

Computer Science - Comprehensive

2019 - 2021

** This is a sample of the type of curriculum a new freshman would take to complete a degree in 4 years.*

<p>SEMESTER 1</p> <p>CSCI 201: Introduction to Programming - 3 credits MATH 240: Calculus and Analytic Geometry I - 4 credits University Studies - 3 credits University Studies - 3 credits University Studies - 3 credits</p> <p>Total - 16 Credits</p>	<p>SEMESTER 2</p> <p>CSCI 202: Object Oriented Programming - 3 credits University Studies - 3 credits University Studies - 3 credits University Studies - 3 credits University Studies - 3 credits</p> <p>Total - 15 credits</p>
<p>SEMESTER 3</p> <p>CSCI 303: Algorithms and Data Structures - 4 credits CSCI 224: Assembly Language Programming - 4 credits University Studies - 3 credits University Studies - 3 credits</p> <p>Total - 14 credits</p>	<p>SEMESTER 4</p> <p>MATH 310: Intro to Abstract Mathematics - 3 credits Advanced Programming Course - 3 credits University Studies - 3 credits University Studies - 3 credits University Studies - 3 credits</p> <p>Total - 15 credits</p>
<p>SEMESTER 5</p> <p>MATH 320: Discrete Structures - 4 credits CSCI 470: Net - Centric Computing - 4 credits University Studies - 3 credits University Studies - 3 credits University Studies - 3 credits</p> <p>Total - 14 credits</p>	<p>SEMESTER 6</p> <p>CSCI 340: Professional Practice - 4 credits Computational Theory Course - 4 credits Advanced Programming Course - 3 credits University Studies - 3 credits</p> <p>Total - 14 credits</p>
<p>SEMESTER 7</p> <p>CSCI 499: Group Capstone Project - 3 credits CSCI 451: Operating Systems - 4 credits University Studies - 3 credits University Studies - 3 credits Elective - 3 credits</p> <p>Total - 16 credits</p>	<p>SEMESTER 8</p> <p>CSCI 461: Computer Architecture and Organization - 4 credits Elective - 3 credits Elective - 3 credits Elective - 3 credits Elective - 3 credits</p> <p>Total - 16 credits</p>