



**Saluki Step Ahead**  
 Waubonsee Community College  
 AS Computer Science to BS ITEC

**SEMESTER 1 - Waubonsee Community College**

ENG 101	First Year Composition I	3.0
MTH 129	Precalculus I	3.0
BIO 100/110	Intro to Bio -or- Intro to Environ Bio	3.0
PSY 100/SOC 100	Intro to Psyc -or- Intro to Soc	3.0
CIS 115	Intro to Programming	3.0
		<b>15.0</b>

**SEMESTER 2 - Waubonsee Community College**

ENG 102	First Year Composition II	3.0
MTH 107	Basic Statistics	3.0
CHM 121	General Chemistry	4.0
CIS 130/150	Comp Sci C++ -or- Comp Sci I: JAVA	3.0
Elective	IAI Social Science	3.0
		<b>16.0</b>

**SEMESTER 3 - Waubonsee Community College**

COM 100	Fundamentals of Speech Comm	3.0
CHM 122	Chemistry & Qualitative Analysis	4.0
PHL 101/105	Intro to Logic -or- Intro to Ethics	3.0
CIS 122	Network Essentials	3.0
Elective	IAI Fine Arts	3.0
		<b>16.0</b>

**SEMESTER 4 - Waubonsee Community College**

ECN 201/202	Prin of Microecon -or- Prin of Macroecon	3.0
CIS 181	Intro Information System Security	3.0
CIS 206	Managing Network Environments	3.0
CIS 230/250	Adv C++ -or- Comp Sci II: JAVA	3.0
Elective	IAI Humanities	3.0
		<b>15.0</b>

**SEMESTER 5 - SIU**

ITEC 235	System Administration	3.0
ITEC 280	Discrete Math for IT	3.0
ITEC 314	Ethical & Legal Issues in IT	3.0
Elective	General Elective	3.0
Elective	General Elective	3.0
		<b>15.0</b>

**SEMESTER 6 - SIU**

ITEC 236	Web-based Apps in ITEC	3.0
ITEC 312	Programming II	3.0
ITEC 334	Database Design & Processing	3.0
Elective	ITEC Approved, 300-400 Level	3.0
Elective	General Elective	1.0
		<b>13.0</b>

**SEMESTER 8 - SIU**

ITEC 380	User Experience Design	3.0
ITEC 390	Career Dev for IT Professionals	3.0
ITEC 412	ITEC: Analysis, Design & Implementation	3.0
Elective	ITEC Approved, 300-400 Level	3.0
Elective	ITEC Approved, 300-400 Level	3.0
		<b>15.0</b>

**SEMESTER 9 - SIU**

ITEC 370	Database Programming with SQL	3.0
ITEC 404	IT Project Management	3.0
ITEC 495/419	Senior Project I -or- Occ Internship	3.0
Elective	ITEC Approved, 300-400 Level	3.0
Elective	ITEC Approved, 300-400 Level	3.0
		<b>15.0</b>

**TOTAL HOURS: 120.0**