TROY UNIVERSITY ™

MY DEGREE MAP
COLLEGE OF ARTS AND SCIENCES
CYBER SECURITY PROGRAM—PROGRAM YEAR 2019-2020

1ST YEAR			
1ST SEMESTER	HOURS	2ND SEMESTER	HOURS
TROY 1101	1	ENG 1102/04	3
ENG 1101/03	3	STAT 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
2ND YEAR			
3RD SEMESTER	HOURS	4TH 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
3RD YEAR			
5TH SEMESTER	HOURS	6TH 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
4TH YEAR			
7TH SEMESTER	HOURS	8TH 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 INTENT TO GRADUATE			
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
STAT	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)   3 HOURS
COMPUTER SCIENCE ELECTIVE

FREE ELECTIVES REQUIREMENT   **(17 HOURS)**

TAKE 17 SEMESTER HOURS OF FREE ELECTIVE CREDIT.   17 HOURS

(CJ 1101 DR; CS 3310 DR; CS 3325 DR; DR DENOTES DEPARTMENTAL RECOMMENDED
COURSE. CJ 1101 IS A PREREQUISITE COURSE FOR CJ 4472 AND CJ 4472.
CS 3310 IS A PREREQUISITE COURSE FOR CS 3365AND CS 3325 IS A PREREQUISITE
COURSE FOR CS 3336.)