

Year	Term (1)	Term (2)	Term (3)
1 (120 CR)	Math 001* General Mathematics (0 CR)	CS 104 Introduction to Programming (10 CR)	CS106 Object-Oriented Programming (10 CR)
	EL 001* English 1 (0 CR)	ENG102 English 2 (10 CR)	Arch 103 Environment Sc and Sustainability (10 CR)
	IT101 Introduction to Computers (10 CR)	CS105 Elementary Linear Algebra (10 CR)	CS107 Discrete Structure I (10 CR)
	ENG101 English 1 (10 CR)	STAT101 Introduction to Statistics (10 CR)	University Elective (10 CR)
	MATH101 Calculus I (10 CR)		
	University Elective (10 CR)		
2 (120 CR)	CS201 Discrete Structure II (10 CR)	CS204 Web technology (10 CR)	CS208 Computer Architecture (10 CR)
	CS202 Data Structures and Algorithms (10 CR)	CS205 Database Systems (10 CR)	CS209 Introduction to Artificial Intelligence (10 CR)
	CS203 Introduction to Software Engineering (10 CR)	CS206 Software Construction (10 CR)	CS210 Human computer interface design (10 CR)
	University Elective (10 CR)	IENG132 Engineering Economy & Entrepreneurship (10 CR)	CS211 System Design and Practical Project (10 CR)
3 (120 CR)	CS301 Operating Systems (10 CR)	CS303 Computer Communications and Networks (10 CR)	CSAI308 Introduction to natural language processing (10 CR)
	CS304 Professional Issues (10 CR)	CSSE304 Web Development (10 CR)	CSAI309 Introduction to Machine Learning (10 CR)
	CS302 Professional Software Engineering Practice (10 CR)	CSSE305 Software Design and Architecture (10 CR)	CSAI307 Agent Based Systems (10 CR)
	University Elective (10 CR)	Programme Elective (10 CR)	Programme Elective (10 CR)
Summer (10 CR)	CS340 Summer Internship Training 6 weeks between 3rd and 4th year		
4 (110 CR)	CSAI403 Machine Learning & Pattern Recognition (10 CR)	CSAI404 Introduction to Vision and Robotics (10 CR)	Programme Elective (10 CR)
	CSAI401 Applied Natural Language Processing (10 CR)	Programme Elective (10 CR)	
	CSAI 402 Knowledge Engineering and Management (10 CR)	Programme Elective (10 CR)	
	CSAI405 Computer Science – Artificial Intelligence Capstone Project (40 Cr)		
* Non-credit bearing. Only to be taken by students who after testing show the need to take			