

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:

14 units

CAT.	COURSE	TITLE		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		Social/Behavioral Science	3	V(b)
Elec		Degree Applicable Elective	2	

Semester 2:

16 units

Req	CISP 360*	Introduction to Structured Programming	4	
Req	BUS 310 or CISC 326 or CISP 351 or COMM 341	Business Communication or Linux Systems or Intro to Relational DataBase Design/SQL or Organizational Communication	3	
Req	STAT 300 or SEE LIST	Introduction to Probability and Statistics or See List Below	4	II(b)
GE		Humanities	3	I
Elec		Degree Applicable Elective	2	

* This course has a prerequisite or corequisite course.

Math List:

A minimum of 4 units from the following:

- MATH 341: Calculus for Business and Economics (4 units)
- MATH 343: Modern Business Mathematics (4 units)
- MATH 400: Calculus I (5 units)

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:

15 units

CAT.	COURSE	TITLE	GE AREA
Req	CISN 304	Networking Technologies	3
Req	BUS 310 or CISC 326 or CISP 351 or COMM 341	Business Communication or Linux Systems or Intro to Relational DataBase Design/SQL or Organizational Communication	3
GE		Ethnic/Multicultural Studies	3 VI
GE		Natural Science	3 IV
Elec		Degree Applicable Elective	3

Semester 4:

15 units

Req	CISS 310*	Network Security Fundamentals	3
GE		American Institutions	3 V(a)
GE		Physical Education Activity	1 III(a)
Elec		Degree Applicable Elective	4
Elec		Degree Applicable Elective	4

* 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