Waubonsee Community College and Aurora University			
Associate in Science Degree and Bachelor of Science Degree			
Computer Science Major			
First and Second Year at Waubonsee Community College			
Semester 1 at WCC	AU Equivalent	Semester 2 at WCC	AU Equivalent
ENG 101 First-Year Composition (3)	ENG 1000 Intro to Academic	ENG 102 First-Year Composition	ENG Elective
	Writing	II (3)	
MTH 107 Basic Statistics (3)	MTH 2320 General Statistics		
		CHM 121 General Chemistry (4)	CHM 1310/Z General Chemistry I
IAI Social/Behavioral Science* (3)	Elective or Gen Ed Req.	OR PHY 221 General Physics (5)	OR PHY 2210/Z General Phy I
BIO 100 Intro to Biology or BIO 110	BIO elective OR BIO 2200	Major/elective course (3)	Elective or Gen Ed Req.
Environmental Biology (3)	Humans and the Environment	MTH XXX Math Elective (3-4)	MTH XXXX Math Elective
CIS 115 Introduction to	CSC 1XXX Elective	William Elective (3-4)	Will AAA Watii Liective
Programming (3)	GGC 1700X Elective	IAI Fine Arts* (3)	Elective or Gen Ed Req.
Semester 3 at WCC	AU Equivalent	Semester 4 at WCC	AU Equivalent
Major/elective course (3)	Elective or Gen Ed Req.	IAI Humanities* (3)	Elective or Gen Ed Req.
COM 100 Fundamentals of Speech	COM 1XXX Communications	Major/elective course (3)	Elective or Gen Ed Req.
(3)	Elective	iviajor/elective course (3)	Liective of Gen La Req.
	Licetive	Major/elective course (3)	Elective or Gen Ed Req.
Physical or Life Sciences (3)	Physical or Life Sciences XXXX		
		Major/elective course (3)	Elective or Gen Ed Req.
IAI Social/Behavioral Science* (3)	Elective or Gen Ed Req.		
		CIS 230 Computer Science II:	CSC 2150 Data Structures &
CIS 130 CS 1: C++ Programming OR	CSC 1700 Introduction to	C++ Programming OR CIS 250	Algorithms
CIS 150 CS 1: Java Programming (3)	Computer Programming	Computer Science II: Java	
* O		Programming (3)	
* One course must have a non-Western or diversity emphasis. This is not an additional credit hour requirement.			
Third and Fourth Year at Aurora University			
Students complete coursework for either the Information Technology or Software Engineering track for the Computer Science major.			
Computer Science BS: Information Technology Track			
Semester 5 at Aurora University (12.5 hours)		Semester 6 at Aurora University (16.5 hours)	
IDS 3500 Junior Mentoring (.5)		IDS 3550 Junior Mentoring (.5)	
CSC 2200 Web Application Development (4)		CSC 2450 Operating Systems Administration (4)	
CSC 2300 Computer Architecture (4)		CSC 3350 Networks and Security (4)	
Electives* (4)		MTH 3270 Discrete Mathematics (4)	
Compostor 7 at Aurora Hairoraite (10 harra)		Electives* (4)	
Semester 7 at Aurora University (16 hours)		Semester 8 at Aurora University (16 hours)	
CYB 4620 Digital Forensics (4) < OR> CSC 3400 Computer Security (4)		CYB 4610 Ethical Hacking (4) CSC 4990 Computer Science and Engineering Capstone (4)	
CSC 4500 Database Design and Implementation (4)		Electives* (4-8 hours)	
Electives* (4-8 hours)		Liectives (4-6 flours)	
Computer Science BS: Software Engineering Track			
Semester 5 at Aurora University (12.5 hours)  Semester 6 at Aurora University (16.5 hours)			
IDS 3500 Junior Mentoring (.5)		IDS 3550 Junior Mentoring (.5)	
CSC 2200 Web Application Development (4)		CSC 2300 Computer Architecture (4)	
CSC 3250 Object-oriented Soft. Des. & Dev. (4)		CSC 3510 Software Testing, Ver., Val. & QA (4)	
Electives* (4)		MTH 3270 Discrete Mathematics (4)	
		Electives* (4)	
Semester 7 at Aurora University (16 hours)		Semester 8 at Aurora University (16 hours)	
CSC 3700 Advanced Web App Development (4)		CSC 4990 Computer Science and Engineering Capstone (4)	
CSC 4500 Database Design and Implementation (4)		CSC 4400 Programming Languages (4)	
Electives* (8)		Electives* (8)	
*Flectives may be used to reach required credits for graduation. Total hours must equal 120 or higher with a minimum cumulative GDA of			

\*Electives may be used to reach required credits for graduation. Total hours must equal 120 or higher with a minimum cumulative GPA of 2.0/4.0. A minimum of 30 hours must be 3000 level or higher of which at least 15 must be within the major. A grade of C or higher is required in all general education and major coursework.