



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 (IWU 101)	4	
CHEM 161	General Chemistry I w/Lab (IWU 201)	5	
Language 101	Elementary Language I	4	
ENGL 102	Multimodal Composition		3
BIOL 162**	Principles of Biology II (IWU 102)		4
CHEM 162	General Chemistry II w/Lab (IWU 202)		5
Language 102	Elementary Language II		4
Total Credit Hours		16	16
SUMMER	COURSE NAME	CREDIT HOURS	
Social Behavioral Science	Choose any IAI Social Behavioral Science	3	
Fine Art	Choose any IAI Fine Art	3	
TOTAL CREDIT HOURS		6	
SECOND YEAR	COURSE NAME	CREDIT HOURS	
		FALL	SPRING
MATH 161	Calculus I (IWU 176)	4	
CHEM 241**	Organic Chemistry I	5	
Humanities/Fine Art	IAI Humanities/Fine Art	3	
Language 201+	Intermediate Language I	4	
COMM 101	Intro to Oral Communication		3
CHEM 242**	Organic Chemistry II		5
MATH 141**	Introduction to Statistics (IWU 141)		4
Social Behavioral Sci	Choose any IAI Social Behavioral Science		3
Humanities	IAI Humanities (check diversity requirements)		3
Total Credit Hours		16	18

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, if you have not already completed additional coursework through AP credit or dual credit, you will leave Heartland missing one Social and Behavioral Sciences course. You may complete that requirement at IWU and through the reverse transfer process, you will complete the requirements at Heartland. In choosing courses, please work with your advisor to complete the IWU Encountering Diversity requirement. Those requirements are detailed below.

- Complete both BIOL 161 & BIOL 162 with a C or better to be equivalent to IWU 101 & 102 and complete both CHEM 161 & CHEM 162 with a C or better to be equivalent to IWU 201 & 202.

ILLINOIS WESLEYAN UNIVERSITY			
THIRD YEAR	COURSE NAME	UNIT HOURS	
		FALL	SPRING
BIOL 212	Introductory Genetics	1	
BIOL 216	Foundations of Evolution	1.25	
1XX - 4XX	Work with advisor to complete IAI GECC	1	
1XX - 4XX	Work with advisor to complete IAI GECC	1	
BIOL 3XX or 4XX	Work with advisor select Cellular or Molecular class		1.25
BIOL 3XX - 4XX	Upper-level course in the major		1.25
BIOL 3XX - 4XX	Upper-level course in the major		1
BIOL 3XX - 4XX	Writing Intensive Elective inside the major		1
Total Units		42.5	4.5
FOURTH YEAR	COURSE NAME	UNIT HOURS	
		FALL	SPRING
BIOL 3XX or 4XX	Work with advisor to select Ecology or Diversity class	1-1.25	
BIOL 3XX or 4XX	Work with advisor to select research emphasis course	1-1.25	
1XX - 4XX	Elective	1	
1XX - 4XX	Elective	1	
BIOL 3XX or 4XX	Work with advisor to select Organismal Biol class		1
BIOL 3XX - 4XX	Work with advisor to fulfill major requirements		1
BIOL 3XX - 4XX	Work with advisor to fulfill major requirements		1
1xx or 4xx	Elective		1
Total Units		4-4.5	4

- Both 212 and 216 should be completed by the end of the junior year; ideally during the fall semester if possible.
- Six additional courses are required at the 300 or 400 -level. Courses should be selected to meet the following criteria for the degree: one course in each of the **bolded** topics above plus additional major electives to complete the six courses. At least one course should meet the writing intensive requirement.
- Students are encouraged to work with their advisor in order to select appropriate courses to meet these requirements. A possible course pattern is provided.
- To meet IWU graduation requirements choose one course from each group. 1 **US Diversity** (CHLD 207, Film 211, HIST 135, 136, 210, MUSI 260, POS 101, SOC 110, SOC 135, or SOC 221) and 1 **Global Diversity** (ANTH 101, HIST 150, HUMA 210, HUMA 270, MUSI 160, POS 151, JAPN 202, SPAN 202) while at Heartland.
- AP scores of 3, 4, or 5 and Standard level IB scores of 5 or higher will receive 1 unit of credit.
- The IWU Second Language requirement can be met by completing the intermediate level (201) course of any language or by earning a 4 or 5 on the AP exam in a second language. Visit the IWU website for information: <https://www.iwu.edu/registrar/transfer-credit-faq.html>
- Remedial math courses may be needed to prepare for the math requirement. However, the remedial course will not transfer to IWU. College Algebra, College Trigonometry and Precalculus will not transfer to IWU. Adjust course schedule accordingly to complete degree.

- Students should complete a minimum of 64 semester hours, not including remedial or PE courses, at HCC to be on track to complete their bachelor's degree in a total of 4 years.
- Students are required, at minimum, to complete 16 units of coursework at IWU including half of all major requirements.
- IWU graduation requirements: 32 total courses and 32 total units with 9 courses and 9 units of upper level (300/400) courses. (1 IWU unit = 4 semester hours)

Bloomington, IL 2024-2025