

Advising Guide for 2+2 in Computer Science¹

Academic Year 2012-2013



General Education Curriculum		
Course Number	Course Title	Hours
ENG 120	Composition I	3
ENG 121	Composition II	3
SPE 111	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.		
CIS 162	Object-Oriented Programming I	3
CIS 164	Object-Oriented Programming II	3
Additional Required Mathematics		
MAT 211	Business Calculus or Calculus	4
MAT 210	Discrete or Finite Mathematics	4
BUS 281	Statistics	3
Electives		
	Transferrable Courses	21
CIS156	Computer Logic	3
CIS160	Practical Software Applications	3
MAT130	College Algebra	3
CIS100	Advanced Web Page Design	3
CIS170	Java Programming	3
CIS101	Internet Systems and Applications	2
BUS142	Introduction to Business	3
Total²		72

Computer Science Core		
Required courses for all CSC undergraduate students (24 hours)		
Course Number	Course Title	Hours
CSC 305	Entrance Assessment	0
CSC 376	Computer Organization	4
CSC 385	Data Structures & Algorithms	4
CSC 387	Foundations of Computer Science	4
CSC 388	Programming Languages	4
CSC 389	Intro to Operating Systems	4
CSC 478	Software Engineering Capstone	4
CSC 405	Exit Assessment	0
Computer Science Electives		
Required CSC Software Courses (12 hours)		
	CSC Elective	4
	CSC Elective	4
	CSc Elective	4
General Electives		
	ECCE Engagement Experience (AST 300)	2
Engaged Citizenship Common Experience (ECCE) (10 hrs)		
	ECCE US Communities (CSC 442 recommended)	3
	ECCE Global Awareness (CSC 315 recommended)	3
	ECCE Engagement Experience (AST 300)	3
	ECCE UIS Speaker's Series	1
Total		48

Illinois Articulation Initiative General Education Core Curriculum Requirements:

Communication: Two writing courses and one oral communication course. 9

Mathematics: One or two courses 3-6

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. 7-8

Humanities and 9

Social and 9

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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