

This program roadmap represents one possible pathway to complete the program. **Please see a counselor** to create an education plan that is customized to meet your needs. This roadmap is not a guarantee of course availability or financial aid applicability. For counseling appointments call 916.608.6510.

FIRST YEAR

Semester 1:

15 units

CAT.	COURSE	TITLE	UNITS	GE AREA
Req	CISC 310	Introduction to CIS	3	III(b)
Req	CISP 300	Algorithm Design/Problem Solving	3	
GE	ENGWR 300	College Composition	3	II(a)
GE		Physical Education Activity	1	III(a)
Req	MATH 400*	Calculus I	5	II(b)

Semester 2:

15 units

Req	CISP 360*	Introduction to Structured Programming	4	
GE		Humanities	3	I
GE		Natural Science	3	IV
GE		American Institutions	3	V(a)
Elec		Degree Applicable Elective	3	

*This course has a prerequisite or corequisite course.

Notes:

- See FLC [AA/AS](#) General Education requirements.
- A degree applicable elective is defined as any class with a course number between 100 and 499.
- Some English and Math courses have support courses (co-requisites). See your assessment results for more details.

EXPLANATION OF CATEGORIES

Req	Required Core	A course that is required for this degree
GE	General Education	A course that fulfills a specific general education requirement for this degree, which can be replaced with another course that meets the same requirement
Elec	Elective	A degree-applicable course that is part of a degree roadmap to ensure that there is a total of at least 60 units, which is a requirement for an associate degree

SECOND YEAR

Semester 3:

14 units

CAT.	COURSE	TITLE	GE AREA
Req	CISP 400*	Object Oriented Programming with C++	4
Req	CISP 440*	Discrete Structures for Computer Science	3
GE		Ethnic/Multicultural Studies	3 VI
Elec		Degree Applicable Elective	4

Semester 4:

15-16 units

Req	CISP 430*	Data Structures	4
Req	CISP 310* or ENGR 303	Assembly Language Programming for Micro-computers or Introduction to Logic Design	3-4
GE		Social/Behavioral Science	3 V(b)
Elec		Degree Applicable Elective	5

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