

MY DEGREE MAP
COLLEGE OF ARTS AND SCIENCES
CYBER SECURITY PROGRAM
PROGRAM YEAR 2018-19

FALL SEMESTER	HOURS	SPRING SEMESTER	HOURS
TROY 1101	1	ENG 1102/04	3
ENG 1101/03	3	MTH 2210	3
MTH 1125	4	AREA II FINE ARTS COURSE	3
AREA IV SS COURSE (CJ 1101 DR)	3	FREE ELEC (CS 3310 DR)	3
AREA II HUM/FA COURSE	3	CS 2250	3
TOTAL	14	TOTAL	15
FALL SEMESTER	HOURS	SPRING SEMESTER	HOURS
AREA II LIT COURSE	3	MTH 2215	3
CS 2255	3	AREA III SCI/LAB SEQ COURSE	3/1
CS 3334	3	CS 3360	3
CS 3333	3	CS 3365	3
AREA III SCI/LAB SEQ COURSE	3/1	AREA IV HIS COURSE	3
TOTAL	16	TOTAL	16
FALL SEMESTER	HOURS	SPRING SEMESTER	HOURS
CS 3323	3	CS 3336	3
FREE ELEC (CS 3325 DR)	3	AREA II HUM/FA COURSE	3
CJ 4472	3	CJ 4473	3
CS 4452	3	CS 4453	3
AREA IV SS COURSE	3	APPROVED MAJ ELEC	3
TOTAL	15	TOTAL	15
FALL SEMESTER	HOURS	SPRING SEMESTER	HOURS
CS 4454	3	AREA IV SS COURSE	3
CS 4420	3	CS 4455	3
CS 4445	3	CS 4448	3
FREE ELEC	3	FREE ELEC	3
FREE ELEC	3	FREE ELEC	2
FILE YOUR GRADUATION APPLICATION			
TOTAL	15	TOTAL	14
		TOTAL HOURS	120

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COMPLETE ALL REQUIREMENTS (49 HOURS)

AREA I

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

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

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

AREA III

MTH 1125 CALCULUS I 4 HOURS
MINIMUM GRADE OF "C" REQUIRED

TAKE ONE SEQUENCE WITH CORRESPONDING LABS 8 HOURS
CHM 1142/LAB AND CHM 1143/LAB
PHY 2252/LAB AND PHY 2253/LAB
PHY 2262/LAB AND PHY 2263/LAB

AREA IV

TAKE ANY 1000-2000 LEVEL COURSE WITH A PRIMARY FOCUS IN HISTORY. 3 HOURS

TAKE ANY THREE 1000-2000 LEVEL COURSES 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

NOTE: CJ 1101 IS A PREREQUISITE FOR ALL UPPER-LEVEL CJ COURSES, THEREFORE, THIS COURSE SHOULD BE TAKEN AS ONE OF THE SOCIAL SCIENCE ELECTIVES. DR DENOTES DEPARTMENTAL RECOMMENDED COURSE.

AREA V

CS 2250 COMPUTER SCIENCE I 3 HOURS
TROY 1101 UNIVERSITY ORIENTATION 1 HOUR
MTH 2210 INTRODUCTORY STATISTICS 3 HOURS

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ELECTRONICS ENGINEERING TECHNOLOGY (54 HOURS)
2.0 GPA REQUIRED

TAKE THE FOLLOWING COURSES:

CJ	4472	CYBER CRIME	3 HOURS
CJ	4473	COMPUTER FORENSICS	3 HOURS
CS	2255	COMPUTER SCIENCE II	3 HOURS
CS	3323	DATA STRUCTURES	3 HOURS
CS	3360	CONCEPTS OF OBJECTS ORIENTED PROGRAMMING I	3 HOURS
CS	3365	INTRO TO COMP ORGANIZATION AND ARCHITECTURE	3 HOURS
CS	3333	INTRODUCTION TO CRYPTOGRAPHY	3 HOURS
CS	3334	FOUNDATIONS OF CYBER SECURITY	3 HOURS
CS	3336	INFORMATION ASSURANCE	3 HOURS
CS	4452	CYBER SECURITY POLICIES AND COMPLIANCE	3 HOURS
CS	4453	ETHICAL HACKING	3 HOURS
CS	4454	SECURE SOFTWARE DEVELOPMENT	3 HOURS
CS	4455	CYBER SECURITY TECHNIQUES AND PRACTICES	3 HOURS
CS	4420	INTRODUCTION TO DATABASE SYSTEMS	3 HOURS
CS	4445	DATA COMMUNICATION AND NETWORKING	3 HOURS
CS	4448	OPERATING SYSTEMS	3 HOURS
MTH	2215	APPLIED DISCRETE MATHEMATICS	3 HOURS

SELECT ONE COURSE FROM ANY UPPER LEVEL (3000/4000 LEVEL)
COMPUTER SCIENCE ELECTIVE 3 HOURS

FREE ELECTIVES REQUIREMENT (17 HOURS)

TAKE 17 SEMESTER HOURS OF FREE ELECTIVE CREDIT. 17 HOURS
(CS 3310 DR; CS 3325 DR; DR DENOTES DEPARTMENTAL RECOMMENDED
COURSE. CS 3310 IS A PREREQUISITE COURSE FOR CS 3365
AND CS 3325 IS A PREREQUISITE COURSE FOR CS 3336.)

TOTAL REQUIRED HOURS 120 HOURS