

RECOMMENDED COURSE SCHEDULE FOR BIOLOGY MAJORS (Biological Tools and Techniques Concentration)		
FALL	WINTER	SPRING
FIRST YEAR		
BIOL 1001 – Introductory Biology I	BIOL 1002 - Introductory Biology II	
CHEM 1050	CHEM 1051	
ENGL 1090	Critical Reading and Writing (CRW) Course*	
MATH 1090 (or 1000)	MATH 1000 (or general elective)	
PHYS 1020	PHYS 1021	
SECOND YEAR		
BIOL 2250 - Genetics	BIOL 2060 – Cell Biology	
BIOL 2600 - Ecology	BIOL 2900 - Evolution	
CHEM 2400	HUBI 2001	
General elective	STAT 2550	
General elective	General elective	
THIRD YEAR		
BIOL elective (3050 - Microbiology)	BIOL elective (2210 - Vertebrates)	
<i>BIOL elective (4605 – Quantitative Biology)</i>	<i>BIOL elective (4607 – Models in Biology)</i>	
General elective	General elective	
General elective	General elective	
General elective	General elective	
FOURTH YEAR		
<i>BIOL elective (3951 - Bioinformatics)</i>	<i>BIOL elective (4270 – History of Biology)</i>	
BIOL 3401**	<i>BIOL elective (4606 - Bioinformatics – Biological Data Analysis)</i>	
HUBI 2003	BIOL elective (4630 - Mammalogy)	
General elective	General elective	
General elective	General elective	

Please note that the above schedule is a template and can be modified on an individual basis.

* Students selecting a Biological Tools and Techniques concentration are required to complete 18 credit hours from the following courses: Biology 3050, 3709, 3950, 3951, 4270, 4360, 4405, 4605, 4606, 4607, 4710, 4770, 4810, 4820. Students are strongly encouraged to schedule a meeting with the Biology Academic Program Officer regarding BIOL elective selection to ensure the appropriate pre-requisites are completed in the correct order.

** Students must complete at least one core physiology course. Students may choose from BIOL 3401 (Animal Physiology), 3402 (Plant Physiology), or 4404 (Microbial Physiology). BIOL 3401 is *usually* offered in Fall semesters, while 3402 and 4404 are *usually* offered in Winter semesters.