

Associate in Arts at City Colleges of Chicago to Bachelor's Degree in Chemistry at Illinois Wesleyan University

This plan is for students who plan to work in industry or attend graduate study in chemistry.
*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*

CITY COLLEGES OF CHICAGO			
FIRST YEAR	COURSE NAME	CREDIT HOURS	
		FALL	SPRING
ENGLISH 101	Composition	3	
MATH 207**	Calculus I (IWU 176)	5	
CHEM 201**	Gen Chem I w/Lab (or CHEM AP score of 4+) (IWU 201)	5	
Language 101	Language I	4	
ENGLISH 102	Composition		3
MATH 208**	Calculus II (sub for IWU Math 177)		5
CHEM 203**	General Chemistry II w/ Lab (IWU 202)		5
Language 102	Language II		4
Total Credit Hours		17	17
SECOND YEAR	COURSE NAME	CREDIT HOURS	
		FALL	SPRING
CHEM 205**	Organic Chemistry I (substitute for IWU 311)	6	
PHYSICS 231**	Mechanics and Wave Motion (IWU 101)	5	
Language 103+	Language III	4	
SPE 101	Fundamentals of Speech Communication	3	
CHEM 207**	Organic Chemistry II (substitute for IWU 312)		6
PHYSICS 232**	Electricity and Magnetism		5
GECC Social Behavioral Sci	Human Diversity course (see courses listed below)		3
GECC Life Science	Any GECC Life Science		3
Total Credit Hours		18	17

- 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
- It is recommended that you complete the IAI GECC through CCC. Meeting all of the GECC requirements will automatically meet the Illinois Wesleyan general education requirements. In this plan, you will leave CCC missing five courses to complete the GECC; two Social and Behavioral Sciences courses, and three courses in the Humanities/Fine Arts area. Ideally, you should complete these requirements at City Colleges through AP scores, dual credit, or summer coursework and leave CCC with your Associate in Arts degree.
- It may be possible to finish your GECC requirements at IWU and through the reverse transfer process, complete the requirements at CCC. In choosing those courses, please work with your advisor to also complete the IWU Encountering Diversity requirement.

ILLINOIS WESLEYAN UNIVERSITY			
THIRD YEAR	COURSE NAME	UNIT HOURS	
		FALL	SPRING
CHEM 301	Quantitative Analysis	1.25	
CHEM 321	Physical Chemistry I: Thermodynamics	1.25	
1XX - 4XX	Elective (work with advisor to select G or US flag if needed)	1	
Elective	Elective (work with advisor to complete GECC)	1	
CHEM 300	Chemistry Seminar		
CHEM 322	Physical Chemistry II: Kinetics		1
CHEM 332	Inorganic Chemistry		1
3XX or 4XX	Upper Level Elective		1
1XX - 4XX	Elective (work with advisor & Registrar to complete GECC)		1
CHEM 300X	Chemistry Seminar		.25
Total Units		4.5	4.25
FOURTH YEAR	COURSE NAME	UNIT HOURS	
		FALL	SPRING
CHEM 3XX or 4XX	Choose from CHEM 304, 323, 324, 413, 414, 415, 432, 470	1.25	
3XX or 4XX	Upper Level Elective	1	
1xx-4xx	Elective (work with advisor & Registrar to complete GECC)	1	
1xx-4xx	Elective (work with advisor & Registrar to complete GECC)	1	
CHEM 300	Chemistry Seminar		
CHEM 3XX or 4XX	Choose from CHEM 304, 323, 324, 413, 414, 415, 432, 470		1
CHEM 380	Advances Inorganic Synthesis and Analysis (W)		1
1xx-4xx	Elective (work with advisor & Registrar to complete GECC)		1
1xx - 4xx	Elective (work with advisor & Registrar to complete GECC)		1
CHEM 300X	Chemistry Seminar		.25
Total Units		4.25	4.25

- Students should work with their advisor or the department chair when selecting IWU courses, especially their upper level electives. Not all courses are offered each semester.
- Students should follow the Associates in Arts degree at CCC 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 (GECC). If you leave CCC without completing the GECC, work with your Illinois Wesleyan advisor to complete remaining requirements for GECC at CCC and IWU shared curriculum requirements.
- 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 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)