

## Example Study Plan for the Biology Degree with the Cellular/Molecular Emphasis

FALL SEMESTER			SPRING SEMESTER		
Department	Course Number	Credits	Department	Course Number	Credits
BIOL	1610	4	BIOL	1620	4
CHEM	1210	4	CHEM	1220	4
CHEM	1215	1	CHEM	1225	1
Univ. Studies <sup>1</sup>	or MATH <sup>2</sup>	6	Univ. Studies <sup>1</sup>	or MATH <sup>2</sup>	6
	TOTAL	15		TOTAL	15

FALL SEMESTER			SPRING SEMESTER		
Department	Course Number	Credits	Department	Course Number	Credits
BIOL	2220 or 3060	3-4	BIOL	2220 or 3060	3-4
CHEM	2310	4	CHEM	2320	4
CHEM	2315	1	CHEM	2325	1
MATH	1210	4	STAT	3000	3
Univ. Studies <sup>1</sup>	or elective courses	3-6	Univ. Studies <sup>1</sup>	or elective courses	4-6
	TOTAL	15-19		TOTAL	15-18

FALL SEMESTER			SPRING SEMESTER		
Department	Course Number	Credits	Department	Course Number	Credits
BIOL <sup>3</sup>	3300 or Biology Elec.	3-4	BIOL <sup>3</sup>	3300 or Biology Elec.	3-4
BIOL <sup>3</sup>	5250 or Biology Elec.	3	BIOL <sup>3</sup>	5250 or Biology Elec.	3
CHEM	5700	3	CHEM	5710	3
PHYS	2110 or 2210	4	CHEM	5720	2
Univ. Studies <sup>1</sup>	or elective courses	2-3	PHYS	2120 or 2220	4
	TOTAL	15-17		TOTAL	15-16

FALL SEMESTER			SPRING SEMESTER		
Department	Course Number	Credits	Department	Course Number	Credits
BIOL	5210	3	BIOL	5190	3
BIOL <sup>4,5</sup>	Physiol. with Lab. or Biotechnology Elective	3-5	BIOL	5230	3
BIOL <sup>3</sup>	Biology Elective	3	BIOL <sup>4,5</sup>	Physiol. with Lab. or Biotechnology Elective	3-5
Univ. Studies <sup>1</sup>	or elective courses	6	Univ. Studies <sup>1</sup>	or elective courses	6
	TOTAL	15-17		TOTAL	15-17

**Students must meet all University Requirements in order to graduate, for a complete list of the requirements see the General Catalog. Conflicts in class times may require the modification of this plan.**

<sup>1</sup> A minimum of 24 credits are needed to meet University Studies. This includes ENGL 1010 and 2010, breadth classes in the BAI, BCA, BHU and BSS categories, and depth classes in the DHA, DSS and CI categories. See the *General Catalog* or the Major Requirement Sheet for more details.

<sup>2</sup> MATH 0900, 1010, 1050, and 1060 may be required for those not prepared to begin MATH 1210.

<sup>3</sup> Students must select an additional 9 credits of 4000-level and above BIOL prefix courses as electives. BIOL 3300 may be used even though it is a 3000-level class. A maximum of 4 credits from BIOL 4250 (1-2 credits), BIOL 4710 (1 credit), BIOL 5800 (1-3 credits), or seminar courses (1-2 credits) may be used.

<sup>4</sup> Students may choose between BIOL 5260 (F), BIOL 5160 (Sp), or BIOL 5240 (Sp).

<sup>5</sup> Several options exist for completing the upper-division physiology requirement.