

COMPUTER SCIENCE (CS)

0.50 credits in CIS at the 3000 level or above	0.50
0.50 credits in CIS at the 4000 level	0.50

School of Computer Science, College of Engineering and Physical Sciences

Major (Honours Program)

Since many courses are offered in only one semester and course pre-requisites place an ordering on courses, the following program of studies is designed so that students can schedule their courses over 8 semesters of study. Students deviating from this schedule must consult with their academic advisor.

Code	Title	Credits
Semester 1		
CIS*1300	Programming	0.50
CIS*1910	Discrete Structures in Computing I	0.50
MATH*1200	Calculus I	0.50
1.00 credits in the Area of Application or electives		1.00
Semester 2		
CIS*2500	Intermediate Programming	0.50
CIS*2910	Discrete Structures in Computing II	0.50
MATH*1160	Linear Algebra I	0.50
1.00 credits in the Area of Application or electives		1.00
Semester 3		
CIS*2030	Structure and Application of Microcomputers	0.50
CIS*2430	Object Oriented Programming	0.50
CIS*2520	Data Structures	0.50
1.00 credits in the Area of Application or electives		1.00
Semester 4		
CIS*2750	Software Systems Development and Integration	0.75
CIS*3110	Operating Systems I	0.50
CIS*3490	The Analysis and Design of Computer Algorithms	0.50
0.75 credits in the Area of Application or elective		0.75
Semester 5		
CIS*3150	Theory of Computation	0.50
CIS*3750	System Analysis and Design in Applications	0.75
STAT*2040	Statistics I	0.50
0.75 credits in the Area of Application or electives		0.75
Semester 6		
CIS*3760	Software Engineering	0.75
0.50 CIS electives at the 3000 level or above		0.50
1.25 credits in the Area of Application or electives		1.25
Semester 7		
1.00 credits in the Area of Application or electives		1.00
0.50 credits in CIS at 3000 level or above		0.50
1.00 credits in CIS at the 4000 level		1.00
Semester 8		
CIS*4650	Compilers	0.50
1.00 credits in the Area of Application or electives		1.00