

COLLEGE OF ARTS AND SCIENCES APPROVED ACADEMIC PLAN  
 COMPREHENSIVE GENERAL SCIENCE PROGRAM – PROGRAM YEAR 2018-19

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

## COLLEGE OF ARTS AND SCIENCES APPROVED ACADEMIC PLAN COMPREHENSIVE GENERAL SCIENCE PROGRAM – PROGRAM YEAR 2018-19

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 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.	6 HOURS

**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 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.	9 HOURS

**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.