

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.

Total Units: 60-61

## First Year

### Semester 1

15 Units

COURSE	UNITS	PRE-REQS <sup>^</sup>	SEMESTERS OFFERED*	GE AREA
<b>CISC 310</b> Introduction to Computer Information Science	3		F, S	
<b>CISP 300</b> Algorithm Design/Problem Solving	3		F, S	
<b>ENGL C1000</b> <sup>Z</sup> Academic Reading and Writing <b>or</b>	3		F, S	1A
<b>ENGL C1000H</b> Academic Reading and Writing - Honors	3		F, S	1A
<b>COMM C1000</b> <sup>Z</sup> Introduction to Public Speaking	3		F, S	1C
<b>Arts</b>	3		F, S	3A

<sup>Z</sup> At least one section of this course is offered with free textbooks and is labeled as zero textbook costs (ZTC). If it is a GE area class or elective, there may be several ZTC offerings to fulfill the GE requirement. Use the Free Textbook filter to find these courses. Learn more on the [ZTC page of the college website](#).

### Semester 2

15-16 Units

COURSE	UNITS	PRE-REQS <sup>^</sup>	SEMESTERS OFFERED*	GE AREA
<b>CISP 360</b> Introduction to Structured Programming	4	CISP 300	F, S	

### Notes

- See [General Education requirements](#) for: CSU or UC
- See [ASSIST.ORG](#) for the transfer requirements for the institution to which you plan to transfer.
- A transferable elective is defined as any class with a course number between 300 and 499. Electives may vary for the CSU and UC systems.
- U.S. History/American Ideals is a graduation requirement for all CSUs.
- Foreign Language may be required for CSU Sacramento IF student did not complete 3 years in high school. This requirement may vary at different colleges.
- Some English and Math courses have support courses (co-requisites). See your assessment results for more details.
- Students may earn credit for College Entrance Board Advanced Placement (AP) tests with scores of 3, 4, or 5. AP scores can be used to meet Folsom Lake College associate degree general education, CSU, UC, and other 4 year University requirements --Check with your counselor to determine whether these test

COURSE	UNITS	PRE-REQS <sup>^</sup>	SEMESTERS OFFERED*	GE AREA
<b>BUS 310</b> <b>Z</b> Business Communications <b>or</b>	3		F, S	
<b>BUS 300</b> <b>Z</b> Introduction to Business <b>or</b>	3		F, S	
<b>CISP 407</b> Programming in Python	4			
<b>STAT C1000</b> <b>Z</b> Introduction to Statistics <b>or</b>	4		F, S	2
<b>See List</b>	3-4		F, S	
<b>Humanities</b> <b>Z</b>	3		F, S	3B
<b>Degree Applicable Elective</b>	2-1		F, S	

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**Math List:**

MATH 341: Calculus for Business and Economics (4 units)

MATH400Calculus I (5)

results will be accepted at the transfer institution of your choice.

**Zero Textbook Costs (ZTC):**

The Zero Textbook Costs designation and logo are added to any course that provides free access to all required instructional materials. These are typically shared with students through Canvas. Courses that are designated as ZTC may still require students to purchase supplemental materials such as lab coats, a calculator, art supplies, etc. See full definitions and searching tips on the [Zero Textbook Costs page](#) of the college website.

## Second Year

**Semester 3**

**15 Units**

COURSE	UNITS	PRE-REQS <sup>^</sup>	SEMESTERS OFFERED*	GE AREA
<b>CISN 304</b> Networking Technologies	3		F, S	
<b>Biological Science</b> <b>Z</b>	3		F, S	5B
<b>POLS C1000</b> <b>Z</b> American Government and Politics	3		F, S	4
<b>Critical Thinking and Composition</b> <b>Z</b>	3	Engl C1000 or C1000H	F, S	1B
<b>Degree Applicable Elective</b>	3		F, S	

**Z** At least one section of this course is offered with free textbooks and is labeled as zero textbook costs (ZTC). If it is a GE area class or elective, there may be several ZTC offerings to fulfill the GE requirement. Use the Free Textbook filter to find these courses. Learn more on the [ZTC page of the college website](#).

#### Semester 4

15 Units

COURSE	UNITS	PRE-REQS <sup>^</sup>	SEMESTERS OFFERED*	GE AREA
<b>CISS 310</b> Network Security Fundamentals	3		F, S	
<b>Science Laboratory (see note below)<sup>1</sup></b> <b>Z</b>	3		F, S	5C
<b>Physical Science</b> <b>Z</b>	3		F, S	5A
<b>HIST 310</b> <b>Z</b> History of the United States (To 1877) <b>or</b>	3		F, S	4
<b>HIST 311</b> <b>Z</b> History of the United States (1865 - Present) <b>or</b>	3		F, S	4
<b>HIST 331</b> Women in American History	3		F, S	4
<b>Ethnic Studies</b> <b>Z</b>	3		F, S	6

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<sup>1</sup> Science Laboratory must correspond with science lecture course