**Allowed Computer Engineering Electives:**

**Electrical Engineering Courses:**

 EE 4245 Digital Signal Processing

 EE 4340 Semiconductor Materials and Devices

 EE 4345 Hardware Digital Signal Processing

 EE 4360 VLSI Design

 EE 4440 Communication Theory

 EE 4590 Real Time Embedded Systems

 EE 4870 Computer Network Hardware

 EE 4990 Advanced Microprocessors

 EE 5390 Computer Architecture

 EE 5410 Neural and Fuzzy Systems

 EE 5430 3-D Computer Vision

 EE 5440: Geometric/Deep Computer Vision

 EE 5460, Probabilistic Robotics

EE 5620 Digital Image Processing

 EE 5630 Advanced Image Processing

 EE 5650 Object and Pattern Recognition

 EE 5670, Digital Image Formation

Multicore Programming/GPGPU for HPC

 Network Programming and Congestion Control

EE 4800 Autonomous Cyber-Physical Systems

EE 4800 Intro to Quantum Computing

EE 5885 Deep Reinforcement Learning

EE 5885 Haptic Robotics

EE 5885 AI for Multi-agent Systems

EE 5885 Explainable AI (XAI)

EE 5885 Distributed Algorithms

EE 5885 Adv in 3D Comp Visio

EE 5885 Cooperative Robotics

**Bioengineering Courses:**

 BE 5410 Rehabilitation Engineering

**Math Courses:**

 Math 4500 Matrix Theory

**Computer Science Courses (max of 2):**

 COSC 3020 Algorithms and Data Structures

COSC 3765 Computer Security

 COSC 4210 Web Application Development

 COSC 4220 Design and Implementation of Emerging Environments

 COSC 4450 Computer Graphics

 COSC 4550 Introduction to Artificial Intelligence

 COSC 4555 Machine Learning

 COSC 4560 Modern Robots and Softbots

 COSC 4730 Mobile Applications Programming

 COSC 4735 Advanced Mobile Programming

 COSC 4740 Operating Systems Design

 COSC 4760 Computer Networks

COSC 4010 nUWtech Lab Development

COSC 3900/4010/5010 Intro to VR/AR