Associate in Arts at Harper 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. ** indicates course needed for the major. + indicates an IWU graduation requirement.

HARPER COLLEGE			
FIRST YEAR	**COURSE NAME**	**CREDIT HOURS**	
		FALL	**SPRING**
CIS 106	Computer Logic and Programming Tech (prerequisite for CSC 121)	3	
ENG 101	Composition	3	
MTH 200	Calculus I	5	
Language 101	Elementary Language I	4	
CSC 121**	Computer Science I (IWU CS 127)		4
ENG 102	Composition		3
IAI Social Behavioral	Any IAI Social/Behavioral Science		3
IAI Physical Science	Any IAI Physical Science		4
Language 102	Elementary Language II		4
Total Credit Hours		**15**	**18**
SECOND YEAR	**COURSE NAME**	**CREDIT HOURS**	
		FALL	**SPRING**
CSC 122**	Computer Science II (IWU CS 128)	4	
IAI Humanities	Any IAI Humanities Course	3	
MTH 220**	Discrete Mathematics (IWU Math 136)	3	
IAI Social Behavioral	Any IAI Social/Behavioral Science	3	
Language 201+	Intermediate Language I	4	
SPE 101	Fundamentals of Speech Communication		3
IAI Social Behavioral	Any IAI Social/Behavioral Science		3
IAI Humanities/Fine Arts	Any IAI Humanities/Fine Arts		3
IAI Fine Arts	Any IAI Fine Arts		3
IAI Life Science	Any IAI Life Science(w/lab)		4
Total Credit Hours		**17**	**16**

- See Diversity Requirement for Harper College (https://www.harpercollege.edu/catalog/handbook/requirements/diversity.php)
- At Harper College, choose a (G) Global Diversity and a (U) US Diversity course from recommended list to meet IWU graduation requirements. **Global Diversity options:** ANT 202, HST245, HUM 106, PSC 250, SOC 120. **US Diversity options:** HST 111, HST 112, MUS 104, MUS 106, PSC 101, SOC 230, SOC 235, THE 121.

ILLINOIS WESLEYAN UNIVERSITY			
THIRD YEAR	**COURSE NAME**	**UNIT HOURS**	
		FALL	**SPRING**
1xx – 4xx	Elective	1	
CS 253	Software Development (W)	1	
CS 229	Data Structures	1	
3xx or 4xx	Upper Level Elective	1	
CS 135	Computational Discrete Math 135		1
CS 256	Computer Organization & Architecture		1
CS 354	Algorithm Design and Analysis		1
3xx or 4xx	Upper Level 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
CS 3xx or 4xx	Upper Level CS Elective, not CS 498 or 499		1
3xx - 4xx	Upper Level Elective		1
1xx - 4xx	Elective		1
Total Units		**4**	**4**

- Students should follow the Associates in Arts degree at Harper as opposed to the Associates in Science degree. The AA degree includes the Gen Ed Certificate, which is a complete package of transferable General Education Core Courses (IAI).
- AP scores of 3, 4 and 5 will receive 1 unit of credit. Higher level IB scores of 4 or higher will receive 1 unit of credit.
- 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.
- The IWU Second Language requirement can be met by completing the intermediate level (XXXXX-103) course of any language or by earning a 4 or 5 on the AP exam in a second language. Visit the IWU website for a list of languages taught. https://www.iwu.edu/registrar/transfer-credit-faq.html
- Students should complete a minimum of 64 semester hours, not including remedial or PE courses, at Harper 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.
- IWU Graduation requirements: 32 total courses and 32 total units with 9 courses and 9 units of upper level courses. (1 IWU unit = 4 semester hours)   2024-2025