

**Sample 4-Year Plans for  
B.S. Degree in Molecular and Medical Microbiology**

**Sample 4-Year Plan**

This is just one example of a schedule of coursework that will allow students to complete the degree in four years. There are many other possibilities; in addition, course offerings are subject to change and the suggested courses may not be available as listed. Students should work with their BASC advisor during the Mandatory Advising period to come up with an individual plan that suits their needs and interests.

To complete the course of study in four years, it will be necessary to take 2-3 science/math courses simultaneously during several quarters. As shown in the sample, we recommend that first years start with BIS2B and CHE 2A in the Fall Quarter. Students that do well may try to add a third science or math class in Winter Quarter; MAT 17A is recommended because it is a prerequisite for other preparatory and upper division coursework required for the BIS major, but be aware of the increased workload associated with taking three science/math courses. Students that are not able to handle three science/math courses in Winter Quarter should return to a lighter load, but realize that they may need to use summer sessions to complete the degree in four years. Summer session courses are limited and so meeting with a BASC advisor to evaluate revised study plans is strongly recommended.

	Fall	Winter	Spring
<b>Year 1</b>	BIS 2B 5	BIS 2A 5	BIS 2D 3
	CHE 2A 5	CHE 2B 5	CHE 2C 5
	GE/Electives 1	GE/ Lower Div EC 4	MIC 91 1
	BIS 5 4	FRS 1	GE/Electives 6
	15	15	15
<b>Year 2</b>	CHE 118A 4	CHE 118B 4	CHE 118C 4
	MAT 17A 4	MAT 17B 4	MAT 17C 4
	BIS 2C 5	MIC 102 3	GE/ Electives 6-7
	GE/Electives 3	GE/Electives 4	
	16	15	14-15
<b>Year 3</b>	MIC 104L 3	BIS 101 4	Immunology 3
	STA 100 4	BIS 101D 1	MMM RE 4
	PHY 7A 4	PHY 7B 4	PHY 7C 4
	Electives 4	Electives 6	Upper Div EC 4
	15	15	15
<b>Year 4</b>	BIS 105 3	MIC 105 3	Virology 3
	MIC 111 3	MIC 105L 3	MIC 170 3
	MMM RE 3	MMM RE 3	MMM RE 3
	Electives 6	Electives 6	Elective 6
	15	15	15

EC = College English Composition Requirement (lower & upper division); GE = General Education (see an adviser for categories covered by major courses); FRS = First-year Seminar; RE = Restricted Elective for the major