

## Graduation Roadmaps

Graduation roadmaps are suggested academic plans designed to inform students about the sequence of courses needed to satisfy degree requirements. The roadmaps adhere strictly to the prerequisites and scheduling patterns of the courses.

### Plan 1: Freshman Roadmaps

This roadmap is described for students who enter Cal State LA directly from high school as freshman. It assumes that the freshmen students are ready to take MATH 2100 and ENGL 1010 and do not need to take any remedial mathematics or English courses. This ideal roadmap provides a pathway for students to complete their undergraduate requirements in four years.

YEAR 1	SUMMER	FALL	SPRING
		MATH 2100	MATH 2200
		ENGL 1010	HIST 2020
		COMM1500	POLS 1500
		GE B2/B3	CS 1222
		CS 1010	CS 2011

YEAR 2	SUMMER	FALL	SPRING
		MATH Elective	GE D1
		MATH 2550	ENGL 2030
		PHYS 2100	PHYS 2200
		CS 2012	CS 2013
	GE C1	CS 2148	

YEAR 3	SUMMER	FALL	SPRING
		CS 3035	CS 3186
		CS 3112	CS 3660
		CS 3220	CS 3801
		CS 3337	CS 4440
	EE 3445	CS Elective	

YEAR 4	SUMMER	FALL	SPRING
		CS 4961	CS 4962
		CS Elective	CS 4963
		CS Elective	CS Elective
		GE UD C	CS Elective
		GE UD D	

### Plan 2: Roadmaps for Students Requiring Remedial Math and English

This roadmap is for freshmen students who need remedial MATH/ENGL. It is described for students who enter Cal State LA directly from high school as freshman and are placed into remedial mathematics and/or English courses. It indicates that the students should be able to complete all the remedial courses in a year along with some of the other major requirements indicated earlier. Students will then continue on and revise the roadmap in consultation with the advisor.

YEAR 1	SUMMER	FALL	SPRING
		MATH 0930	MATH 1040
		CS 1010	CS 1090
		CS 1090	CS 1200
		ENGL	ENGL
		GE	GE

### Plan 3: Roadmap for Transfer Students

This roadmap is for students who transfer to Cal State LA directly from another institute of higher education. The plan assumes that the students have entered Cal State LA with completion of all lower division GE requirements and all lower division required math, computer science and physics PHYS courses.

This ideal roadmap provides a pathway for students to complete their remaining undergraduate requirements in two years following the Year 3 & Year 4 plan outlined in Plan 1.

#### Plan 4: Individualized Roadmap

It is a fact that every student's situation is unique. Therefore, the roadmaps described above should be used as guides. Note the following two characteristics described in the roadmap plans above:

- The roadmaps describe the suggested plan of study (by year and semester term) for students assuming that a student plans for the regular fall, winter and spring quarters. These roadmaps do not include courses during the summer sessions. This leaves the option for students to take classes during the summer session to finish earlier or to reduce the number of units per semester.
- The roadmaps are designed for individuals who are devoting full-time to their studies and thus taking a full load of 12 to 15 units per semester.

It is essential that every student should see a faculty academic advisor and complete an individualized roadmap. This should be updated if any situation changes down the road.

The blank roadmap on the next page can be printed and completed either by hand, or filled in using a computer and printed.

**CSULA — COMPUTER SCIENCE COURSE ROADMAP**

**Date:**

**Student:**

	SUMMER	FALL	SPRING
<b>YEAR 1</b>			
<b>YEAR 2</b>			
<b>YEAR 3</b>			
<b>YEAR 4</b>			
<b>YEAR 5</b>			
<b>YEAR 6</b>			