### COMPUTER SCIENCE

#### CORE COURSES (12 HRS)
- CIST 1400: Intro to Comp Science I
- CSCI 1620: Intro to Comp Science II
- CIST 2100: Orgs, Apps & Technology
- CIST 2500: Intro to Applied Statistics

#### ELECTIVE COURSES - 2000 LEVEL or Upper Level (6 HRS)
- CSCI 2030: Math Foundations of CS
- CSCI 2240: Intro to C Programming
- CSCI 2510: Intro to Game Prgrmng
- CSCI 2840: C++ Programming
- CSCI 2850: Prgrmming on the Internet
- CIST 2910: Multimedia Systems
- CSCI 2980: Topics in Computer Science

#### ELECTIVE COURSES - 3000 and 4000 LEVEL (6 HRS)
- CSCI 3100: Applied Combinatorics
- CSCI 3300: Numerical Methods
- CSCI 3320: Data Structures
- CSCI 3450: Natural Lang. Processing
- CSCI 3510: Adv Game Programming
- CSCI 3550: Communication Networks
- CSCI 3660: Theory of Computation
- CSCI 3710: Intro to Digital Design
- CSCI 3830: Adv JAVA Programming
- CSCI 3850: Web Search Tech
- CSCI 4100: Intro to Algorithms
- CSCI 4150: Graph Theory & App
- CSCI 4220: Programming Languages
- CSCI 4250: Human-Comp Interactions
- CSCI 4260: User Interface Des & Dev
- CSCI 4300: Deterministic Op Research
- CSCI 4310: Probabilistic Op Research
- CSCI 4350: Computer Architecture
- CSCI 4380: Comp & Network Forensics
- CSCI 4440: Intro to Parallel Computing
- CSCI 4450: Intro to Artificial Intelligence
- CSCI 4470: Pattern Recognition
- CSCI 4480: Intro to Multi-Agent/Rbots Sys
- CSCI 4500: Operating Systems
- CSCI 4510: Adv Operating Systems
- CSCI 4560: Number Theory & Cryptography
- CSCI 4620: Computer Graphics
- CSCI 4660: Automata, Computability & Formal Languages
- CSCI 4700: Compiler Construction
- CSCI 4760: Topics in Modeling
- CSCI 4830: Intro to SW Engineering
- CSCI 4850: Database Mgmt Systems
- CSCI 4890: Data Warehousing & Data Mining
- CSCI 4900: Internet Systems Dev
- CSCI 4950: Internship in CS
- CSCI 4970: Capstone Project
- CSCI 4980: Topics in Computer Science
- CSCI 4990: Independent Study

Remaining: 24 Compl: 0

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This matriculation form corresponds to the 2019-2020 UNO Catalog. Last update: March 2019

Students are responsible for prerequisite courses.

*CIST 1400 & CSCI 1620: Minimum grade of C or higher, but all other courses minimum grade C- or higher