

<b>1ST YEAR</b>			
1ST SEMESTER	HRS	2ND SEMESTER	HRS
TROY 1101 OR TROY 1105	1	ENG 1102/04	3
ENG 1101/03	3	BIO 1101/LAB	3/1
FREE ELEC (MTH 1114 DR)	3	MTH 1125	4
CHM 1142/L142	3/1	CHM 1143/L143	3/1
BIO 1100/LAB	3/1		
<b>TOTAL</b>	<b>15</b>	<b>TOTAL</b>	<b>15</b>
<b>2ND YEAR</b>			
3RD SEMESTER	HRS	4TH SEMESTER	HRS
AREA II LIT COURSE	3	CHM 3343/L343 (DR)	3/1
BIO 2220	3	AREA II HUM/FA COURSE	3
AREA II FINE ARTS COURSE	3	STAT 2210 OR BIO 3315	3
CHM 3342/L342	3/1	BIO 2229/L229	3/1
AREA IV HIS COURSE	3		
<b>TOTAL</b>	<b>16</b>	<b>TOTAL</b>	<b>14</b>
<b>3RD YEAR</b>			
5TH SEMESTER	HRS	6TH SEMESTER	HRS
AREA IV SS COURSE	3	AREA V PHY/LAB SEQ	3/1
REQ MAJ ELEC	3/1	BIO 3320	3
REQ MAJ ELEC	3/1	AREA IV SS COURSE	3
AREA V PHY/LAB SEQ	3/1	REQ MAJ ELEC	3/1
		REQ MAJ ELEC	2
<b>TOTAL</b>	<b>15</b>	<b>TOTAL</b>	<b>16</b>
<b>4TH YEAR</b>			
7TH SEMESTER	HRS	8TH SEMESTER	HRS
REQ MAJ ELEC	3/1	BIO 4484	1
REQ MAJ ELEC	3/1	IS 2241	3
AREA II HUM/FA COURSE	3	REQ MAJ ELEC	3/1
AREA IV SS COURSE	3	REQ MAJ ELEC	3/1
		REQ MAJ ELEC	3/1
<b>SUBMIT GRADUATION APPLICATION</b>			
<b>TOTAL</b>	<b>14</b>	<b>TOTAL</b>	<b>16</b>
<b>TOTAL PROGRAM</b>			<b>120*</b>

\* NOTE: PROGRAM REQUIRES 120 HOURS. HOURS ABOVE MAY DIFFER DUE TO MATH REQUIREMENTS.

**COMPLETE ALL REQUIREMENTS**

**(62 HOURS)**

**AREA I**

TAKE THE FOLLOWING COURSES:

ENG 1101	COMP AND MODERN ENGLISH I	3 HOURS
ENG 1102	COMP AND MODERN ENGLISH II	3 HOURS
MINIMUM GRADE OF "C" REQ		

**AREA II**

TAKE ANY 1000 2000 LEVEL COURSE IN LITERATURE	3 HOURS
TAKE ANY 1000 2000 LEVEL COURSE WITH AN EXPANDED HISTORICAL AND CULTURAL SCOPE IN FINE ARTS, INCLUDING THE DISCIPLINES OF ART, MUSIC, THEATRE, FILM, OR OTHER FINE ARTS AREA.	3 HOURS
TAKE ANY TWO 1000 2000 LEVEL COURSES WITH AN EXPANDED HISTORICAL AND CULTURAL SCOPE IN THE HUMANITIES/FINE ARTS DISCIPLINES, INCLUDING ENGLISH, FOREIGN LANGUAGES, RELIGION, NURSING, PHILOSOPHY, CLASSICS, THEATRE, MUSIC, DANCE, COMMUNICATION, SIGN LANGUAGE, INTERDISCIPLINARY STUDIES, OR OTHER HUMANITIES/FINE ARTS AREAS.	6 HOURS

**NOTE: A SEQUENCE IN LITERATURE OR HISTORY IS REQ. WHEN SELECTING COURSEWORK IN AREAS II OR IV, PLEASE CONSIDER THIS REQUIREMENT.**

**AREA III**

MTH 1125	CALCULUS	4 HOURS
MINIMUM GRADE OF "C" REQ		
BIO 1100/L100	PRINCIPLES OF BIOLOGY W/ LAB	3/1 HOURS
CHM 1142/L142	GENERAL CHEMISTRY I W/ LAB	3/1 HOURS

**AREA IV**

TAKE ANY 1000-2000 LEVEL COURSE WITH A PRIMARY FOCUS IN HISTORY	3 HOURS
TAKE THREE 1000-2000 LEVEL COURSE FROM THE FOLLOWING SOCIAL SCIENCE DISCIPLINES: ANTHROPOLOGY, BUSINESS, CRIMINAL JUSTICE, ECONOMICS, GEOGRAPHY, HISTORY, HUMAN SERVICES, LEADERSHIP, HOSPITALITY, SPORT, & TOURISM MANAGEMENT, INTERDISCIPLINARY STUDIES, NURSING, POLITICAL SCIENCE, PSYCHOLOGY, NUTRITION, RELIGION, SOCIAL WORK, SOCIOLOGY, OR OTHER SOCIAL SCIENCE AREAS.	9 HOURS

**NOTE: A SEQUENCE IN LITERATURE OR HISTORY IS REQ. WHEN SELECTING COURSEWORK IN AREAS II OR IV, PLEASE CONSIDER THIS REQUIREMENT.**

**AREA V**

IS 2241	COMPUTER CONCEPTS AND APPLICATIONS	3 HOURS
TROY 1101 OR TROY 1105		1 HOUR
BIO 1101/L101	ORGANISMAL BIOLOGY W/ LAB	3/1 HOURS
CHM 1143/L143	GENERAL CHEMISTRY II W/ LAB	3/1 HOURS

**AREA V CONTINUED:**

TAKE ONE PHYSICS SEQUENCE	8 HOURS
PHY 2252/L252	GENERAL PHYSICS I W/ LAB
PHY 2253/L253	GENERAL PHYSICS II W/ LAB
OR	
PHY 2262/L252	GENERAL PHYSICS I WITH CALCULUS W/ LAB
PHY 2263/L253	GENERAL PHYSICS II WITH CALCULUS W/ LAB

**BIOMEDICAL SCIENCES PROGRAM**

**(54 HOURS)**

TAKE THE FOLLOWING COURSES:

2.0 GPA REQUIRED

BIO	2220	PRINCIPLES OF CELL BIOLOGY	3 HOURS
BIO	2229/L229	GENERAL ECOLOGY/LAB	3/1 HOURS
BIO	3320	GENETICS	3 HOURS
CHM	3342/L342	ORGANIC CHEMISTRY I/LAB	3/1 HOURS
CHM	3343/L343	ORGANIC CHEMISTRY II/LAB (DEPARTMENTAL RECOMMENDATION)	3/1 HOURS
OR			
CHM	3352/L352	BIO CHEMISTRY/LAB	
STAT	2210	INTRODUCTORY STATISTICS OR BIO 3315 INTRODUCTION TO BIostatISTICS	3 HOURS
BIO	4484	SENIOR SEMINAR IN BIOLOGICAL & ENVIRONMENTAL SCIENCES	1 HOUR

**MAJOR ELECTIVES**

**32 HOURS**

TAKE 32-34 ADDITIONAL SEMESTER HOURS IN APPROVED UPPER LEVEL BIOLOGY, BIOCHEMISTRY (CHM 3352), MARINE BIOLOGY COURSES, OR MEDICAL LAB SCIENCE COURSES (MLS - HOSPITAL INTERNSHIP STUDENTS ONLY). THE 32-34 HOURS CHOSEN SHOULD BE BASED ON FUTURE PLANS FOR EMPLOYMENT, GRADUATE SCHOOL, OR PROFESSIONAL SCHOOL. (BIOCHEMISTRY COURSE(S) REQUIRE AN ACADEMIC EVALUATOR EXCEPTION.)

SPECIAL TOPICS IN BIOLOGY (BIO 4476), GUIDED INDEPENDENT STUDIES (BIO 4491/4492), AND GUIDED INDEPENDENT RESEARCH (BIO 4493/4494) MAY ONLY BE TAKEN FOR A MAXIMUM OF 6 SEMESTER HOURS.

**FREE ELECTIVE REQUIREMENT**

**(4 HOURS)**

TAKE 4 HOURS OF FREE ELECTIVE CREDIT.

**DR DENOTES DEPARTMENT RECOMMENDED COURSE. TAKE MTH 1114 AS FREE ELECTIVE COURSE IF NEEDED.**