

PROGRAM ARTICULATION DEGREE PLAN					
City Colleges of Chicago		2019-2020		Southern Illinois University Carbondale	
AS Computer Science - 60 Hours		BS Information Systems Technologies (IST) - 120 Hours			
		Hrs			Hrs
			UNIV 101	Saluki Success	NA
SPEECH 101	Fundamentals of Speech Communication	3	CMST 101	Intro to Orgal Communication	T
ENGL 101	Composition I	3	ENGL 101	English Composition I	T
ENGL 102	Composition II	3	ENGL 102	English Composition II	T
MATH 125 -or- 207	Intro Statistics -or- Calculus & Analy Geom I	4	MATH 282 -or- MATH 150	Intro to Statistics -or- Calculus I	T
ECON 203	Current Economic Problems	3	ECON 113	Economics of Contemporary Social Issues	T
SOC 201	Intro Study of Society (HD)	3	SOC 108	Intro to Sociology	T
PHIL 105 -or- 107	Logic -or- Ethics	3	PHIL 105 -or- 104	Elementary Logic -or- Ethics	T
			HUMANITIES		NA
	Physical Sciences Course	3	PHYSICAL SCIENCE	See SIUC Transfer Equivalency Guide	T
	Life Sciences Course	4	LIFE SCIENCE	See SIUC Transfer Equivalency Guide	T
	Physical -or- Life Sciences Course	3	PHYSICAL -OR- LIFE SCIENCE	See SIUC Transfer Equivalency Guide	T
	Fine Arts Course	3	FINE ARTS	See SIUC Transfer Equivalency Guide	T
			HUMAN HEALTH		NA
			MULTICULTURAL		NA
		35			0
			An Associate of Science from a regionally accredited Illinois community college satisfies UCC requirements		
Program Requirements			Program Requirements		
CIS 103	Fundamentals of Progamming	3	Any courses not articulated will be used to satisfy general elective credit		
CIS 244	Advanced Java-Programming Language	3			
CIS 260	Field Project	3			
CIS 101	Computer Science 101	3	CS 200B (elective)	Computer Concepts	T
CIS 118	Information Technology Problem Solving	3	CS 105 (elective)	Intro to Application Software	T
CIS 142	C-based Programming Language	3	IST 209	Intro to Programming	T
CIS 144	Java-based Programming Language	3	CS 202 -or- ECE 222 (elective)	Intro to Computer Science -or- Intro to Digital Computation	T
MATH 146	Discrete Mathematics	4	CS 215 (elective)	Discrete Mathematics	T
		25			
			ISAT 216	Information Security Fundamentals	3
			ISAT 224	Network Fundamentals	3
			IST 314	Ethical and Legal Issues in IT	3
			IST 334	Database Design and Processing	3
			IST 336	Web-based Applications in Information Systems	3
			IST 370	Database Progamming with SQL	3
			IST 404	Information Technology Project Management	3
			IST 412	Info Systems: Analysis, Design & Implementation	3
			ISAT 365	Data Applications and Interpretation	3
			ISAT 366	Applications of Technical Writing	3
			ISAT 419	Occupational Internship	4
			300/400 Level Major Electives		15
			Additional Electives		11
					60
Total semester hrs completed with AS degree:		60	Total semester hrs completed with BS degree:		60
			Total hrs to BS degree:		120