



Associate in Arts at Heartland Community College to Bachelor's Degree in Computer Science 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	
CSCI 115**	Discrete Structures (sub for IWU CS 135 or 136)	4	
CSCI 130**	Computer Science I (IWU 127)	4	
Elementary Language 101	Elementary Language I	4	
ENGL 102	Multimodal Composition		3
CSCI 131**	Computer Science II (IWU 128)		4
IAI Physical Science	Any IAI Physical Science		3
Elective	Elective		3
Elementary Language 102	Elementary Language II		4
Total Credit Hours		15	17
SECOND YEAR	COURSE NAME	CREDIT HOURS	
		FALL	SPRING
COMM 101	Intro to Oral Communication	3	
IAI Humanities	Any IAI Humanities Course	3	
Language 201+	Intermediate Language I	4	
IAI Social Behavioral	Any IAI Social/Behavioral Science	3	
Elective	Elective	3	
IAI Humanities/Fine Arts	Any IAI Humanities/Fine Arts		3
IAI Social Behavioral	Any IAI Social/Behavioral Science		3
IAI Fine Arts	Any IAI Fine Arts		3
IAI Life Science	Any IAI Life Science		4
IAI Social Behavioral	Any IAI Social/Behavioral Science		3
Total Credit Hours		16	16

Follow the Associate in Arts (not the Associate in Science) requirements. If you plan to transfer without a degree, it is strongly recommended that you complete the IAI GECC through Heartland.

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.

ILLINOIS WESLEYAN UNIVERSITY			
THIRD YEAR	COURSE NAME	UNIT HOURS	
		FALL	SPRING
CS 136	Computational Discrete Math (or 135 in Spring)	1	
CS 253	Software Development (W)	1	
3xx or 4xx	Upper-level I Elective	1	
CS 229	Data Structures (or complete in Spring)	1	
CS 256	Computer Organization & Architecture Algorithm		1
CS 354	Design & Analysis		1
CS 3xx or 4xx	Upper-level Elective in the Major		1
1xx – 4xx	Elective		1
Total Units		4	4
FOURTH YEAR	COURSE NAME	UNIT HOURS	
		FALL	SPRING
CS 355	Programming Languages	1	
CS 3xx or 4xx	Upper-level CS Elective, not CS 498 or 499	1	
3xx or 4xx	Upper-level elective	1	
1xx – 4xx	Elective	1	
CS 3xx or 4xx	Upper-Level CS Elective, not CS 498 or 499		1
3xx or 4xx	Upper-level elective		1
3xx or 4xx	Upper-level elective		1
1xx - 4xx	Elective		1
Total Units		4	4

- 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. Adjust course schedule accordingly to complete degree.
- Students should complete a minimum of 64 semester hours, not including remedial or Physical Education 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