



Associate in Arts at Heartland Community College to Bachelor's Degree in **Biology (not Pre-med) at Illinois Wesleyan University**

*This is a suggested course pattern. Students must work with their advisor to develop a curriculum plan that meets their scheduling needs. At HCC, ** indicates course needed for the major. + indicates an IWU graduation requirement*

HEARTLAND COMMUNITY COLLEGE			
FIRST YEAR	COURSE NAME	CREDIT HOURS	
		FALL	SPRING
ENGL 101	Critical Reading and Writing	3	
BIOL 161**	Principles of Biology I	4	
CHEM 161	General Chemistry I w/Lab	5	
Language 101	Elementary Language I	4	
ENGL 102	Multimodal Composition		3
BIOL 162**	Principles of Biology II		4
CHEM 162	General Chemistry II w/Lab		5
Language 102	Elementary Language II		4
Total Credit Hours		16	16
SUMMER	COURSE NAME	CREDIT HOURS	
SOCIAL BEHAVIORAL SCI	CHOOSE ANY IAI SOCIAL BEHAVIORAL SCIENCE	3	
FINE ART	CHOOSE ANY IAI FINE ART	3	
TOTAL CREDIT HOURS		6	
SECOND YEAR	COURSE NAME	FALL	SPRING
MATH 111 or MATH 161	Finite Math for Business and Soc Sci (MATH 161 is also an option)	4	
CHEM 241**	Organic Chemistry I	5	
BIOL 191**	Introductory Microbiology (may take fall or spring semester)	4	
Language 201+	Intermediate Language I	4	
COMM 101	Intro to Oral Communication		3
CHEM 242**	Organic Chemistry II		5
MATH 141**	Introduction to Statistics		4
Social Behavioral Sci	Choose any IAI Social Behavioral Science		3
Humanity	Choose any IAI Humanities		3
Total Credit Hours		17	18

ILLINOIS WESLEYAN UNIVERSITY			
THIRD YEAR	COURSE NAME	UNIT HOURS	
		FALL	SPRING

BIOL 312 PHYS 105 1XX - 4XX 1XX - 4XX	Genetics (or BIOL 216) Physics I - Mechanics Writing Intensive - elective outside the major Work with advisor to complete GECC at HCC	1 1.25 1 1	
BIOL 216 PHYS 106 3XX or 4XX BIOL 3XX - 4XX	Foundations of Evolution (or BIOL 312) Physics II - Electricity, Magnetism and Optics Upper level elective outside the major - work with advisor to complete GECC at HCC Writing Intensive Elective inside the major		1.25 1.25 1 1
Total Units		4.25	4.5
FOURTH YEAR	COURSE NAME	UNIT HOURS	
		FALL	SPRING
BIOL 3XX or 4XX BIOL 3XX or 4XX 3XX or 4XX 3XX or 4XX	Work with advisor to fulfill major requirements Work with advisor to fulfill major requirements Upper level course outside the major Upper level course outside the major	1-1.25 1-1.25 1 1	
BIOL 3XX or 4XX 1XX - 4XX 3xx or 4xx 1xx or 4xx	Work with advisor to fulfill major requirements Elective inside the major Elective outside the major Elective outside the major		1 1-1.25 1 1
Total Units		4-4.5	4

It is recommended that you complete the IAI GECC through Heartland. Meeting all of the GECC requirements will automatically meet the Illinois Wesleyan general education requirements. In this plan, you will leave Heartland missing two courses to complete the GECC; one Social and Behavioral Sciences course, and one course in the Humanities/Fine Arts area. You may take those requirements at IWU and through the reverse transfer process, you will complete the requirements at Heartland. In choosing those courses, please work with your advisor to also complete the IWU Encountering Diversity requirement. Those requirements are detailed below.

- At Heartland, choose a (G) Global Diversity and a (U) US Diversity course from recommended list to meet IWU graduation requirements.
- AP scores with 4 or higher, or higher level IB scores of 5 or higher, can be used to meet general education requirements at IWU, but not major or minor requirements.
- Remedial math courses may be needed to prepare for the math requirement. However, remedial courses will not transfer to IWU. Adjust schedule and hour requirements accordingly to complete degree.
- Completion of any 201 language course would complete the 2nd language requirement.
- Students should complete a minimum of 64 semester hours, not including remedial or equivalent PE courses, at Heartland to be on track to complete their bachelor's degree in a total of four years.
- Students are required, at minimum, to complete 16 units of coursework at IWU including half of all major requirements.
- Graduation requirements: 32 total courses and 32 total units with 9 courses and 9 units of upper level courses, and 18 courses and 18 units outside the major. (1 IWU unit = 4 semester hours)