

Curriculum Mapping Template

(Insert additional rows as necessary.)

Program Name: BA in Biology			Program Name: BA in Biology		
Pine Manor College			Elms College		
Required (Core) Courses in the Major (Total # courses required = 12)			Required (Core) Courses in the Major (Total # courses required = 15)		
<i>Course Number</i>	<i>Course Title</i>	<i>Credit Hours</i>	<i>Course Number</i>	<i>Course Title</i>	<i>Credit Hours</i>
BIO 101	Principles of Biology 1	5	BIO 1203/1203L	Gen Bio I	4
BIO 102	Principles of Biology II	5	BIO 1204/1204L	Gen Bio II	4
BIO 205	Anatomy & Physiology I	5			
BIO 206	Anatomy & Physiology II	5			
BIO 289	Biostatistics	4	MAT 1009	Stats	3
BIO 375	Genetics & Molecular Biology	5	BIO 3201	Genetics	4
BIO 490	Senior Seminar	4	BIO 4004	Biology Seminar	3
BIO 495	Senior Internship	6			
CHE 110	Principles of Chemistry I	5	CHE 1201/CHE 1201L	Gen Chem I Lecture and Lab	4
CHE 120	Principles of Chemistry II	5	CHE 1202/CHE 1202L	Gen Chem II Lecture and Lab	4
CHE 200	Organic Chem	5	CHE 2101/CHE 2101L	Organic Chem Lecture and Lan	4
CHE 301	Biochemistry of Macromolecules	5	BIO 4306/BIO 4306L	Biochemistry with the lab	4
			CHE 2102/2102L	Organic Chem 2 Lecture and Lab	4
			PHY 1005/1005L	Physics I Lecture and Lab	4
			PHY 1006/1006L	Physics II Lecture and Lab	4
				Math	3
			BIO 1100/BIO 1100L	Environmental Biology	3
			BIO3001	Developmental Biology	4
	Sub Total Required Credits	59		Total Required Credits	56
Elective Courses (Total # courses required = 4) (16-18 credits)			Elective Courses (Total # courses required = 7) (14-16 credits)		
Two from the following at 200 level					
CHE 201	Organic Chem II	5	CHE 2102/2102L	Organic Chem 2 Lecture and Lab	4
BIO 202	Evolution and Biodiversity	5	BIO 2105/2105L	Anatomy & Physiology I	4
BIO 210	Introduction to Biomedical Laboratory Sciences	4	BIO 2106/2106L	Anatomy & Physiology II	4
BIO 211	Protein in Purification Analysis	4			
BIO 212	Environmental Issues	4	BIO 1100/BIO 1100L	Environmental Biology	4

BIO 213	Techniques in Molecular Biology	4	BIO 3206/ BIO 3206L	Molecular Biology	4
BIO 222	CSI : Intro to Forensic Science	4	BIO 1103	Forensic Science	3
BIO 225	Nutrition	4	BIO 3305	Nutrition	3
BIO 230	Emerging Disease	4			
BIO 240	The Biology of Women	4			
BIO 250	The Biology of HIV and Aids	4			
BIO 254	Cell Culture Techniques	5			
BIO 275	Critical Issues in Genetics for Women	4			
BIO 280	Ethical Issues in Science and Tech: America's Moral Dilemmas	4			
Two from the following at 300 level					
BIO 301	Advanced Cell Biology	5	BIO 3016	Cell Biology	3
BIO 330	Microbiology and Human Infectious Diseases	5	BIO3300/3300L	Microbiology	4
BIO 345	Psychopharmacology	4			
BIO 360	Introduction to Epidemiology	4			
BIO 380	Pathophysiology	4			
Sub Total of Elective Credits		16-18	Sub Total of Elective Credits		14-16
			General Elective/Minor Elective Credits		7-9
Distribution of General Education Requirements Attach List of General Education Offerings (Course Numbers, Titles, and Credits)		# of Gen Ed Credits	Distribution of General Education Requirements Attach List of General Education Offerings (Course Numbers, Titles, and Credits)		# of Gen Ed Credits
Ideas, Values and Meaning		8			
Arts and Literature		8	Arts and Humanities, including Literature and Foreign Languages		21
Scientific Understanding		8-9	Natural and Physical Sciences		3
Quantitative Reasoning		4	Quantitative Reasoning		3
Writing		8-12	Rhetoric		3
Social Systems		8	Social Sciences		6
First Year Experience & Soph. Colloquium		4	First Year Seminar		3
			Physical Education		2
Sub Total General Education Credits		48-53	Sub Total General Education Credits		41
Curriculum Summary		123 - 130	Curriculum Summary		120
Total credit hours required for degree		132	Total credit hours required for degree		120