

3 RD YEAR	term 1		term 2		term 3		term 4		term 5	
	CS 2265	3	MINOR COURSE	3	REQ MAJ COURSE	3	REQ MAJ COURSE	3	FREE ELEC	3
	REQ MAJ COURSE	3	MINOR COURSE	3	FREE ELEC	3	FREE ELEC	3	MINOR COURSE	3
	TOTAL	6	TOTAL	6	TOTAL	6	TOTAL	6	TOTAL	6
4 TH YEAR	term 1		term 2		term 3		term 4		term 5	
	REQ MAJ COURSE	3	MINOR COURSE	3	REQ MAJ COURSE	3	APPROVED MAJ	3	FREE ELEC	3
	APPROVED MAJ	3	REQ MAJ COURSE	3	APPROVED MAJ	3	MINOR COURSE	3	FREE ELEC	3
	TOTAL	6	TOTAL	6	TOTAL	6	TOTAL	6	TOTAL	6
SUBMIT GRADUATION APPLICATION										
TOTAL PROGRAM										120



COMPLETE ALL REQUIREMENTS

(48 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

6 HOURS

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

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

AREA III

MTH 2201 CALCULUS AND ITS APPLICATIONS

3 HOURS

MINIMUM GRADE OF "C" REQ

TAKE ANY TWO 1000-2000 LEVEL SCIENCE CLASSES (CLASS AND CORRESPONDING LAB) FROM THE FOLLOWING SCIENCE DISCIPLINES: BIOLOGY, CHEMISTRY, PHYSICS, PHYSICAL SCIENCE, OR OTHER SCIENCE AREAS. SELECT 2: BIO 1100/L100, BIO 1101/L101, BIO 1120/L120, BIO 2229/L229, CHM 1115/L115, CHM 1142/L142, CHM 1143/L143, CHM 2242/L242, PHY 2252/L252, PHY 2253/L253, PHY 2262/L262, PHY 2263/L263, SCI 2233/L233, SCI 2234/L234, SCI 2240/L240.

8 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,

9 HOURS

INTERDISCIPLINARY STUDIES, NURSING, POLITICAL SCIENCE, PSYCHOLOGY, RELIGION, SOCIAL WORK, SOCIOLOGY, OR OTHER SOCIAL SCIENCE AREAS.

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

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.

AREA V

IS	2241	COMPUTER CONCEPTS AND APPLICATIONS	3 HOURS
TROY	1101	THE UNIVERSITY EXPERIENCE	1 HOUR
MTH	2215	APPLIED DISCRETE MATHEMATICS	3 HOURS

APPLIED COMPUTER SCIENCE MAJOR

(36 HOURS)

TAKE THE FOLLOWING COURSES:

CS	2250	COMPUTER SCIENCE I	3 HOURS
CS	2255	COMPUTER SCIENCE II	3 HOURS
CS	2265	ADVANCED PROGRAMMING I	3 HOURS
CS	3330	DATA STRUCTURE & ALGORITHMS	3 HOURS
CS	4420	INTRODUCTION TO DATABASE SYSTEMS	3 HOURS
CS	4443	WEB-BASED SOFTWARE DEVELOPMENT	3 HOURS
CS	4445	DATA COMMUNICATION & NETWORKING	3 HOURS
CS	4447	SYSTEMS ANALYSIS AND DESIGN	3 HOURS
CS	4448	OPERATING SYSTEMS	3 HOURS

MAJOR ELECTIVES

SELECT THREE ADDITIONAL COURSES FROM THE FOLLOWING	9 HOURS
CS 3320, CS 3332, CS 3347, CS 4449, CS 4451, CS 4495, CS 4499, CS 4480, OR CS 4410	

MINOR

(18 HOURS)

AT LEAST ONE 18 SEMESTER HOUR MINOR IS REQUIRED TO COMPLETE THIS DEGREE PROGRAM. ADDITIONAL MAJORS ARE ACCEPTABLE.

FREE ELECTIVES REQUIREMENT

(18 HOURS)

TAKE 18 SEMESTER HOURS OF FREE ELECTIVE CREDIT	18 HOURS
(MTH 1112 PRECALCULUS ALGEBRA IS RECOMMENDED BY THE DEPARTMENT AS A FREE ELECTIVE DUE TO BEING A PREREQUISITE COURSE FOR MTH 2201 AND MTH 2215. DR DENOTES DEPARTMENTAL RECOMMENDED COURSE.)	