

### COLLEGE OF ARTS AND SCIENCES APPROVED ACADEMIC PLAN COMPREHENSIVE GENERAL SCIENCE PROGRAM – PROGRAM YEAR 2016-17

1 <sup>ST</sup> YEAR						
FALL SEMESTER		HRS	SPRING SEMESTER		HRS	SUMMER SEMESTER
TROY 1101		1	ENG 1102/04		3	SELECT COURSES THAT HAVE NOT BEEN COMPLETED FROM PREVIOUS TERMS OR SEMESTERS AS PREREQUISITE COURSES OR COURSES TO BE RETAKEN
ENG 1101/03		3	PHY 2262/LAB		3/1	
MTH 1125		4	BIO 1101/LAB		3/1	
BIO 1100/LAB		3/1	MTH 1126		4	
SCI 2234/LAB		3/1				
TOTAL		16	TOTAL		15	
2 <sup>ND</sup> YEAR						
FALL SEMESTER		HRS	SPRING SEMESTER		HRS	SUMMER SEMESTER
AREA II LIT COURSE		3	PHY 3310/LAB		3/1	SELECT COURSES THAT HAVE NOT BEEN COMPLETED FROM PREVIOUS TERMS OR SEMESTERS AS PREREQUISITE COURSES OR COURSES TO BE RETAKEN
CHM 1142/LAB		3/1	MTH 2210		3	
PHY 2263/LAB		3/1	CHM 1143/LAB		3/1	
FREE ELEC (MTH 2227 DR)		4	BIO 2220/LAB		3/1	
TOTAL		15	TOTAL		15	
3 <sup>RD</sup> YEAR						
FALL SEMESTER		HRS	SPRING SEMESTER		HRS	SUMMER SEMESTER
BIO 3347/LAB		3/1	AREA IV HIS COURSE		3	SELECT COURSES THAT HAVE NOT BEEN COMPLETED FROM PREVIOUS TERMS OR SEMESTERS AS PREREQUISITE COURSES OR COURSES TO BE RETAKEN
AREA IV SS COURSE		3	CHM 3343/LAB		3/1	
CHM 3342/LAB		3/1	BIO 3320/LAB		3/1	
PHY 3359/LAB		3/1	FREE ELEC		3	
			AREA II FINE ARTS COURSE		3	
TOTAL		15	TOTAL		17	
4 <sup>TH</sup> YEAR						
FALL SEMESTER		HRS	SPRING SEMESTER		HRS	SUMMER SEMESTER
CHM 3381/LAB		3/1	AREA IV SS COURSE		3	SELECT COURSES THAT HAVE NOT BEEN COMPLETED FROM PREVIOUS TERMS OR SEMESTERS AS PREREQUISITE COURSES OR COURSES TO BE RETAKEN
PHY 4420		3	IS 2241		3	
AREA II HUM/FA COURSE		3	AREA II HUM/FA COURSE		3	
AREA IV SS COURSE		3	FREE ELEC (PHY 4440 DR)		3	
FREE ELEC		2				
FILE YOUR INTENT TO GRADUATE						
TOTAL		15	TOTAL		12	
TOTAL					120	



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COMPLETE ALL 6 SUB-REQUIREMENTS

(54 HOURS)

### A. AREA I:

TAKE THE FOLLOWING COURSES:

MINIMUM GRADE OF "C" REQUIRED

ENG 1101 COMP AND MODERN ENGLISH I

3 HOURS

ENG 1102 COMP AND MODERN ENGLISH II

3 HOURS

### B. 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

6 HOURS

SCOPE IN THE HUMANITIES/FINE ARTS DISCIPLINES, INCLUDING ENGLISH, FOREIGN LANGUAGES, RELIGION, PHILOSOPHY, CLASSICS, THEATRE, MUSIC, DANCE, COMMUNICATION, SIGN LANGUAGE, INTERDISCIPLINARY STUDIES, OR OTHER HUMANITIES/FINE ARTS AREAS.

### C. AREA III:

TAKE THE FOLLOWING COURSES:

BIO 1100/L100 PRINCIPLES OF BIOLOGY W/LAB

4 HOURS

CHM 1142/L142 GENERAL CHEMISTRY I W/LAB

4 HOURS

MTH 1125 CALCULUS I ("C" OR BETTER)

4 HOURS

### D. 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

9 HOURS

DISCIPLINES: ANTHROPOLOGY, BUSINESS, CRIMINAL JUSTICE, ECONOMICS, GEOGRAPHY, HISTORY, HUMAN SERVICES, LEADERSHIP, INTERDISCIPLINARY STUDIES, NURSING, POLITICAL SCIENCE, PSYCHOLOGY, RELIGION, SOCIAL WORK, SOCIOLOGY, OR OTHER SOCIAL SCIENCE AREAS.

### E. AREA V:

TAKE THE FOLLOWING COURSES:

PHY 2262/L262 GENERAL PHYSICS I WITH CALCULUS W/LAB

4 HOURS

SCI 2234/L234 EARTH & SPACE SCIENCE W/LAB

4 HOURS

IS 2241 COMPUTER CONCEPTS & APPLICATIONS

3 HOURS

TROY 1101 UNIVERSITY ORIENTATION

1 HOUR





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### COMPREHENSIVE GENERAL SCIENCE

(54 HOURS)

MINIMUM 2.0 OVERALL GPA REQUIRED

TAKE THE FOLLOWING COURSES:

BIO	1101/L101	ORGANISMAL BIOLOGY W/LAB	4 HOURS
BIO	2220/L220	PRIN CELL BIOLOGY W/LAB	4 HOURS
BIO	3320/L320	GENETICS W/LAB	4 HOURS
BIO	3347/L347	HUMAN ANATOMY & PHYSIOLOGY I W/LAB	4 HOURS
CHM	1143/L143	GENERAL CHEMISTRY II W/LAB	4 HOURS
CHM	3342/L342	ORGANIC CHEMISTRY I W/LAB	4 HOURS
CHM	3343/L343	ORGANIC CHEMISTRY II W/LAB	4 HOURS
CHM	3381/L381	PHYSICAL CHEMISTRY W/LAB	4 HOURS
MTH	1126	CALCULUS II	4 HOURS
MTH	2210	APPLIED STATISTICS	3 HOURS
PHY	2263/L263	GENERAL PHYSICS II WITH CALCULUS W/LAB	4 HOURS
PHY	3310/L310	MODERN PHYSICS W/LAB	4 HOURS
PHY	3359/L359	WAVES & OPTICS W/LAB	4 HOURS
PHY	4420	MECHANICS	3 HOURS

### FREE ELECTIVES REQUIREMENT

(12 HOURS)

TAKE 12 SEMESTER HOURS OF FREE ELECTIVE CREDIT.

12 HOURS

NOTE: IT IS STRONGLY SUGGESTED THAT STUDENTS TAKE MTH 2227 (4) AND PHY 3320 (3) FOR 7 OF THESE HOURS TO MEET REQUIRED PRE-REQUISITES FOR REQUIRED COURSES.