*	Biological Principles (required for the major)
	-or- BIO 111	General Biology
	-or- BIO 116	Biology: A Human Perspective
Chemistry	CHEM 142	Pre-General Chemistry
	-or- CHEM 101**	General Chemistry
Computer Science	CSCI 270	Introduction to Programming
	CSCI 271***	Problem Solving and Programming 1
Geography	GEOG 101	Physical Geography
	-with- GEOG 111	Physical Geography Lab
Geology	GEOL 161	Physical Geology
Mathematics and Physics	Begin the MATH COURSE SEQUENCE and see a counselor for a program map.	

*Prerequisite: Satisfactory completion of CHEM 101.

**Prerequisites: Satisfactory completion of MATH 90.

***Prerequisites: Satisfactory completion of CSCI 270.

These are recommendations from area faculty. Alternative selections can be made using MJC's general education lists in the catalog. Please see your counselor for assistance in choosing alternate courses.

GENERAL EDUCATION OPTIONS

COURSE #	COURSE TITLE	CSU GE	IGETC
ANTHR 102	Cultural Anthropology	D	4
COM 100	Fundamentals of Public Speaking	A1	1C
ECON 101	Principles of Macroeconomics	D	4
HIST 101	History of the United States to 1877	D	4*
-or- HIST 102	History of the United States since 1877	D	4*
PHILO 111		C2	3B

*This course also meets additional CSU GE Area D & US Constitution Areas A & C requirements.

MATH COURSE SEQUENCE

COURSE #	COURSE TITLE	CSU GE	IGETC
MATH 111	College Algebra (may need MATH 33)		
MATH 161	Trigonometry		
MATH 162	Precalculus		
MATH 171 & 181	Calculus: First Course & Problem Solving for Calculus 1		
MATH 172 & 182	Calculus: Second Course & Problem Solving for Calculus 2		
MATH 173 & 183	Calculus: Third Course & Problem Solving for Calculus 3		
MATH 191	Linear Algebra		
MATH 193	Ordinary Differential Equations		

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