

Advising Guide for 2+2 in Computer Science¹

Academic Year 2011-2012



General Education Curriculum		
Course Number	Course Title	Hours
ENGL 101	Composition I	3
ENGL 102	Composition II	3
COMM 101	Intro to Speech Communication	3
	Humanities/Fine Arts	9
	Physical/Life Science	7
	Social Science	9
Foundation Requirements		
These courses are lower division foundation course requirements for associate degree.		
CSCI 101	Intro to Computer & Info Science	4
CSCI 130	Computer Science I	4
CSCI 131	Computer Science II	4
CSCI 110	Intro to Database Mgmt Systems	4
NETW 150	Workstation Operating Systems	3
NETW 160	Introduction to Networking	3
BUSN 145	Employment Success Strategies	1
Required Mathematics		
MATH 161	Calculus	4
CSCI 115	Discrete Structures	4
MATH 141	Statistics	4
Electives		
	CSCI 200-Level electives	6
Total²		75

Computer Science Core	
Required courses for all CSC undergraduate students (24 hours)	
Course Number	Course Title
CSC 305	Entrance Assessment
CSC 376	Computer Organization
CSC 385	Data Structures & Algorithms
CSC 387	Foundations of Computer Science
CSC 388	Programming Languages
CSC 389	Intro to Operating Systems
CSC 478	Software Engineering Capstone
CSC 405	Exit Assessment
Computer Science Electives	
Required CSC Software Courses (12 hours)	
	CSC Elective
	CSC Elective
	CSC Elective
General Electives	
ECCE Engagement Experience (AST 300 Gen. Applied Study Te	
Engaged Citizenship Common Experience (ECCE) (1	
ECCE US Communities CSC 442 is recommended	
ECCE Global Awareness (CSC 315 Robo/Ethics is recommende	
ECCE Engagement Experience (AST 300 Gen. Applied Study Te	
ECCE UIS Speaker's Series	
Total	

Illinois Articulation Initiative General Education Core Curriculum Requirements:

Communication: Two writing courses and one oral communication course.

Mathematics: One or two courses

Physical and Life Sciences: Two courses. Select one physical science, one life science OR two interdisciplinary science courses (LP900 or LP900L and LP901 or LP901L). At least one must be a laboratory course.

Humanities and Fine Arts: Select at least one humanities course and at least one fine arts course; the third may be either.

Social and Behavior Sciences: Select 3 courses from at least two different disciplines.

¹Subject to curricular changes or revisions

²A maximum of 72 hours of lower division transfer credit may be applied towards this bachelor's degree program

³The UIS Computer Science Department *may consider* allowing students to transfer lower-division CSC electives as part of the 72 hours. However, students must earn at least 48 hours of credit at the upper-division level.

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Hours
0
4
4
4
4
4
4
0
4
4
4
2
3 hrs)
3
3
3
1
48

9
3-6
7-8

9
9

Date

Date

