

## GENERAL SCIENCE, ADVANCED EMERGENCY CARE OPTION

COURSE #	COURSE TITLE	CREDITS	PREREQUISITES (CO-REQUISITES)
<b>Associate in Science Degree</b>			
<i>First Semester</i>			
__ __	BIO125 Health Science Seminar	1	
__ __	BIO101 Biology I	4	See below *
__ __	EMS111 Emergency Medical Technology I	5	
__ __	ENG101 College Composition	3	Min. Accuplacer writing score of 74
__ __	PSY101 Introduction to Psychology	3	
<i>Second Semester</i>			
__ __	BIO102 Biology II	4	Minimum grade of "C" in BIO101
__ __	CHE112 General Chemistry I	4	(MAT117 or equivalent mathematical aptitude)
__ __	COM104 Introduction to Communication OR		
__ __	COM105 Interpersonal Communication	3	
__ __	MAT117 College Algebra	3	High school algebra, min. Accuplacer algebra score of 75, or successful completion of MAT031
<i>Third Semester</i>			
__ __	BIO213 Anatomy and Physiology I	4	Min. Accuplacer reading score of 80, completion of LEAP seminar, or successful completion of a college level laboratory science course
__ __	MAT220 Statistics	3	Minimum grade of "C" in MAT117 or equivalent
__ __	SOC101 Introduction to Sociology	3	
__ __	_____ Fine Arts or Language Elective	3	
__ __	_____ General Elective	3	
<i>Fourth Semester</i>			
__ __	BIO214 Anatomy and Physiology II	4	Minimum grade of "C" in BIO213
__ __	BIO219 Microbiology	4	BIO101 or BIO214 or permission of instructor
__ __	ENG218 Advanced Technical Writing	3	A grade of "C" or higher in ENG101 or ENG108
__ __	PHI110 Introduction to Contemporary Ethics	3	(ENG101)
__ __	_____ Humanities Elective	3	
	Total Credits	63	

\* BIO101 prerequisite: Successful completion of a high school or adult education biology (within the past 5 years), satisfactory performance on the departmental placement test, or permission of instructor.

### CRITERIA FOR GRADUATION

Students must complete 63 credits in the General Science degree, Advanced Emergency Care option and achieve a minimum grade of "C" in all courses. Students must attain a final GPA of 2.0 or higher.

Revised: March 25, 2014

## GENERAL SCIENCE, BIOLOGY OPTION

COURSE #	COURSE TITLE	CREDITS	PREREQUISITES (CO-REQUISITES)
<b>Associate in Science Degree</b>			
<i>First Semester</i>			
__ __	BIO101 Biology I	4	See below *
__ __	FYE125 First Year Seminar	1	
__ __	CHE112 General Chemistry I	4	(MAT117 or equivalent mathematical aptitude)
__ __	ENG101 College Composition	3	Min. Accuplacer writing score of 74
__ __	MAT117 College Algebra	3	High school algebra, min. Accuplacer algebra MAT031
<i>Second Semester</i>			
__ __	BIO102 Biology II	4	Minimum grade of "C" in BIO101
__ __	CHE115 General Chemistry II	4	Minimum grade of "C" in CHE112
__ __	COM104 Introduction to Communication OR		
__ __	COM105 Interpersonal Communication	3	
__ __	CPT117 Software Applications I	3	Computer ACCUPLACER score of 76 or greater, CPT018, or permission of instructor
__ __	PSY101 Introduction to Psychology	3	
<i>Third Semester</i>			
__ __	BIO219 Microbiology	4	BIO101 or BIO214
__ __	ENG218 Advanced Technical Writing	3	A grade of "C" or higher in ENG101 or ENG108
__ __	MAT226 Precalculus	4	Minimum grade of "C" in MAT117
__ __	_____ 200 Level Science Elective	3/4	
__ __	_____ Fine Arts or Language Elective	3	
<i>Fourth Semester</i>			
__ __	MAT227 Calculus I	4	MAT218 or MAT226
__ __	_____ 200 Level Science Elective	3/4	
__ __	_____ General Education Elective	3	
__ __	_____ Humanities Elective	3	
__ __	_____ Social Sciences Elective	3	
	Total Credits	65-67	

\* BIO101 prerequisite: Successful completion of a high school or adult education biology (within the past 5 years), satisfactory performance on the departmental placement test, or permission of instructor.

### CRITERIA FOR GRADUATION

Students must complete 65-67 credits in the General Science degree, Biology option and achieve a minimum grade of "C" in all courses. Students must attain a final GPA of 2.0 or higher.

Revised: April 18, 2013

## GENERAL SCIENCE, HEALTH INFORMATION TECHNOLOGY OPTION

COURSE #	COURSE TITLE	CREDITS	PREREQUISITES (CO-REQUISITES)
<b>Associate in Science Degree</b>			
<i>First Semester</i>			
__ __	BIO125 Health Science Seminar	1	
__ __	BIO213 Anatomy and Physiology I	4	Min. Accuplacer reading score of 80, completion of LEAP seminar, or successful completion of a college level laboratory science course
__ __	CPT117 Software Applications I	3	Computer ACCUPLACER score of 76 or greater, CPT018, or permission of instructor
__ __	ENG101 College Composition	3	Min. Accuplacer writing score of 74
__ __	MAS102 Medical Terminology	3	
<i>Second Semester</i>			
__ __	BIO214 Anatomy and Physiology II	4	Minimum grade of "C" in BIO213
__ __	COM104 Introduction to Communication OR		
__ __	COM105 Interpersonal Communication	3	
__ __	CPT121 Software Applications II	3	CPT117 or equivalent
__ __	MAT113 Elements of Mathematics	3	Min. Accuplacer arithmetic score of 55
__ __	PSY101 Introduction to Psychology	3	
<i>Third Semester</i>			
__ __	BIO101 Biology I	4	See below *
__ __	BUS115 Principles of Management	3	
__ __	MAT117 College Algebra	3	High school algebra, min. Accuplacer algebra score of 75, or successful completion of MAT031
__ __	PHI110 Introduction to Contemporary Ethics	3	(ENG101)
__ __	_____ General Elective	3	
<i>Fourth Semester</i>			
__ __	BIO102 Biology II	4	Minimum grade of "C" in BIO101
__ __	BIO216 Pathophysiology	3	BIO214
__ __	ENG218 Advanced Technical Writing	3	A grade of "C" or higher in ENG101 or ENG108
__ __	FSN211 Human Nutrition	3	BIO115 or permission of instructor
__ __	_____ Fine Arts or Language Elective	3	
	Total Credits	62	

\* BIO101 prerequisite: Successful completion of a high school or adult education biology (within the past 5 years), satisfactory performance on the departmental placement test, or permission of instructor.

### CRITERIA FOR GRADUATION

Students must complete 62 credits in the General Science degree, Health Information Technology option and achieve a minimum grade of "C" in all courses. Students must attain a final GPA of 2.0 or higher.

Revised: May 6, 2013

## GENERAL SCIENCE, MEDICAL ASSISTING OPTION

COURSE #	COURSE TITLE	CREDITS	PREREQUISITES (CO-REQUISITES)
<b>Associate in Science Degree</b>			
<i>First Semester</i>			
__ __	BIO125 Health Science Seminar	1	
__ __	BIO213 Anatomy and Physiology I	4	Min. Accuplacer reading score of 80, completion of LEAP seminar, or successful completion of a college level laboratory science course
__ __	CPT117 Software Applications I	3	Computer ACCUPLACER score of 76 or greater, CPT018, or permission of instructor
__ __	ENG101 College Composition	3	Min. Accuplacer writing score of 74
__ __	MAS102 Medical Terminology	3	
<i>Second Semester</i>			
__ __	BIO214 Anatomy and Physiology II	4	Minimum grade of "C" in BIO213
__ __	COM104 Introduction to Communication OR		
__ __	COM105 Interpersonal Communication	3	
__ __	MAT113 Elements of Mathematics	3	Min. Accuplacer arithmetic score of 55
__ __	PHI110 Introduction to Contemporary Ethics	3	(ENG101)
__ __	PSY101 Introduction to Psychology	3	
<i>Third Semester</i>			
__ __	BIO101 Biology I	4	See below *
__ __	ENG108 Technical Writing	3	Min. Accuplacer writing score of 74
__ __	MAS114 Medical Office Law and Ethics	3	
__ __	_____ Fine Arts or Language Elective	3	
__ __	_____ General Elective	3	
<i>Fourth Semester</i>			
__ __	BIO102 Biology II	4	Minimum grade of "C" in BIO101
__ __	BIO216 Pathophysiology	3	BIO214
__ __	ENG218 Advanced Technical Writing	3	A grade of "C" or higher in ENG101 or ENG108
__ __	FSN211 Human Nutrition	3	BIO115 or permission of instructor
__ __	MAT117 College Algebra	3	High school algebra, min. Accuplacer algebra score of 75, or successful completion of MAT031
	Total Credits	62	

\* BIO101 prerequisite: Successful completion of a high school or adult education biology (within the past 5 years), satisfactory performance on the departmental placement test, or permission of instructor.

### CRITERIA FOR GRADUATION

Students must complete 62 credits in the General Science degree, Medical Assisting option and achieve a minimum grade of "C" in all courses. Students must attain a final GPA of 2.0 or higher.

Revised: May 6, 2013

## GENERAL SCIENCE, NURSING OPTION

COURSE #	COURSE TITLE	CREDITS	PREREQUISITES (CO-REQUISITES)
<b>Associate in Science Degree</b>			
<i>First Semester</i>			
__ __	BIO125 Health Science Seminar	1	
__ __	BIO213 Anatomy and Physiology I	4	Min. Accuplacer reading score of 80, completion of LEAP seminar, or successful completion of a college level laboratory science course
__ __	ENG101 College Composition	3	Min. Accuplacer writing score of 74
__ __	MAT117 College Algebra	3	High school algebra, min. Accuplacer algebra score of 75, or successful completion of MAT031
__ __	PSY101 Introduction to Psychology	3	
<i>Second Semester</i>			
__ __	BIO214 Anatomy and Physiology II	4	Minimum grade of "C" in BIO213
__ __	COM104 Introduction to Communication	3	
__ __	PSY215 Developmental Psychology	3	PSY101
__ __	SOC101 Introduction to Sociology	3	
__ __	_____ Humanities Elective	3	
<i>Third Semester</i>			
__ __	BIO219 Microbiology	4	BIO101 or BIO214
__ __	CHE112 General Chemistry I	4	(MAT117 or equivalent mathematical aptitude)
__ __	ENG218 Advanced Technical Writing	3	A grade of "C" or higher in ENG101 or ENG108
__ __	MAT220 Statistics	3	Minimum grade of "C" in MAT117
<i>Fourth Semester</i>			
__ __	BIO216 Pathophysiology	3	BIO214
__ __	CHE115 General Chemistry II	4	Minimum grade of "C" in CHE112
__ __	FSN211 Human Nutrition	3	BIO115 or permission of instructor
__ __	SOC203 Death and Dying	3	PSY101 or SOC101
__ __	_____ Fine Arts or Language Elective	3	
	Total Credits	60	

### CRITERIA FOR GRADUATION

Students must complete 60 credits in the General Science degree, Nursing option and achieve a minimum grade of "C" in all courses. Students must attain a final GPA of 2.0 or higher.

Revised: May 6, 2013

## GENERAL SCIENCE, OCCUPATIONAL THERAPY ASSISTANT OPTION

COURSE #	COURSE TITLE	CREDITS	PREREQUISITES (CO-REQUISITES)
<b>Associate in Science Degree</b>			
<i>First Semester</i>			
__ __	BIO125 Health Science Seminar	1	
__ __	BIO213 Anatomy and Physiology I	4	Min. Accuplacer reading score of 80, completion of LEAP seminar, or successful completion of a college level laboratory science course
__ __	COM104 Introduction to Communication	3	
__ __	ENG101 College Composition	3	Min. Accuplacer writing score of 74
__ __	MAT113 Elements of Mathematics	3	Min. Accuplacer arithmetic score of 55
<i>Second Semester</i>			
__ __	BIO214 Anatomy and Physiology II	4	Minimum grade of "C" in BIO213
__ __	ENG218 Advanced Technical Writing	3	A grade of "C" or higher in ENG101 or ENG108
__ __	PSY101 Introduction to Psychology	3	
__ __	SOC101 Introduction to Sociology	3	
__ __	_____ Humanities Elective	3	
<i>Third Semester</i>			
__ __	BIO101 Biology I	4	See below *
__ __	MAT117 College Algebra	3	High school algebra, min. Accuplacer algebra score of 75, or successful completion of MAT031
__ __	PHI110 Introduction to Contemporary Ethics	3	(ENG101)
__ __	PSY215 Developmental Psychology	3	PSY101
__ __	_____ General Elective	3	
<i>Fourth Semester</i>			
__ __	BIO102 Biology II	4	Minimum grade of "C" in BIO101
__ __	BIO216 Pathophysiology	3	BIO214
__ __	FSN211 Human Nutrition	3	BIO115 or permission of instructor
__ __	MAT220 Statistics	3	Minimum grade of "C" in MAT117
__ __	_____ Fine Arts or Language Elective	3	
	Total Credits	62	

\* BIO101 prerequisite: Successful completion of a high school or adult education biology (within the past 5 years), satisfactory performance on the departmental placement test, or permission of instructor.

### CRITERIA FOR GRADUATION

Students must complete 62 credits in the General Science degree, Occupational Therapy Assistant option and achieve a minimum grade of "C" in all courses. Students must attain a final GPA of 2.0 or higher.

Revised: May 6, 2013

## GENERAL SCIENCE, PHLEBOTOMY OPTION

COURSE #	COURSE TITLE	CREDITS	PREREQUISITES (CO-REQUISITES)
<b>Associate in Science Degree</b>			
<i>First Semester</i>			
__ __	BIO125 Health Science Seminar	1	
__ __	BIO213 Anatomy and Physiology I	4	Min. Accuplacer reading score of 80, completion of LEAP seminar, or successful completion of a college level laboratory science course
__ __	CPT117 Software Applications I	3	Computer ACCUPLACER score of 76 or greater, CPT018, or permission of instructor
__ __	ENG101 College Composition	3	Min. Accuplacer writing score of 74
__ __	MAS102 Medical Terminology	3	
<i>Second Semester</i>			
__ __	BIO214 Anatomy and Physiology II	4	Minimum grade of "C" in BIO213
__ __	COM104 Introduction to Communication OR		
__ __	COM105 Interpersonal Communication	3	
__ __	MAT113 Elements of Mathematics	3	Min. Accuplacer arithmetic score of 55
__ __	PHI110 Introduction to Contemporary Ethics	3	(ENG101)
__ __	PSY101 Introduction to Psychology	3	
<i>Third Semester</i>			
__ __	BIO101 Biology I	4	See below *
__ __	ENG108 Technical Writing	3	Min. Accuplacer writing score of 74
__ __	FSN201 Introduction to Food Science	3	100 level college science course
__ __	MAS114 Medical Office Law and Ethics	3	
__ __	_____ Fine Arts or Language Elective	3	
<i>Fourth Semester</i>			
__ __	BIO102 Biology II	4	Minimum grade of "C" in BIO101
__ __	BIO216 Pathophysiology	3	BIO214
__ __	ENG218 Advanced Technical Writing	3	A grade of "C" or higher in ENG101 or ENG108
__ __	FSN211 Human Nutrition	3	BIO115 or permission of instructor
__ __	MAT117 College Algebra	3	High school algebra, min. Accuplacer algebra score of 75, or successful completion of MAT031
	Total Credits	62	

\* BIO101 prerequisite: Successful completion of a high school or adult education biology (within the past 5 years), satisfactory performance on the departmental placement test, or permission of instructor.

### CRITERIA FOR GRADUATION

Students must complete 62 credits in the General Science degree, Phlebotomy option and achieve a minimum grade of "C" in all courses. Students must attain a final GPA of 2.0 or higher.

Revised: May 6, 2013

## GENERAL SCIENCE, PHYSICAL THERAPIST ASSISTANT OPTION

COURSE #	COURSE TITLE	CREDITS	PREREQUISITES (CO-REQUISITES)
<b>Associate in Science Degree</b>			
<i>First Semester</i>			
__ __	BIO125 Health Science Seminar	1	
__ __	BIO213 Anatomy and Physiology I	4	Min. Accuplacer reading score of 80, completion of LEAP seminar, or successful completion of a college level laboratory science course
__ __	ENG101 College Composition	3	Min. Accuplacer writing score of 74
__ __	MAT117 College Algebra	3	High school algebra, min. Accuplacer algebra score of 75, or successful completion of MAT031
__ __	PSY101 Introduction to Psychology	3	
<i>Second Semester</i>			
__ __	BIO214 Anatomy and Physiology II	4	Minimum grade of "C" in BIO213
__ __	COM104 Introduction to Communication OR		
__ __	COM105 Interpersonal Communication	3	
__ __	PHY111 Elements of Physics	4	Minimum grade of "C" in MAT117 or MAT119
__ __	PSY215 Developmental Psychology	3	PSY101
__ __	_____ Humanities Elective	3	
<i>Third Semester</i>			
__ __	BIO101 Biology I	4	See below *
__ __	CHE112 General Chemistry I	4	(MAT117 or equivalent mathematical aptitude)
__ __	ENG218 Advanced Technical Writing	3	A grade of "C" or higher in ENG101 or ENG108
__ __	MAT220 Statistics	3	Minimum grade of "C" in MAT117
__ __	PHY211 Elements of Physics II	4	Minimum grade of "C" in PHY111
<i>Fourth Semester</i>			
__ __	BIO102 Biology II	4	Minimum grade of "C" in BIO101
__ __	CHE115 General Chemistry II	4	Minimum grade of "C" in CHE112
__ __	PHI110 Introduction to Contemporary Ethics	3	(ENG101)
__ __	_____ Fine Arts or Language Elective	3	
	Total Credits	63	

\* BIO101 prerequisite: Successful completion of a high school or adult education biology (within the past 5 years), satisfactory performance on the departmental placement test, or permission of instructor.

### CRITERIA FOR GRADUATION

Students must complete 63 credits in the General Science degree, Physical Therapist Assistant option and achieve a minimum grade of "C" in all courses. Students must attain a final GPA of 2.0 or higher.

Revised: September 17, 2013



## GENERAL SCIENCE, PRE-PHARMACY OPTION

COURSE #	COURSE TITLE	CREDITS	PREREQUISITES (CO-REQUISITES)
<b>Associate in Science Degree</b>			
<i>First Semester</i>			
__ __	BIO101 Biology I	4	See below *
__ __	BIO125 Health Science Seminar	1	
__ __	CHE112 General Chemistry I	4	(MAT117 or equivalent mathematical aptitude)
__ __	ENG101 College Composition	3	Min. Accuplacer writing score of 74
__ __	MAT226 Precalculus	4	Minimum grade of "C" in MAT117
<i>Second Semester</i>			
__ __	BIO102 Biology II	4	Minimum grade of "C" in BIO101
__ __	CHE115 General Chemistry II	4	Minimum grade of "C" in CHE112
__ __	COM104 Introduction to Communication	3	
__ __	MAT227 Calculus I	4	MAT218 or MAT226
<i>Third Semester</i>			
__ __	BIO213 Anatomy and Physiology I	4	Min. Accuplacer reading score of 80, completion of LEAP seminar, or successful completion of a college level laboratory science course
__ __	CHE211 Organic Chemistry I	4	Minimum grade of "C" in CHE115
__ __	ENG218 Advanced Technical Writing	3	A grade of "C" or higher in ENG101 or ENG108
__ __	MAT220 Statistics	3	Minimum grade of "C" in MAT117
__ __	PSY101 Introduction to Psychology	3	
<i>Fourth Semester</i>			
__ __	BIO214 Anatomy and Physiology II	4	Minimum grade of "C" in BIO213
__ __	CHE212 Organic Chemistry II	4	Minimum grade of "C" in CHE211
__ __	PHI110 Introduction to Contemporary Ethics	3	(ENG101)
__ __	_____ Fine Arts or Language Elective	3	
	Total Credits	62	

\* BIO101 prerequisite: Successful completion of a high school or adult education biology (within the past 5 years), satisfactory performance on the departmental placement test, or permission of instructor.

### CRITERIA FOR GRADUATION

Students must complete 62 credits in the General Science degree, Pre-Pharmacy option and achieve a minimum grade of "C" in all courses. Students must attain a final GPA of 2.0 or higher.

Revised: May 6, 2013

## GENERAL SCIENCE, RADIOLOGIC TECHNOLOGY OPTION

COURSE #	COURSE TITLE	CREDITS	PREREQUISITES (CO-REQUISITES)
<b>Associate in Science Degree</b>			
<i>First Semester</i>			
__ __	BIO125 Health Science Seminar	1	
__ __	BIO213 Anatomy and Physiology I	4	Min. Accuplacer reading score of 80, completion of LEAP seminar, or successful completion of a college level laboratory science course
__ __	ENG101 College Composition	3	Min. Accuplacer writing score of 74
__ __	MAT117 College Algebra	3	High school algebra, min. Accuplacer algebra score of 75, or successful completion of MAT031
__ __	PHY111 Elements of Physics	4	Minimum grade of "C" in MAT117 or MAT119
<i>Second Semester</i>			
__ __	BIO214 Anatomy and Physiology II	4	Minimum grade of "C" in BIO213
__ __	COM104 Introduction to Communication OR		
__ __	COM105 Interpersonal Communication	3	
__ __	PHY213 Radiographic Physics	3	
__ __	PSY101 Introduction to Psychology	3	
__ __	_____ Humanities Elective	3	
<i>Third Semester</i>			
__ __	BIO101 Biology I OR		See below*
__ __	CHE112 General Chemistry I	4	(MAT117 or equivalent mathematical aptitude)
__ __	BIO216 Pathophysiology	3	BIO214
__ __	CPT117 Software Applications I	3	Computer ACCUPLACER score of 76 or greater, CPT018, or permission of instructor
__ __	PHI110 Introduction to Contemporary Ethics	3	(ENG101)
__ __	PSY215 Developmental Psychology	3	PSY101
<i>Fourth Semester</i>			
__ __	BIO102 Biology II OR		Minimum grade of "C" in BIO101
__ __	CHE115 General Chemistry II	4	Minimum grade of "C" in CHE112
__ __	ENG218 Advanced Technical Writing	3	A grade of "C" or higher in ENG101 or ENG108
__ __	MAT220 Statistics	3	Minimum grade of "C" in MAT117
__ __	_____ Fine Arts or Language Elective	3	
__ __	_____ Humanities Elective	3	
	Total Credits	63	

\*Successful completion of a high school or adult education biology (within the past 5 years), satisfactory performance on the departmental placement test, or permission of instructor.

### CRITERIA FOR GRADUATION

Students must complete 63 credits in the General Science degree, Radiologic Technology option and achieve a minimum grade of "C" in all courses. Students must attain a final GPA of 2.0 or higher.

Revised: May 6, 2013