

June 6<sup>th</sup>, 2022

## Approved COMP Electives for Software Engineering Fall 2022 – Winter 2023

**All CALENDAR PREREQUISITES MUST BE MET AND AVAILABILITY TO B.ENG STUDENTS IS SPACE PERMITTING**

<u>Course Code</u>	<u>Course Name</u>	<u>Fall 2022</u>	<u>Winter 2023</u>
COMP 3002	Compiler Construction		X
COMP 3008	Human-Computer Interaction	X	X
COMP 3106	Intro to Artificial Intelligence	X	
COMP 3109	Applied Cryptography and Authentication	X	X
COMP 3801	Algorithms for Modern Data Sets	X	
COMP 3803	Introduction to Theory of Computation	X	
COMP 3804	Design and Analysis of Algorithms I	X	X
COMP 4102	Computer Vision		X
COMP 4107	Neural Networks**		X
COMP 4202	Computational Aspects of Geographic Information Systems	X	
COMP 4203	Wireless Networks and Security		X
COMP 4804	Design and Analysis of Algorithms II	X	
COMP 4900 (Special Topics)	Real-Time Operating Systems	X	

\*\*New prerequisites: COMP 3105 and (MATH 1104 or 1107). B.Eng students will be able to use SYSC 4415 as an acceptable prerequisite instead of COMP 3105.