Associate in Arts at City Colleges of Chicago 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 CCC, ** indicates course needed for the major. + indicates an IWU graduation requirement.*

CITY COLLEGES OF CHICAGO			
FIRST YEAR	**COURSE NAME**	**CREDIT HOURS**	
		FALL	**SPRING**
ENGLISH 101	Composition	3	
CIS 101	Intro to Computer Information Sci (prereq for 103)	3	
MATH 146**	Discrete Math (IWU MATH 136) (GECC math)	4	
GECC Social Behavioral	Any GECC Social/Behavioral Science	3	
Language 101	Language I	4	
ENGLISH 102	Composition		3
CIS 103**	Fund of Programming (IWU CS 127)		3
CIS 118 or 116	Info Tech Problem Solving or Operating Systems I		3
GECC Science	Any GECC Life or Physical Science		3
Language 102	Language II		4
Total Credit Hours		**17**	**16**
SECOND YEAR	**COURSE NAME**	**CREDIT HOURS**	
		FALL	**SPRING**
SPEECH 101	Fundamentals of Speech Communication	3	
GECC Social Behavioral	Any GECC Social/Behavioral Science	3	
CS 144**	Java Object Oriented Programming I (IWU 128)	4-5	
GECC Humanities	Any GECC Humanities Course	3	
Language 103+	Language III	4	
CS 244**	Java Object Oriented Programming II (IWU 229)		3
GECC Social Behavioral	Any GECC Social/Behavioral Science		3
GECC Humanities/Fine Arts	Any GECC Humanities/Fine Arts		3
GECC Fine Arts	Any GECC Fine Arts		3
GECC Science	Any GECC Life or Physical Science with lab		4
Total Credit Hours		**17/ 18**	**16**

- At least one course must meet the Human Diversity (HD) requirement. This is a graduation requirement for CCC.
- At City College of Chicago, choose a (G) Global Diversity and a (U) US Diversity course from recommended list to meet IWU graduation requirements. **Global diversity options:** ANTHRO 202, HIST 215, HIST 212, 247, HUM 215, MUS 183, POL SCI 204, SOC 210, SPANISH 104. **US Diversity options:** HIST 111, 112, 114, 115, 216, HUM 107, POL SCI 201, SOC 207.

ILLINOIS WESLEYAN UNIVERSITY			
THIRD YEAR	**COURSE NAME**	**UNIT HOURS**	
		FALL	**SPRING**
CS 135	Application of Sets, Logic, and Recursion	1	
CS 253	Software Development (W)	1	
CS 229	Data Structures (if not already completed at CCC)	1	
3xx or 4xx	Upper Level Elective	1	
CS 256	Computer Organization & Architecture		1
CS 354	Algorithm Design and Analysis		1
3xx or 4xx	Upper Level Elective		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
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**

- AP scores of 3, 4 and 5 will receive 1 unit of credit. Standard level IB scores of 5 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. College Algebra, Pre-Calculus, and College Trigonometry are not transferable to Illinois Wesleyan.
- 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 information: https://www.iwu.edu/registrar/transfer-credit-faq.html
- Students should complete a minimum of 64 semester hours, not including remedial or Physical Education courses, at City Colleges of Chicago 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)   9/2024