



Saluki Step Ahead
Southwestern Illinois College
AS Computer Science to BS ITEC

SEMESTER 1 - Southwestern Illinois College

COMM 151	Fundamentals of Public Speaking	3.0
ENG 101	Rhetoric & Composition I	3.0
MATH 112	College Algebra	4.0
ECON 201	Principles of Economics I (Macro)	3.0
Elective	IAI Fine Arts	3.0
		16.0

SEMESTER 2 - Southwestern Illinois College

ENG 102	Rhetoric & Composition II	3.0
MATH 113	Finite Math for Business & Social Science	4.0
PSYC 151/SOC 153	General Psych -or- Introductory Sociology	3.0
PHIL 151/152	Introductory Logic -or- Ethics	3.0
Elective	IAI Life Science	4.0
		17.0

SEMESTER 3 - Southwestern Illinois College

MATH 191	Intro to Statistics	4.0
CIS 177	Web Development I	3.0
CISC 116/NETW 271	Cisco Cybersec -or- Network Security	3.0
Elective	IAI Physical Science	4.0
Elective	Concentration Elective	3.0
		17.0

SEMESTER 4 - Southwestern Illinois College

HES 151/156	Pers Health & Wellness -or- Indv Exercise & Health	2.0
CIS 180	Intro to Programming	3.0
CISC 151/NETW 101	Cisco Network Ess -or- Intro to Networking	3.0
Elective	Concentration Elective	3.0
Elective	Science Elective	3.0
		14.0

SEMESTER 5 - SIU

ITEC 225	Operating Systems	3.0
ITEC 235	System Administration	3.0
ITEC 280	Discrete Math for IT	3.0
ITEC 312	Programming II	3.0
Elective	ITEC Approved, 300-400 Level	3.0
		15.0

SEMESTER 6 - SIU

ITEC 380	User Experience Design	3.0
ITEC 314	Ethical & Legal Issues in IT	3.0
Elective	ITEC Approved, 300-400 Level	3.0
Elective	ITEC Approved, 300-400 Level	3.0
Elective	General Elective	3.0
		15.0

SEMESTER 7 - SIU

ITEC 390	Career Development 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
Elective	General Elective	2.0
		14.0

SEMESTER 8 - SIU

ITEC 370	Database Design & Programming	3.0
ITEC 404	IT Project Management	3.0
ITEC 495	Senior Project I	3.0
Elective	ITEC Approved, 300-400 Level	3.0
		12.0

TOTAL HOURS: 120.0