

MICROBIOLOGY, B.S. (CAL S)

THREE-YEAR PLAN

This sample three-year plan is a tool to assist students and their advisor(s). Students should use it –along with their DARS report, the Degree Planner, and Course Search & Enroll tools – to make their own three-year plan based on their placement scores, credit for transferred courses and approved examinations, and individual interests.

Three-year plans may vary considerably from student to student, depending on their individual preparation and circumstances. Students interested in graduating in three years should meet with an academic advisor early and often to discuss feasibility, appropriate course sequencing, post-graduation plans (careers, graduate school, etc.), and considerations they might make in pursuit of a three-year graduation plan.

While there are many advantages to attending four years of college, including making the most of research and study abroad opportunities, exploring alternative majors, completing additional majors and certificates, developing skills and interests through student groups, and personal growth, students may have reasons for wishing to graduate in fewer than four years.

The example plan assumes that students will:

- enter their freshman year with 20 advanced standing credits, including equivalency credit for MATH 221
- declare their major freshman year
- take two summer terms
- enroll in at least 15-16 credits in the fall/spring semesters

Code	Title	Credits
Courses taken the summer before arriving on campus		
INTER-AG 140	CALS QuickStart: Foundations	1
INTER-AG 141	QuickStart: Connect2Campus	1
<i>Total Credits:</i>		2

First Year

Fall	Credits	Spring	Credits	Summer	Credits	Total
CHEM 103	4	CHEM 104	5	MICROBIO 303	3	3
Comm A Requirement	3	BIOLOGY/ BOTANY/ ZOOLOGY 151	5	MICROBIO 304	2	2
STAT 371 or 301	3	Elective	3			3
Humanities breadth	3	Humanities breadth	3			3
Social Science breadth	3					3
		16	16			5

Second Year

Fall	Credits	Spring	Credits
CHEM 343	3	CHEM 345	3

BIOLOGY/ BOTANY/ ZOOLOGY 152	5	CHEM 344	2
MICROBIO 470	3	BIOCHEM 501	3
International Studies CALS requirement	3	MICROBIO 305	1
Elective	2	Elective ²	3
		Ethnic Studies	3
		16	15

Third Year

Fall	Credits	Spring	Credits
MICROBIO 527	2	MICROBIO 551	2
MICROBIO 450	3	MICROBIO 526	3
PHYSICS 103 or 207	4-5	PHYSICS 104 or 208	4-5
Major Elective	3	Major Elective	3
Elective ²	3	Elective ²	3
		15-16	15-16

Total Credits 98-100

Students must earn **120 total credits** to graduate, including accepted advanced standing or transfer credits. The above charts reflect 100-102 total credits from six fall/spring semesters and two summer terms, including courses taken in the summer before the first year.

1

The Microbiology major recommends QuickStart (INTER-AG 140 and INTER-AG 141) for the First-Year Seminar requirement. However, this requirement can be fulfilled through courses offered in Fall and Spring semester of the first year.

2

The Microbiology major encourages students with an interest in research to work with faculty through Independent Research courses as electives.