TROY UNIVERSITY ™

MY DEGREE MAP
COLLEGE OF ARTS AND SCIENCES
CYBER SECURITY PROGRAM-PROGRAM YEAR 2023-24

1ST YEAR			
1ST SEMESTER	HRS	2ND SEMESTER	HRS
TROY 1101	1	ENG 1102/04	3
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
AREA II LIT COURSE	3	CS 3334	3
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
CJ 3380	3	CJ 4472	3
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
REQ MAJ COURSE	3	REQ MAJ ELEC	3
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

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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 3 HOURS
AND CULTURAL SCOPE IN FINE ARTS, INCLUDING THE DISCIPLINES OF
ART, MUSIC, THEATRE, FILM, OR OTHER FINE ARTS AREA.

TAKE ANY TWO 1000-2000 LEVEL COURSES WITH AN EXPANDED 6 HOURS
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.

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. 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 ANY THREE 1000-2000 LEVEL COURSES FROM THE FOLLOWING SOCIAL 9 HOURS
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.

**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	THE UNIVERSITY EXPERIENCE	1 HOUR
STAT	2210	INTRODUCTORY STATISTICS	3 HOURS

COLLEGE OF ARTS AND SCIENCES
CYBER SECURITY PROGRAM-PROGRAM YEAR 2023-24

ELECTRONICS ENGINEERING TECHNOLOGY   **(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.)