2+2 Advising Guide in Computer Science
Academic Year 2013-2014

General Education Curriculum

Course Number	Course Title	Hours
ENGL 131	First Year English I	3
ENGL 132	First Year English II	3
SPCH 131/145	Public Speaking/Public or Private	3
MATH 171	Calculus and Analytical Geometry I	5
	Sciences (Life and Physical)	7
	Fine Arts and Humanities	9
	Social Sciences	9

Foundation Preferences
These courses are preferred lower division foundation course for all CSC undergraduate students.

CIS 210	Intro. To Java Programming	3
MATH 145	General Ed. Statistics	3
MATH 160	Finite Mathematics	3

Electives

CIS 135	Computer Literacy	3
CIS 260	Event-Driven Programming	3
	General Elective Courses (*CIS 190 is a recommended, but not required course*)	15
Total		69

College Core
Required courses for all CSC undergraduate students (24 hours)

Course Number	Course Title	Hours
CSC 275	Computer Programming Concepts II *	3
CSC 305	Entrance Requirements	0
CSC 376	Computer Organization	4
CSC 385	Data Structures and 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

	CSC Electives	12

Engaged Citizenship Common Experience (ECCE) (12 hrs)

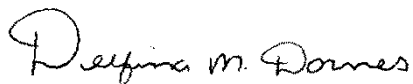|	US Communities- CSC 442 recommended	4
	Global Awareness- CSC 315 recommended	4
	Engagement Experience – AST 300	3
	Speaker Series	1
Total		51

Illinois Articulation Initiative General Education Core Curriculum Requirements:

Subject Area:	Courses:	Semester Hours:
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 LP 901 or LP901L. At least one must be a laboratory course.	7-8
Humanities and Fine Arts	Select at least one humanities course and at least one fine arts course; the third may be either.	9
Social and Behavior Sciences	Select 3 courses from at least two different disciplines.	9

- Students are encouraged to dual-enroll in LCCC and UIS for CSC 275 during last semester at LCCC.

Signatures

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Director, Enrollment and Advising
Lewis and Clark Community College

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Ted Mims, Chairman - Computer Science
University of Illinois Springfield

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James Ermatinger, Dean – School of Liberal Arts and Sciences
University of Illinois Springfield