



Associate in Arts at Lincoln Land CC to Bachelor's Degree in Data 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.*

LINCOLN LAND COMMUNITY COLLEGE			
FIRST YEAR	COURSE NAME	CREDIT HOURS	
		FALL	SPRING
CSC 100	Understanding Technology Today	3	
Life or Physical Science	Group IV GECC Life or Physical Science without Lab	3	
Language 101	Elementary Language I	4	
EGL 101	Composition I	3	
ART 109	Intro to Computer Graphics	3	
CS 125	Computer Programming Concepts		3
PHI 210	World Religions (Grp III Humanities/IWU Global)		3
Language 102	Elementary Language II		4
Social Science	Group II GECC Social Science		3
HUM 110	Intro Women & Gender Studies (Group III Fine Arts/IWU US diversity/previously HUM 102)		3
Total Credit Hours		16-18	16
SECOND YEAR	COURSE NAME	CREDIT HOURS	
		FALL	SPRING
CSC 170**	Computer Science I (prerequisites CSC 100 & 125)	3	
CMN 101	Public Speaking Fundamentals	3	
MATH 141	Introductory Statistics (IWU ECON 227, has prereq))	4	
EGL 102	Composition II	3	
Language 201+	Intermediate Language I	4	
CSC 270**	Computer Science II (sub as IWU CS 128)		3
Humanities/Fine Arts	Group III GECC Humanities or Fine Arts		3
MAT 220**	Discrete Structures (IWU Math 146)		3
Life or Physical Science	Group IV GECC Life or Physical Science with Lab		4
Social Science	Group II GECC Social Science		3
Total Credit Hours		17	16

ILLINOIS WESLEYAN UNIVERSITY			
THIRD YEAR	COURSE NAME	UNIT HOURS	
		FALL	SPRING
DASC 225 MATH 215 3xx – 4xx ART 141	Data Analytics with Visualization Linear Algebra Upper level elective Graphic Design I	1 1 1 1	
CS/MATH 135 CS 222 3xx or 4xx 3xx or 4xx	Applications of Sets, Logic, and Recursion Ethics, Values, and Issues in Cybertechnology (W) Upper level elective Upper level elective		1 1 1 1
Total Units		4	4
FOURTH YEAR	COURSE NAME	UNIT HOURS	
		FALL	SPRING
CS 314 DASC 377 MATH 403 Elective	Database Systems Applied Data Analysis Computational Data Analysis Elective	1 1 1 1	
CS 387 CS 3xx or 4xx 3xx or 4xx 1xx - 4xx	Deep Learning Upper level elective Upper level elective Elective		1 1 1 1
Total Units		4	4

Note: LLCC Math 220 will serve as a substitute for IWU Math 135 or 136 for the major. The department chair will determine if the student should complete IWU Math 135 or 136 during academic advising.

- At Lincoln Land, choose a (G) Global Diversity and a (U) US Diversity course from recommended list to meet IWU graduation requirements. US diversity: HIS 111, HIS 112, POS 101, HUM 110 (previously 102) and Global diversity: PHI 210, POS 202, POS 220.
- 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 second language requirement for this major requires students to demonstrate proficiency at a third-semester level. Proficiency can be met by earning a 4 or 5 on the AP exam in a second language. Completion of LLCC Intermediate level 201 also meets the requirement. IWU offers second language coursework in Spanish, Japanese, and American Sign Language. French coursework is available through agreements with other campuses.
- Students should complete a minimum of 64 semester hours, not including remedial or PE courses, at Lincoln Land 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)