

Pine Manor			Fisher College		
Program Name: Biology			Bachelor of Arts in Biology		
Required (Core) Courses in the Major (Total # courses required =12)			Required (Core) Courses in the Major (Total # courses required = 12 or credit equivalent)		
Course Number	Course Title	Credit Hours	Course Number	Course Title	Credits
BI 101	Principles of Biology I	5	SC 120	Introduction to Biology	5
BI 102	Principles of Biology II	5	SC 214	General Biology II	5
BI 205	Anatomy & Physiology I	5	SC 211	Anatomy and Physiology I	5
BI 206	Anatomy & Physiology II	5	SC 212	Anatomy and Physiology II	5
BI 289	Biostatistics	4	MA 221	Statistical Data Analysis	4
BI 375	Genetics & Molecular Biology	5	SC 314	Genetics	5
BI 490	Senior Seminar	4	SC 450	Senior Seminar	4
BI 495	Senior Internship	6	SC 460 and SC 461	Internship for Biology I and Internship for Biology II	6
CH 110	Principles of Chemistry I	5	SC 133	Principles of Chemistry I	5
CH 120	Principles of Chemistry II	5	SC 134	Principles of Chemistry II	5
CH 200	Organic Chemistry	5	SC 312	Cell and Molecular Biology	5
CH 301	Biochemistry of Macromolecules	5	SC 313	Fundamentals of Biochemistry	5
Sub Total Required Credits		59		Subtotal of Required Credits	59
ELECTIVES (2 at the 200 level)			ELECTIVES (4 total)		
CH 201	ORGANIC CHEMISTRY II	5	SC2TR	ORGANIC CHEMISTRY II	5
BI 202	EVOLUTION AND BIODIVERSITY	5	SC402	EVOLUTIONARY BIOLOGY	5
BI 210	INTRODUCTION TO BIOMEDICAL LABORATORY SCIENCES	5	SC141	THE STUDY OF DISEASE	5
BI 211	PROTEIN IN PURIFICATION ANALYSIS	5	SC2TR	PROTEIN IN PURIFICATION ANALYSIS	5
			SC131	ENVIRONMENTAL ISSUES	4
BI 212	ENVIRONMENTAL ISSUES	4	SC2TR	TECHNIQUES IN MOLECULAR BIOLOGY	5
BI 213	TECHNIQUES IN MOLECULAR BIOLOGY	5	SC110	NUTRITION	4
BI 225	NUTRITION	4	SC311	FORENSIC SCIENCE	4
BI 222	CSI: INTRO TO FORENSIC SCIENCE	4	SC403	PRINCIPLES OF HUMAN DISEASE	4
			SC2TR	THE BIOLOGY OF WOMEN	4
BI 230	EMERGING DISEASES	4	SC2TR	THE BIOLOGY OF HIV AND AIDS	4
BI 240	THE BIOLOGY OF WOMEN	4	SC2TR	CELL CULTURE TECHNIQUES	5
BI 250	THE BIOLOGY OF HIV AND AIDS	4	SC2TR	CRITICAL ISSUES IN GENETICS FOR WOMEN	4
BI 254	CELL CULTURE TECHNIQUES	5			
BI 275	CRITICAL ISSUES IN GENETICS FOR WOMEN	4	SC430	FRONTIERS IN BIOETHICS	4
BI 280	ETHNICAL ISSUES IN SCIENCE AND TECHNOLOGY: AMERICA'S MORAL DILEMMAS	4			
			SC310	ANIMAL BEHAVIOR	4
			SC2TR	MARINE BIOLOGY	4
BI 292	INTRODUCTION TO MARINE MAMMALS	4			
BI 294	MARINE BIOLOGY	4	SC403	RESEARCH IN BIOLOGICAL SCIENCES	5
ELECTIVES (2 at the 300 level)			SC213	MICROBIOLOGY AND HUMAN INFECTIOUS DISEASE	5
BI 301	ADVANCED CELL BIOLOGY	5	SC221	PSYCHOPHARMACOLOGY	4
BI 330	MICROBIOLOGY AND HUMAN INFECTIOUS DISEASE	5	SC210	PUBLIC HEALTH AND EPIDEMIOLOGY	4
BI 345	PSYCHOPHARMACOLOGY	4	SC2TR	PATHOPHYSIOLOGY	4
BI 360	INTRODUCTION TO EPIDEMIOLOGY	4			
BI 380	PATHOPHYSIOLOGY	4			
Sub Total Elective Credits		16 - 18	Sub Total Elective Credits		16 credits

<i>Distribution of General Education Requirements</i>	# of Gen Ed..Credits	<i>Distribution of General Education Requirements</i>	
Ideas, Values, & Meaning	8	Global Awareness Elective	3
Art & Literature	8	Art and Humanities	12
Social Systems	8	Social Sciences	9
Scientific Understanding	8 - 9	Science and Technology	3
Writing	8-12	English I/II and Intermediate Writing	9
Quantitative Reasoning	4	Quantitative Reasoning	In program
First Year Experience & Soph. Colloquium	4	First Year Experience and Internship Prep	4
Sub total General Education Credits	48-53	Sub Total General Education Credits	40
		Open Electives	6
<i>Curriculum Summary</i>	94 -99		
<i>Total credit hours required for degree</i>	132 (128 for some Transfer Students)	<i>Total credit hours required for degree</i>	121