TROY UNIVERSITY ™

MY DEGREE MAP
COLLEGE OF ARTS AND SCIENCES
CYBER SECURITY PROGRAM-PROGRAM YEAR 2024-25

1ST YEAR				
1ST SEMESTER	HRS	2ND SEMESTER	HRS	SUMMER SEMESTER
TROY 1101 OR TROY 1105	1	ENG 1102/04	3	NOTE: SELECT COURSES THAT HAVE NOT BEEN COMPLETED FROM PREVIOUS TERMS OR COURSES TO BE RETAKEN
ENG 1101/03	3	AREA III SCI/LAB COURSE	3/1	
FREE ELEC (MTH 1112 DR)	3	AREA II HUM/FA COURSE	3	
AREA IV SS COURSE (CJ 1101 DR)	3	FREE ELEC (MTH 1114 DR)	3	
AREA II FINE ARTS COURSE	3	AREA IV SS COURSE	3	
TOTAL	**13**	**TOTAL**	**16**	

2ND YEAR				
3RD SEMESTER	HRS	4TH SEMESTER	HRS	SUMMER SEMESTER
AREA II LIT COURSE	3	CS 3334	3	NOTE: SELECT COURSES THAT HAVE NOT BEEN COMPLETED FROM PREVIOUS TERMS OR COURSES TO BE RETAKEN
MTH 1125	4	AREA IV SS COURSE	3	
CS 2250	3	MTH 2215	3	
AREA IV HIS COURSE	3	CS 2255	3	
AREA III SCI/LAB COURSE	3/1	FREE ELEC	3	
TOTAL	**17**	**TOTAL**	**15**	

3RD YEAR				
5TH SEMESTER	HRS	6TH SEMESTER	HRS	SUMMER SEMESTER
CJ 3380	3	CJ 4472	3	TAKE CS 4445 BEFORE CS 4453 TAKE CS 4453 BEFORE CS 4455 TAKE CS 3323 BEFORE CS 4454, CS 4420, CS 4445, CS 4448
STAT 2210	3	REQ MAJ COURSE	3	
REQ MAJ COURSE	3	REQ MAJ COURSE	3	
REQ MAJ COURSE	3	REQ MAJ COURSE	3	
AREA II HUM/FA COURSE	3	FREE ELEC	3	
TOTAL	**15**	**TOTAL**	**15**	

4TH YEAR				
7TH SEMESTER	HRS	8TH SEMESTER	HRS	SUMMER SEMESTER
REQ MAJ COURSE	3	REQ MAJ ELEC	3	NOTE: SELECT COURSES THAT HAVE NOT BEEN COMPLETED FROM PREVIOUS TERMS OR COURSES TO BE RETAKEN
REQ MAJ COURSE	3	REQ MAJ ELEC	3	
REQ MAJ COURSE	3	REQ MAJ ELEC	3	
REQ MAJ COURSE	3	APPROVED MAJ ELEC	3	
FREE ELEC	3	FREE ELEC	2	
SUBMIT GRADUATION APPLICATION				
TOTAL	**15**	**TOTAL**	**14**	
		TOTAL PROGRAM	**120**	

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,
NURSING, 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 ANY TWO 1000-2000 LEVEL SCIENCE CLASSES FROM THE FOLLOWING: BIOLOGY, CHEMISTRY,
PHYSICS, PHYSICAL SCIENCE, OR OTHER SCIENCE AREAS.   8 HOURS

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   9 HOURS
SCIENCE DISCIPLINES: ANTHROPOLOGY, BUSINESS, CRIMINAL JUSTICE,
ECONOMICS, GEOGRAPHY, HISTORY, HUMAN SERVICES, LEADERSHIP,
HOSPITALITY, SPORT, AND TOURISM MANAGEMENT, INTERDISCIPLINARY STUDIES,
NURSING, POLITICAL SCIENCE, PSYCHOLOGY, NUTRITION, RELIGION, SOCIAL WORK,
SOCIOLOGY, OR OTHER SOCIAL SCIENCE AREAS.

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

AREA V

CS	2250	COMPUTER SCIENCE I	3 HOURS
TROY	1101 OR TROY 1105		1 HOUR
STAT	2210	INTRODUCTORY STATISTICS	3 HOURS

COLLEGE OF ARTS AND SCIENCES
CYBER SECURITY PROGRAM-PROGRAM YEAR 2024-25

CYBER SECURITY PROGRAM   **(54 HOURS)**
2.0 GPA REQUIRED

TAKE THE FOLLOWING COURSES:

CJ	3380	DIGITAL FORENSICS	3 HOURS
CJ	4472	CYBER CRIME	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 3340, CJ 3380, AND CJ 4472. CS 3310 IS A PREREQUISITE COURSE FOR CS 3365AND CS 3325 IS A PREREQUISITE COURSE FOR CS 3336.), MTH 1112 & MTH 1114 ARE PREREQUISITES FOR MTH 1125).