

COURSE SEQUENCE MAP

MATHEMATICS AS-T

Suggested course sequence for full-time student

	Course # and Title	Pre/Co-req	Units	IGETC	CSU	Semester Offered
Semester 1	ENGL 122 – Freshman English	Placement or pre-req	3	1A	A2	FA, SP, SU
	MATH 192 – Analytic Geometry and Calculus I	MATH 191	5	2	B4	FA, SP, SU
	Arts		3	3A	C1	
	Social Sciences		3	4	D	
	Total		14			
Semester 2	MATH 193 – Analytic Geometry and Calculus II	MATH 192	5	2	B4	FA, SP, SU
	Critical Thinking		3	1B	A3	
	Humanities		3	3B	C2	
	Social Science		3	4	D	
	Life Science with Lab		4	5B+5C	B2+B3	
	Total		18			
Semester 3	MATH 292 – Analytic Geometry and Calculus III	MATH 193	5	2	B4	
	MATH 142 or 195	MATH 120	4	2	B4	
	PHYS 129 – Introduction to Physics for Engineers Not required: may recommend depending on 4yr school	Co or pre: MATH 192	4	5A	B1	
	Oral Communication		3	1C	A1	
	Total		16			
Semester 4	MATH 194 or MATH 294	MATH 193	3-5	2	B4	FA, SU, SP
	Arts or Humanities		3	3A or 3B	C1 or C2	
	CSU requires Life Long Learning elective		3		E	
	Electives to get to 60 transferable units		varies			
	Program Total		60			

There are 3 General Education patterns available and this map shows the two transfer patterns which require 60 transferable units. Consult with a Counselor to see which pattern is best for you and for specific recommendations about courses that will best meet your educational goals, particularly related to transfer requirements. Not all courses on the map are offered every term. Consult the Catalog and the Schedule of Classes for more details.