BIOLOGY ELECTIVE CATEGORIES (revised Fall, 2018)

Students must complete a total of **24 elective credits** in Biology.

1. Take *at least* one course from each organization level (Population, Organismal, Cellular, Molecular)
2. Any other courses to add up to 24 (or more) total bio-elective credit hours (Spelman Biology electives are 4 credit courses unless otherwise indicated)

Organization Level	Course	Offered (typically)
Population	314 Environmental Biology	Spring
	325 Evolution in Action	Spring
	365 Animal Behavior	Spring
	488 Research in Urban Ecology*	Spring
Molecular	312 Genetics	
	313 From Mendel and Beyond	Spring
	320 Molecular Genomics and Proteomics*	Spring
	471 Cell and Molecular Biology	Fall
	475 Methods in Molecular Biology*	Fall
	489 Biological Chemistry	Spring
Organismal	317 Principles of Nutrition	Spring
	330 Parasitology	Fall
	356 Developmental Biology	Fall
	372 Neurobiology	Fall
	472 Mammalian Physiology	Spring
	211 Plant Biology	
Cellular	233 Microbiology	Fall
	328 Immunology	Spring
	330 Parasitology	Fall
	356 Developmental Biology	Fall
	471 Cell and Molecular Biology	Fall

Other Biology Electives	326 Biology in Context (2 credits)	Fall
	329 Nutrition and Cancer (2 credits)	
	332 Scientific Communication (2 credits)#	Fall and Spring
	394 Honors Research (3 credits)	Fall and Spring
	486 Signal Transduction (2 credits)	
	487 Undergraduate Research (2-4 credits)*	Fall and Spring
	Also: SAWOK Course (only one allowed): Examples: Epidemiology, Biostatistics see separate form for petitioning to have a SAWOK course count as 1 Biology elective	

The Biology major **requirement for a research experience can be satisfied by taking electives designated by an asterisk***. Additionally, research experiences (as obtained during summer research programs, for example) can be used to fulfill the requirement if they include a research presentation by the student at Research Day and/or at a scientific conference--see the department chair for approval. **#=Writing intensive course**.