BS in Computer Science – Effective August 2021

**Computer Science Core Curriculum**

**COE Required**
- E 101: Introduction to Engineering & Problem Solving
- E 102: Engineering in the 21st Century

**CSC + COE Required**
- E 115: Introduction to Computing Environments

**Software Engineering & Programming Languages**
- CSC 116: Introduction to Programming – Java
- CSC 216: Programming Concepts – Java
- CSC 230: C and Software Tools
- **CSC 326: Software Engineering**
- CSC 492: Senior Design

**Theory and Algorithms**
- CSC 226: Discrete Math
- CSC 316: Data Structures
- **CSC 333: Automata, Grammars, and Computability**

**Systems**
- CSC 246: Concepts and Facilities of Operating Systems

**Security**
- **CSC 379: Ethics in Computing**