

SCHOOL OF BUSINESS AND TECHNOLOGY DEPARTMENT OF COMPUTER SCIENCE

FACULTY

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<https://www.swosu.edu/academics/academic-departments/computer-science/index.php>

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DEPARTMENTAL GOALS

Student Learning Outcomes for the Bachelor of Science in Computer Science:

1. Describe the fundamentals of problem solving, communication, and team work as they pertain to the field of computer science with focus on the elected option: computer forensics, cybersecurity, data analytics, management information systems, software development, or video game design.
2. Apply troubleshooting techniques in networks and other technologies and problem-solving techniques to successfully execute programming code with a team.
3. Given a professional project, investigate possible solutions; develop, formulate, and present chosen solution.

The Department of Computer Science provides students the opportunity to prepare for professional opportunities in industry and education.

Particular areas addressed by the Bachelor of Science in Computer Science:

1. Broad-based technical problems allow graduates to explore new and advancing technologies.
2. Prepare members of the work force to meet area, state and regional demands for technology in industry and education.
3. Develop curriculum and maintain faculty, equipment, and facilities to meet the standards set by appropriate state and national accrediting agencies.

PROGRAMS OF STUDY

Majors: B.S. Computer Science

- Computer Forensics Option
- Cybersecurity Option
- Data Analytics Option
- Management Information Systems Option
- Software Development Option
- Video Game Design Option

A.S. Computer Science

Minors: Computer Science
Computer Forensics
Management Information Systems

GENERAL INFORMATION

Career opportunities are numerous in all technology fields and command competitive salaries. Examples of recent graduate placements are manufacturing engineering technologists, quality assurance managers, plant and production supervisors, production analysts, planners and schedulers, and estimators.

Within the Department of Computer Science, the student organization – the Computer Club – promotes professional development and social activities. The club meets on a regular basis and organizes activities such as industrial plant tours, robotics competitions, and educational conferences.

For more information visit our web site at:

<https://www.swosu.edu/academics/academic-departments/computer-science/index.php>

BACHELOR OF SCIENCE COMPUTER SCIENCE (COMSC.BS)

GENERAL EDUCATION (Min. 40 hours)

Bolded courses are required. Italicized courses are recommended.

Communication	9
ENGL 1113 English Composition I	
ENGL 1213 English Composition II	
COMM 1313 Introduction to Public Speaking OR	
TECH 3143 Technical Presentations (<i>if permitted by degree program</i>)	
Quantitative Reasoning	3
<i>Select one course.</i>	
MATH 1143 Mathematical Concepts	
MATH 1153 Mathematical Applications	
MATH 1193 Elementary Statistics	
MATH 1313 Functions and Modeling	
MATH 1513 College Algebra	
or a higher numbered math course	
U. S. History	3
<i>Select one course.</i>	
HIST 1043 U.S. History to 1877	
HIST 1053 U.S. History since 1877	
American Government	3
POLSC 1103 American Government & Politics	
Science	7-8
<i>Select one course from Life Science and one course from Physical Science. One Science course must be a lab science.</i>	
Life Science	3-4
BIOL 1004 Biological Concepts w/Lab	
BIOL 1013 Current Issues in Biology	
BIOL 1054 Principles of Biology I w/Lab	
Physical Science	3-4
ASTRO 1904 Astronomy	
CHEM 1004 General Chemistry w/Lab	
GEOL 1934 Physical Geology w/Lab	
PHY 1044 Basic Physics I w/Lab	
PHY 1063 General Physics (or a higher numbered chemistry or physics course)	
SCI 1501 Concepts of Physical Science Lab	
SCI 1513 Conc of Phy Science (can be taken w/wo lab)	
Humanities and Social Science	12
<i>Select one course from the first two sub-categories. The two bolded courses in the last sub-category are required.</i>	
Humanities	3
GEOG 1103 World Cultural Geography	
HIST 1033 World History	
HUM 1103 Introduction to Humanities	
Fine Arts	3
ART 1223 Art Survey	
COMM 1263 Introduction to Theatre	
LIT 2333 Introduction to Film	
LIT 2413 Introduction to Literature	
MUSIC 1013 Introduction to Music I	
MUSIC 1103 Music and Culture (Music majors only)	
MUSIC 1123 History of Rock-n-Roll	
PHILO 1453 Introduction to Philosophy	
Social and Human Sciences	6
ASL 2163 American Sign Language I	
ECONO 2263 Intro to Macroeconomics	
ECONO 2363 Intro to Microeconomics	
ENTRP 1123 Intro to Business	
FINAN 2113 Personal Financial Planning	
ITAL 1004 Elementary Italian I	
KINES 1133 Wellness Conc & Exercise Applications	
LATIN 1054 Elementary Latin I (or higher number)	
PSYCH 1003 General Psychology	
SOCIO 1003 Introduction to Sociology	
SPAN 1054 Elementary Spanish I (or higher number)	
TECH 1223 Technology and Society	
Computer Proficiency	3
COMSC 1023 Computers and Info Access	

COMPUTER SCIENCE MAJOR

Required Courses	33
COMSC 1033 Computer Science I	
COMSC 1053 Computer Science II	
COMSC 1103 Intro to Information Security & Ethics	
COMSC 2043 Discrete Structures	
COMSC 3053 Operating Systems	
COMSC 3153 Data Communications & Networks	
COMSC 4173 Mobile Applications	
COMSC 4513 Business Intelligence	
COMSC 4953 CS/IS Capstone I	
ENTRP 3113 Intro to MIS	
TECH 3143 Technical Presentations	
Approved Computer Science Electives	9
1000/2000 Level Computer Science Electives (0-3)	
3000/4000 Level Computer Science Electives (6-9)	
Choose an option below	21-22
Computer Forensics Option (CMPFR)	21
Required Courses	18
COMSC 2603 Network Security	
COMSC 3253 Introduction to Computer Forensics	
COMSC 3403 Database Systems	
COMSC 3603 Hardware/Software Concepts	
COMSC 3853 Computer Forensics Analysis	
CRMJS 1113 Intro to Criminal Justice	
Auxiliary Requirement†	3
CRMJS 3163 Sociology Deviant & Criminal Behavior	
PSYCH 3323 Abnormal Psychology	
PSYCH 3363 Psychology of Personality	
Cybersecurity Option (CYBER)	21
Required Courses	18
COMSC 2603 Network Security	
COMSC 3403 Database Systems	
COMSC 3413 Introduction to Cybersecurity	
COMSC 3613 Cybersecurity Ethics & Law	
COMSC 4143 Server Management	
CRMJS 1113 Intro to Criminal Justice	
Auxiliary Requirement†	3
CRMJS 3163 Sociology Deviant & Criminal Behavior	
PSYCH 3323 Abnormal Psychology	
PSYCH 3363 Psychology of Personality	
Data Analytics Option (DATAA)	21
Required Courses	18
COMSC 2413 Data Structures	
COMSC 3013 Computer Architecture	
COMSC 3133 Software Engineering	
COMSC 3913 Web Development	
COMSC 4133 Design & Analysis of Computer Algorithms	
ECONO 2463 Business Statistics	
Auxiliary Requirement†	3
ENTRP 3823 Quantitative Methods in Business	
MNGMT 3233 Management	
MNGMT 4133 Production Operations Management	
MRKTG 3143 Principles of Marketing	
MRKTG 4243 Marketing Research	
Management Information Systems Option (MNINS)	21
Required Courses	21
COMSC 2603 Network Security	
COMSC 3403 Database Systems	
COMSC 3913 Web Development	
COMSC 4043 Geographical Information Systems	
COMSC 4143 Server Management	
ECONO 2463 Business Statistics	
ENTRP 3823 Quantitative Methods in Business	

Software Development Option (SOFTD)21-22

Required Courses15

- COMSC 2413 Data Structures
- COMSC 3013 Computer Architecture
- COMSC 3133 Software Engineering
- COMSC 3603 Hardware/Software Concepts
- COMSC 4133 Design & Analysis of Computer Algorithms

Auxiliary Requirements† 6-7

- MATH 1834 Calculus I
- OR** MATH 2823 Applied Calculus
- ECONO 2463 Business Statistics

Video Game Design Option (VIDGD)21

Required Courses21

- COMSC 2463 Programming in C# with Unity
- COMSC 2473 Programming in C++
- COMSC 3123 Introduction to eSports Management
- COMSC 3133 Software Engineering
- ENGL 4653 Writing for Multimedia
- ENTRP 4123 Professional Development
- MRKTG 3143 Principles of Marketing

† Auxiliary Requirements may have prerequisite course requirements. Please check the SWOSU Course Descriptions prior to enrollment.

Electives to bring total to 120

TOTAL HOURS..... 120

REGULATIONS PERTAINING TO GRADUATION

- Minimum credit hours for graduation 120
- Minimum credit hours in the liberal arts & sciences.....55
- Minimum credit hours in upper-division
(3000/4000 courses).....40
- Minimum credit hours (3000/4000 courses)
in major completed at SWOSU12
- Minimum credit hours at SWOSU (15 of the last 30)30
- Minimum Grade Point Average in all coursework..... 2.00
- Minimum Grade Point Average in major..... 2.00

**COMPUTER SCIENCE MAJOR (COMSC.BS)
Computer Forensics Option (CMPFR)
Suggested Course Sequence**

FIRST YEAR

FIRST SEMESTER	SECOND SEMESTER
1003 General Psychology (3) 1023 Computers and Information Access (3) 1033 Computer Science I.(3) 1051 SWOSUConnect* (1) 1113 English Composition I (3) 1513 College Algebra (3)	1053 Computer Science II (3) 1103 Intro to Information Security and Ethics (3) 1103 American Government and Politics (3) 1213 English Composition II (3) SCIENCE Course #1 (4)
Total (16)	Total (16)

SECOND YEAR

FIRST SEMESTER	SECOND SEMESTER
1043 or 1053 U.S. History (3) 1113 Introduction to Criminal Justice (3) 1313 Introduction to Public Speaking (3) 2043 Discrete Structures (3) 2603 Network Security (3)	2263 Introduction to Macroeconomics (3) 3253 Introduction to Computer Forensics (3) Computer Science (COMSC) Elective** (3) Humanities Course (3) SCIENCE Course #2 (3)
Total (15)	Total (15)

THIRD YEAR

FIRST SEMESTER	SECOND SEMESTER
3053 Operating Systems (3) 3113 Introduction to MIS (3) 3603 Hardware/Software Concepts (3) Computer Science (COMSC) Elective** (3) Fine Arts Course (3)	3153 Data Communications and Networks (3) 3403 Database Systems (3) 4173 Mobile Applications (3) 4513 Business Intelligence (3) Free Electives (3)
Total (15)	Total (15)

FOURTH YEAR

FIRST SEMESTER	SECOND SEMESTER
3143 Technical Presentations (3) Computer Science (COMSC) Elective** (3) Forensics Auxiliary Requirement (3) Free Electives (6)	3853 Computer Forensics Analysis (3) 4953 CS/IS Capstone (3) Free Electives (7)
Total (15)	Total (13)

* First time entering SWOSU students need to take 1051 SWOSUConnect.

**1000-2000 level Computer Science (COMSC) course (0-3 hours); 3000-4000 level Computer Science (COMSC) course (6-9 hours)

**COMPUTER SCIENCE MAJOR (COMSC.BS)
Cybersecurity Option (CYBER)
Suggested Course Sequence**

FIRST YEAR

FIRST SEMESTER	SECOND SEMESTER
1003 General Psychology (3) 1023 Computers and Information Access (3) 1033 Computer Science I (3) 1051 SWOSUConnect* (1) 1113 English Composition I (3) 1513 College Algebra (3)	1053 Computer Science II (3) 1103 Introduction to Information Security and Ethics (3) 1103 American Government and Politics (3) 1213 English Composition II (3) SCIENCE Course #1 (4)
Total (16)	Total (16)

SECOND YEAR

FIRST SEMESTER	SECOND SEMESTER
1043 or 1053 U.S. History (3) 1113 Introduction to Criminal Justice (3) 1313 Introduction to Public Speaking (3) 2043 Discrete Structures (3) 2603 Network Security (3)	2263 Introduction to Macroeconomics (3) 3403 Database Systems (3) Computer Science (COMSC) Elective** (3) Humanities Course (3) Science Course #2 (3)
Total (15)	Total (15)

THIRD YEAR

FIRST SEMESTER	SECOND SEMESTER
3053 Operating Systems (3) 3113 Introduction to MIS (3) 3413 Introduction to Cybersecurity (3) Computer Science (COMSC) Elective** (3) Fine Arts Course (3)	3153 Data Communications and Networks (3) 3613 Cybersecurity Ethics and Law (3) 4173 Mobile Applications (3) 4513 Business Intelligence (3) Free Electives (3)
Total (15)	Total (15))

FOURTH YEAR

FIRST SEMESTER	SECOND SEMESTER
3143 Technical Presentations (3) Computer Science (COMSC) Elective** (3) Cybersecurity Auxiliary Requirement (3) Free Electives (6)	4143 Server Management (3) 4953 CS/IS Capstone (3) Free Electives (7)
Total (15)	Total (13)

* First time entering SWOSU students need to take 1051 SWOSUConnect.

**1000-2000 level Computer Science (COMSC) course (0-3 hours); 3000-4000 level Computer Science (COMSC) course (6-9 hours).

**COMPUTER SCIENCE MAJOR (COMSC.BS)
Data Analytics Option (DATAA)
Suggested Course Sequence**

FIRST YEAR

FIRST SEMESTER	SECOND SEMESTER
1003 General Psychology (3) 1023 Computers and Information Access (3) 1033 Computer Science I (3) 1051 SWOSUConnect* (1) 1113 English Composition I (3) 1513 College Algebra (3)	1053 Computer Science II (3) 1103 Introduction to Information Security and Ethics (3) 1103 American Government and Politics (3) 1213 English Composition II (3) Science Course #1 (4)
Total (16)	Total (16)

SECOND YEAR

FIRST SEMESTER	SECOND SEMESTER
1043 or 1053 U.S. History (3) 1313 Introduction to Public Speaking (3) 2043 Discrete Structures (3) 2413 Data Structures (3) 2463 Business Statistics (3)	2263 Introduction to Macroeconomics (3) Computer Science (COMSC) Elective** (3) Data Analytics Auxiliary Requirement (3) Humanities Course (3) Science Course #2 (3)
Total (15)	Total (15)

THIRD YEAR

FIRST SEMESTER	SECOND SEMESTER
3013 Computer Architecture (3) 3053 Operating Systems (3) 3113 Introduction to MIS (3) Computer Science (COMSC) Elective** (3) Fine Arts Course (3)	3133 Software Engineering (3) 3153 Data Communications and Networks (3) 4173 Mobile Applications (3) Free Elective (3)
Total (15)	Total (12)

Summer before FOURTH YEAR

FIRST SEMESTER
4133 Design and Analysis of Computer Algorithms (3)
Total (3)

FOURTH YEAR

FIRST SEMESTER	SECOND SEMESTER
3143 Technical Presentations (3) 3913 Web Development (3) Computer Science (COMSC) Elective** (3) Free Electives (6)	4513 Business Intelligence (3) 4953 CS/IS Capstone (3) Free Electives (7)
Total (15)	Total (13)

* First time entering SWOSU students need to take 1051 SWOSUConnect.

**1000-2000 level Computer Science (COMSC) course (0-3 hours); 3000-4000 level Computer Science (COMSC) course (6-9 hours).

**COMPUTER SCIENCE MAJOR (COMSC.BS)
Management Information Systems Option (MNINS)
Suggested Course Sequence**

FIRST YEAR

FIRST SEMESTER	SECOND SEMESTER
1003 General Psychology (3) 1023 Computers and Information Access (3) 1033 Computer Science I (3) 1051 SWOSUConnect* (1) 1113 English Composition I (3) 1513 College Algebra (3)	1053 Computer Science II (3) 1103 Introduction to Information Security and Ethics (3) 1103 American Government and Politics (3) 1213 English Composition II (3) Science Course #1 (4)
Total (16)	Total (16)

SECOND YEAR

FIRST SEMESTER	SECOND SEMESTER
1043 or 1053 U.S. History (3) 1313 Introduction to Public Speaking (3) 2043 Discrete Structures (3) 2463 Business Statistics (3) 2603 Network Security (3)	2263 Introduction to Macroeconomics (3) 3403 Database Systems (3) Computer Science (COMSC) Elective** (3) Humanities Course (3) Science Course #2 (3)
Total (15)	Total (15)

THIRD YEAR

FIRST SEMESTER	SECOND SEMESTER
3053 Operating Systems (3) 3113 Introduction to MIS (3) 3913 Web Development (3) Computer Science (COMSC) Elective** (3) Fine Arts Course (3)	3153 Data Communications and Networks (3) 3823 Quantitative Methods in Business(3) 4043 Geographic Information Systems (3) 4173 Mobile Applications (3) Free Electives (3)
Total (15)	Total (15))

FOURTH YEAR

FIRST SEMESTER	SECOND SEMESTER
3143 Technical Presentations (3) 4143 Server Management (3) Computer Science (COMSC) Elective** (3) Free Electives (6)	4513 Business Intelligence (3) 4953 CS/IS Capstone (3) Free Electives (7)
Total (15)	Total (13)

* First time entering SWOSU students need to take 1051 SWOSUConnect.

**1000-2000 level Computer Science (COMSC) course (0-3 hours); 3000-4000 level Computer Science (COMSC) course (6-9 hours).

**COMPUTER SCIENCE MAJOR (COMSC.BS)
Software Development Option (SOFTD)
Suggested Course Sequence**

FIRST YEAR

FIRST SEMESTER	SECOND SEMESTER
1003 General Psychology (3) 1023 Computers and Information Access (3) 1033 Computer Science I (3) 1051 SWOSUConnect* (1) 1113 English Composition I (3) 1513 College Algebra (3)	1053 Computer Science II (3) 1103 Introduction to Information Security and Ethics (3) 1103 American Government and Politics (3) 1213 English Composition II (3) Science Course #1 (4)
Total (16)	Total (16)

SECOND YEAR

FIRST SEMESTER	SECOND SEMESTER
1043 or 1053 U.S. History (3) 1313 Introduction to Public Speaking (3) 1834 Calculus I OR 2823 Applied Calculus (3-4) 2043 Discrete Structures (3) 2413 Data Structures (3)	2263 Introduction to Macroeconomics (3) 2463 Business Statistics (3) Computer Science (COMSC) Elective** (3) Humanities Course (3) Science Course #2 (3)
Total (15-16)	Total (15)

THIRD YEAR

FIRST SEMESTER	SECOND SEMESTER
3053 Operating Systems (3) 3113 Introduction to MIS (3) 3603 Hardware/Software Concepts (3) Computer Science (COMSC) Elective** (3) Fine Arts Course (3)	3133 Software Engineering (3) 3153 Data Communications and Networks (3) 4173 Mobile Applications (3) Free Elective (3)
Total (15)	Total (12)

Summer before FOURTH YEAR

FIRST SEMESTER
4133 Design and Analysis of Computer Algorithms (3)
Total (3)

FOURTH YEAR

FIRST SEMESTER	SECOND SEMESTER
3013 Computer Architecture (3) 3143 Technical Presentations (3) Computer Science (COMSC) Elective** (3) Free Electives (6)	4513 Business Intelligence (3) 4953 CS/IS Capstone (3) Free Electives (6-7)***
Total (15)	Total (12-13)

* First time entering SWOSU students need to take 1051 SWOSUConnect.

**1000-2000 level Computer Science (COMSC) course (0-3 hours); 3000-4000 level Computer Science (COMSC) course (6-9 hours)

***Only 6 hours Free Electives needed if 4-hour MATH (1834 Calculus I) was taken.

**COMPUTER SCIENCE MAJOR (COMSC.BS)
Video Game Design Option (VIDGD)
Suggested Course Sequence**

FIRST YEAR

FIRST SEMESTER	SECOND SEMESTER
1003 General Psychology (3) 1023 Computers and Information Access (3) 1033 Computer Science I (3) 1051 SWOSUConnect* (1) 1113 English Composition I (3) 1513 College Algebra (3)	1053 Computer Science II (3) 1103 Introduction to Information Security and Ethics (3) 1103 American Government and Politics (3) 1213 English Composition II (3) Science Course #1 (4)
Total (16)	Total (16)

SECOND YEAR

FIRST SEMESTER	SECOND SEMESTER
1043 or 1053 U.S. History (3) 1313 Introduction to Public Speaking (3) 2043 Discrete Structures (3) 2473 Programming in C++ (3) Free Elective (3)	2263 Introduction to Macroeconomics (3) 2463 Programming in C++ with Unity (3) Computer Science (COMSC) Elective** (3) Humanities Course (3) Science Course #2 (3)
Total (15)	Total (15)

THIRD YEAR

FIRST SEMESTER	SECOND SEMESTER
3053 Operating Systems (3) 3113 Introduction to MIS (3) 3123 Introduction to eSports Management (3) Computer Science (COMSC) Elective** (3) Fine Arts Course (3)	3133 Software Engineering (3) 3143 Principles of Marketing (3) 3153 Data Communications and Networks (3) 4173 Mobile Applications (3) 4513 Business Intelligence (3)
Total (15)	Total (15)

FOURTH YEAR

FIRST SEMESTER	SECOND SEMESTER
3143 Technical Presentations (3) 4653 Writing for Multimedia (3) Computer Science (COMSC) Elective** (3) Free Electives (6)	4123 Professional Development (3) 4953 CS/IS Capstone (3) Free Electives (7)
Total (15)	Total (13)

* First time entering SWOSU students need to take 1051 SWOSUConnect.

**1000-2000 level Computer Science (COMSC) course (0-3 hours); 3000-4000 level Computer Science (COMSC) course (6-9 hours).

ASSOCIATE IN SCIENCE DEGREE COMPUTER SCIENCE (COMSA.AS)

GENERAL EDUCATION (Min. 40 hours)

Bolded courses are required. *Italicized courses are recommended.*

Communication.....9

ENGL	1113	English Composition I
ENGL	1213	English Composition II
COMM	1313	Introduction to Public Speaking OR
TECH	3143	Technical Presentations (if permitted by degree program)

Quantitative Reasoning.....3

Select one course.

MATH	1143	Mathematical Concepts
MATH	1153	Mathematical Applications
MATH	1193	Elementary Statistics
MATH	1313	Functions and Modeling
MATH	1513	College Algebra

or a higher numbered math course

U. S. History.....3

Select one course.

HIST	1043	U.S. History to 1877
HIST	1053	U.S. History since 1877

American Government.....3

POLSC	1103	American Government & Politics
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Science.....7-8

Select one course from Life Science and one course from Physical Science. One Science course must be a lab science.

Life Science.....3-4

BIOL	1004	Biological Concepts w/Lab
BIOL	1013	Current Issues in Biology
BIOL	1054	Principles of Biology I w/Lab

Physical Science.....3-4

ASTRO	1904	Astronomy
CHEM	1004	General Chemistry w/Lab
GEOL	1934	Physical Geology w/Lab
SCI	1501	Concepts of Physical Science Lab
SCI	1513	Conc of Phy Science (can be taken w/wo lab)
PHY	1044	Basic Physics I w/Lab
PHY	1063	General Physics (or a higher numbered chemistry or physics course)

Humanities and Social Science12

Select one course from each sub-category and one additional course from any subcategory below.

Humanities.....3

HUM	1103	Introduction to Humanities
GEOG	1103	World Cultural Geography
HIST	1033	World History

Fine Arts.....3

ART	1223	Art Survey
COMM	1263	Introduction to Theatre
LIT	2333	Introduction to Film
LIT	2413	Introduction to Literature
MUSIC	1123	History of Rock-n-Roll
MUSIC	1013	Introduction to Music I
MUSIC	1103	Music and Culture (Music majors only)
PHILO	1453	Introduction to Philosophy

Social and Human Sciences.....3

ASL	2163	American Sign Language I
ECONO	2263	Intro to Macroeconomics
ECONO	2363	Intro to Microeconomics
ENTRP	1123	Intro to Business
FINAN	2113	Personal Financial Planning
ITAL	1004	Elementary Italian I
KINES	1133	Wellness Conc & Exercise Applications
LATIN	1054	Elementary Latin I (or higher number)
PSYCH	1003	General Psychology
SOCIO	1003	Introduction to Sociology
SPAN	1054	Elementary Spanish I (or higher number)
TECH	1223	Technology and Society

Computer Proficiency.....3

COMSC	1023	Computers and Info Access
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Degree Program Core Courses.....18

COMSC	1033	Computer Science I†
COMSC	1053	Computer Science II†
COMSC	1103	Intro to Information Security & Ethics
COMSC	2043	Discrete Structures
COMSC	2473	Programming in C++
COMSC	2603	Network Security*

Guided Elective (choose one).....3

ACCTG	2213	Principles of Financial Accounting
ACCTG	2313	Principles of Managerial Accounting*
ECONO	2463	Business Statistics
ENTRP	1123	Introduction to Business
FINAN	2113	Personal Financial Planning
MATH	1613	College Trigonometry*
TECH	1223	Technology & Society

Advisor approved 1000/2000-level electives

*Prerequisite coursework is required prior to enrollment into this course.

†Courses which are required for the bachelor's degree in computer science.

TOTAL HOURS.....61