

Biology Department, TCNJ
Learning Outcomes Map

Course #	Course Title	General Learning Outcomes						Program Learning Outcomes (Levels: I = Introductory, II = Intermediate, III = Advanced)												
								Domain I: Acquiring knowledge and skills				Domain II: Developing skills to conduct biological research				Domain III: Understanding the place of science in a broader context				
Courses for Non-majors/Support Courses																				
BIO 104	Inquiries in the Life Sciences	X	X				X	X												
BIO 141	Princ Human Anatomy and Physiology I	X	X					X												
BIO 142	Princ Human Anatomy and Physiology II	X	X						X											
BIO 144	Principles of Microbiology	X	X			X	X	X	X											
BIO 171	Human Form and Function	X	X					X	X											
BIO 173	Humanity and the Natural World	X	X					X	X	X										
Core Courses																				
BIO 099	Orientation to Biology								X	X								I	II	I
BIO 185	Themes in Biology	X	X	X	X	X	X	X		I	I	I		I	I	I	I	I	I	I
BIO 211	Biology of the Eukaryotic Cell	X	X	X		X				II			II				II	II	I	II
BIO 221	Ecology and Field Biology	X	X	X			X	X	X	II	I	II	II		II	I	II	II	I	II
BIO 231	Genetics	X	X	X	X	X	X	X	II	II	II	I	I	II	I	II	II	II	II	II
BIO 495/6	Ind. Res. In Biology Capstone	X	X	X	X	X	X	X	III	III	III	III	III	III	III	III	III	III	?	III
BIO 498	Biology Senior Seminar Capstone	X	X		X	X		X	III		III	III	III			III	III	III	III	III
Option Courses																				
BIO 301	Human Anatomy and Physiology I																			
BIO 302	Human Anatomy and Physiology II																			
BIO 312	Microbiology	X	X	X	X	X		X	III	III	II	II	II	II	III	III	III	III	II	III
BIO 315	Plants and People	X	X	X	X	X	X	X	II	I	III	III	III	III	II	II	II	II	III	III
BIO 332	Biology of the Vertebrates	X	X			X	X	X	III	I	I	II	II	II	I	I	I	I	I	II
BIO 341	Biology of Seed Plants	X	X	X	X	X	X	X	II	II	III	III	III	III	II	II	II	II	III	II
BIO 342	Biology of the Invertebrates	X	X			X		X	III	I	I	II	I	I	I	I	I	I	I	II
BIO 344	Avian Biology	X	X	X	X	X	X	X	I	I	III	I	II	II	III	III	II	II	I	I
BIO 350	Biology of the Fungi	X	X	X		X		X	I	II	III	II	I	II	III	II	II	III	I	I
BIO 352	Biostatistics	X	X	X		X	X	X	I	II	III	III	I	III	II	III	II	I	II	III

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