

2+2 Advising Guide in Biology Academic Year 2014-2015



General Education Curriculum		
Course Number	Course Title	Hours
ENG 101	Composition I	3
ENG 102	Composition II	3
COM 103	Speech Communication	3
BIO 105	Principles of Biology I	4
CHE 170	College Chemistry I	5
	Fine Arts and Humanities	9
	Social Sciences	9
	Mathematics (IAI-approved)	6
	Natural Science (BIO 106, CHE 180 or CHE 206)	4-5
	Health Sciences	3
Foundation Preferences		
These courses are preferred lower division foundation course for all ENS undergraduate students.		
BIO 106	Principles of Biology II*	4
CHE 180	College Chemistry II*	5
CHE 206	Organic Chemistry I*	5
	*If not taken as part of the General Ed. Curriculum, BIO 106, CHE 180, and CHE 206 are preferred for all BIO students	
Electives		
	Electives (BIO 102, 103, 128, 145, 206, PH 122, 123 suggested)	8-9
Total		72

College Core		
Required courses for all BIO undergraduate students (32hours)		
Course Number	Course Title	Hours
BIO 301	General Seminar	3
CHE 322	Laboratory Techniques	1
BIO 311	Cell Biology	4
BIO 345	General Microbiology	3
BIO 346	General Microbiology Lab	1
BIO 351	Organismal Botany	4
BIO 361	Comparative Vertebrate Biology	4
BIO 371	Principles of Ecology	4
BIO 381	Genetics	4
BIO	400-level Elective	4
Upper Division Electives		
	Elective Course	6
Engaged Citizenship Common Experience (ECCE) (10 hrs)		
	Speakers Series	1
	Engagement/Experiential Course	3-6
	Global Awareness/U.S. Communities	3
Total		48

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

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Signatures

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