

1 <sup>ST</sup> YEAR	TERM 1		TERM 2		TERM 3		TERM 4		TERM 5	
	DR FREE ELEC MTH 1112	3	AREA IV SS COURSE	3	ENG 1102/04	3	DR FREE ELEC MTH 1114	3	AREA II HUM/FA COURSE	3
	ENG 1101/03	3	AREA II FINE ARTS COURSE	3	AREA III <u>PHY/CHM SEQ</u> COURSE	3/ 1	AREA IV SS COURSE	3		
	TROY 1101	1								
	TOTAL	7	TOTAL	6	TOTAL	7	TOTAL	6	TOTAL	3

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

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

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

MTH 1125 CALCULUS 1 4 HOURS  
MINIMUM GRADE OF "C" REQ

TAKE AN EIGHT-HOUR COURSE/LAB SEQUENCE IN CHEMISTRY OR PHYSICS 8 HOURS  
CHEMISTRY SEQUENCE CHM 1142/L142 AND CHM 1143/L143 OR  
PHYSICS SEQUENCE PHY 2252/L252 AND PHY 2253/L253 OR  
PHYSICS SEQUENCE PHY 2262/L262 AND PHY 2263/L263

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

CS 2250	COMPUTER SCIENCE I	3 HOURS
MTH 1126	CALCULUS II	4 HOURS
TROY 1101	UNIVERSITY ORIENTATION	1 HOUR

Every reasonable attempt to ensure accuracy has been made. Some courses (such as developmental or pre-requisite courses) are not reflected in this degree map. Completion of degree requirements is based on the specific catalog year for each student. A minimum of 120 hours is required for all baccalaureate degree programs. At least 25% of the credit hours required for the degree must be completed in residency with Troy University. At least 12 semester hours of residency must be completed in each major field(s) of study. A minimum GPA of 2.0 overall and in the major is required to graduate. NOTE: Please Consult The College Of Arts And Sciences or Current Catalog for other requirements not covered in this document. NOTES: A sequence in literature or history is required. please consider this requirement. When selecting course-work in AREAS II or IV.

TAKE THE FOLLOWING COURSES:

CS	2255	COMPUTER SCIENCE II	3 HOURS
CS	3310	FOUNDATIONS OF COMPUTER SCIENCE	3 HOURS
CS	3323	DATA STRUCTURES	3 HOURS
CS	3329	ANALYSIS OF ALGORITHMS	3 HOURS
CS	3332	SOFTWARE ENGINEERING I	3 HOURS
CS	3360	CONCEPTS OF OBJECT PROGRAM I	3 HOURS
CS	3365	INTRO COMPUTER ORGANIZATION & ARCHITECTURE	3 HOURS
CS	3370	NATURE OF PROGRAMMING LANGUAGE	3 HOURS
CS	3372	FORMAL LANGUAGE & THEORY OF COMPUTATION	3 HOURS
CS	4420	INTRODUCTION TO DATABASE SYSTEMS	3 HOURS
CS	4445	DATA COMMUNICATION & NETWORKING	3 HOURS
CS	4448	OPERATING SYSTEMS	3 HOURS
STAT	2210	INTRODUCTORY STATISTICS	3 HOURS
MTH	2215	APPLIED DISCRETE MATHEMATICS	3 HOURS

SELECT TWO ADDITIONAL COURSES FROM THE FOLLOWING 6 HOURS  
CS 3320, CS 3325, CS 3331, CS 3361, CS 4401, CS 4443, CS 4447, CS 4451,  
CS 4461, CS 4462, OR CS 4495.

TAKE 22 SEMESTER HOURS OF FREE ELECTIVE CREDIT 22 HOURS  
(MTH 1112 AND MTH 1114 ARE RECOMMENDED BY THE DEPARTMENT  
AS A FREE ELECTIVES DUE TO BEING PREREQUISITE COURSES FOR MTH 1125.  
DR DENOTES DEPARTMENTAL RECOMMENDED COURSES.)