

School of Science & Mathematics

Anthropology

Anthropology (AAT)

Astronomy

Biological Sciences

Anatomy/Physiology/Microbiology

Biological Sciences (AS/UPE)

Botany/Zoology

Chemistry

Chemistry (AS/AST/UPE)

Computer Science

Computer Science (AS/AST)

Earth Science

Earth Science (AS/ UPE)

Meteorology

Geography

Geography (AAT)

General Studies

Emphasis in Natural Science (AA)

Emphasis in Language and Rationality (AA)

Geology

Geology (AST)

Mathematics

Mathematics (AST)

Proficiency in Arithmetic (CC1)

Proficiency in Pre-Algebra (CC1)

Physics

Physics (AST)

Physical Sciences

School of Science & Mathematics

Flexible 1st Fifteen Units

Instructions:

1. Take COLSK 100 & GUIDE 111 or take GUIDE 120
2. Pick one course from the list of Introduction to Majors/Programs Courses.
3. Take highest Math placement.
4. Take ENGL 100 or 101.
5. Pick one course from the list of General Education Options.
6. Pick one course from the list of Introduction to Majors/Programs Courses.
7. Take the next course in the Math sequence.
8. Take ENGL 103.
9. Pick one course from the list of General Education Options from a different area of GE.

Course Selections:

	Units	Term
1. COLSK 100 & GUIDE 111 or GUIDE 120	_____	_____
2. _____ <small>majors/programs selection</small>	_____	_____
3. _____ <small>Math course selection</small>	_____	_____
4. ENGL 100 or 101	<u>3 or 5</u>	_____
5. _____ <small>general education selection</small>	<u>3</u>	_____
6. _____ <small>majors/programs selection</small>	_____	_____
7. _____ <small>Math course selection</small>	_____	_____
8. ENGL 103	<u>3</u>	_____
9. _____ <small>general education selection</small>	<u>3</u>	_____

Introduction to Major/Program Courses

Major/Program	Course #	Course Title
Anthropology	ANTHR 101 & 105	Biological Anthropology & Biological Anthropology Laboratory
Biology	BIO 101* BIO 111 BIO 116	Biological Principles (required for the major) -or- General Biology -or- Biology: A Human Perspective
Chemistry	CHEM 142 CHEM 101**	Pre-General Chemistry -or- General Chemistry
Computer Science	CSCI 270 CSCI 271***	Introduction to Programming Problem Solving and Programming 1
Geography	GEOG 101 & 111	Physical Geography & Physical Geography, Lab
Geology	GEOL 161	Physical Geology
Mathematics and Physics		Begin the Math 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.

LEGEND - WORK IN PROGRESS

General Education Options

Course #	Course Title	GE Area(s)
ANTHR 102	Cultural Anthropology	CSU GE: D / IGETC 4
COMM 100	Fundamentals of Public Speaking	CSU GE: A1 / IGETC 1C
ECON 101	Principles of Macroeconomics	CSU GE: D / IGETC: 4
HIST 101 HIST 102	History of the United States to 1877 -or- History of the United States Since 1865	CSU GE: D / IGETC: 4* CSU GE: D / IGETC: 4*
PHILO 111	Ethics: Theory & Application	CSU GE: C2 / IGETC: 3B

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

Math Course Sequence

Course #	Course Title
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