

TWO YEAR ROADMAP FOR **MICROBIOLOGY** TRANSFER STUDENTS (GE CERTIFIED)

Total Units in Major 67

		<b>FALL</b>		<b>SPRING</b>	
		<i>Course</i>	<i>Units</i>	<i>Course</i>	<i>Units</i>
<b>YEAR 1</b> <i>AY Units: 33</i>		BIOL 3000	3	BIOL 3200	3
		MICR 3100	4	MICR ELECTIVE	3
		CHEM 2200	4	CHEM 3200	4
		CHEM 2201	1	PHYS 1200	4
		PHYS 1100	4	UD GE SOCS	3
		<i>Semester Total</i>	<i>16</i>	<i>Semester Total</i>	<i>17</i>
<b>YEAR 2</b> <i>AY Units: 34</i>		MICR 3300	3	MICR 3500	3
		MICR 3700	4	MICR 3900	3
		MICR ELECTIVES	6	MICR ELECTIVES	6
		CHEM 4300 OR 4310	3	UD GE HUM	3
				UD GE SOCS	3
		<i>Semester Total</i>	<i>16</i>	<i>Semester Total</i>	<i>18</i>

**ASSUMPTIONS OF THIS PLAN:**

- Students have entered CSULA with COMPLETE Lower Division GE Certification (which can occur only for California Community College transfers).
- Students have completed one year of general biology required for biological sciences majors (with labs) with grades of C or better.
- Students have completed one year of general chemistry (with labs), required for science majors.
- Students have completed a semester of calculus. If you have not completed calculus, see an advisor or consult the biology undergraduate advisement webpage to choose the appropriate math course [depends on which math courses you completed at community college].
- For MICR ELECTIVES: 8 units must be MICR courses; the additional 7 units can be MICR or non-MICR approved courses.

**UNIT REQUIREMENTS FOR GRADUATION:**

- The University requires all students to complete 36 units of coursework in residence at Cal State L.A. to receive the degree (12 units must be in GE; 12 units must be in the major; 24 units must be upper division courses = 3000- or 4000-level).
- You must complete a MINIMUM total of 120 units to receive a Bachelor of Science degree in Biology and ONLY 70 units can be taken at a community college and applied to the 120 units.