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Advise

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# User courses

- XXXX XXX Pathways II: Cultural Explorations
- CORE 1010 Freshman Seminar
- CHEM 1005 General Chemistry I
- CHEM 1015 General Chemistry Laboratory
- SCI 1020 Scientific Thinking
- CSCE 1001 Fundamentals of Computing I
- CSCE 1101 Fundamentals of Computing II
- CSCE 1102 Fundamentals of Computing II Lab
- CSCE 2202 Analysis and Design of Algorithms
- CSCE 2203 Analysis and Design of Algorithms Lab
- ARCH 1511 Free-hand Representation for Architects
- ARCH 1521 Digital Representation Tools for Architects
- ENGR 1001 Introduction to Engineering
- ENGR 1005 Descriptive Geometry and Engineering Drawing
- ENGR 2102 Engineering Mechanics I (Statics)
- LALT 1020 Libraries and Learning Technologies
- MACT 1121 Calculus I
- MACT 1122 Calculus II
- MACT 2123 Calculus III
- MACT 2131 Discrete Mathematics
- MACT 2141 Differential Equations
- PHIL 2100 Philosophical Thinking
- PHYS 1011 Classical Mechanics, Sound and Heat
- PHYS 1012 General Physics Laboratory I
- PHYS 1021 Electricity and Magnetism
- PHYS 1022 General Physics Laboratory II
- PHYS 2211 Introduction to Electronics
- PHYS 2213 Electronics lab for Computer Scientists & Computer Engineers
- RHET 1010 Freshman Writing
- DHET 1020 Decearch Writing

# **Advised Courses**

## Semester Number: 1

- XXXX XXX Global Studies
- MACT 2132 Linear Algebra
- CSCE 2301 Digital Design I
- CSCE 2302 Digital Design I Lab
- CSCE 2501 Fundamentals of Database Systems
- CSCE 3303 Fundamental Microelectronics

#### Total credits: 16

# Semester Number: 2

- XXXX XXX Humanities and Social Sciences
- CSCE 2303 Computer Organization and

# Assembly Language Programming

- MACT 3224 Probability and Statistics
- CSCE 3304 Digital Design II
- CSCE 3611 Digital Signal Processing
- CSCE 3701 Software Engineering

#### Total credits: 18

# Semester Number: 3

- XXXX XXX Major Elective
- XXXX XXX Arab World Studies I
- ENGR 2104 Engineering Mechanics II (Dynamics)
- CSCE 3301 Computer Architecture
- CSCE 3302 Computer Architecture Lab
- CSCE 3312 Computer Networks
- CSCE 3313 Computer Networks Lab
- CSCE 4950 Industrial Training

### **Total credits:** 18

# Semester Number: 4

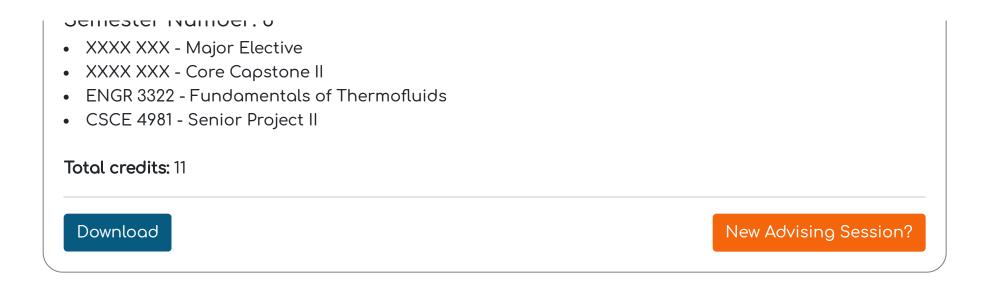
- XXXX XXX Major Elective
- XXXX XXX Arab World Studies II
- MGMT 3201 Management Fundamentals
- ENGR 3202 Engineering Analysis and Computation I
- CSCE 3401 Operating Systems
- CSCE 3402 Operating Systems Lab

### Total credits: 16

# Semester Number: 5

- XXXX XXX Major Elective
- XXXX XXX Major Elective
- ENGR 3222 Engineering Economy
- CSCE 4301 Embedded Systems
- CSCE 4302 Embedded Systems Lab
- CSCE 4411 Fundamentals of Distributed Systems
- CSCE 4980 Senior Project I

# Total credits: 17



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