Associate in Arts at Heartland Community College to Bachelor's Degree in Data Science at Illinois Wesleyan University

** indicates course needed for the major. + indicates an IWU graduation requirement

Heartland Community College					
FIRST YEAR	Course Name		Credit Hours		
			Fall	SPR1athG A &C	

Illinois Wesleyan Uni	VERSITY		
Third Year	Course Name	Unit Hours	
I HIKU TEAK	COURSE MAIVIE	Fall	Spring
DASC 225	Data Analytics with Visualization	1	
MATH 215	Linear Algebra	1	
3xx - 4xx	Upper Level Elective	1	
1xx - 4xx	Bective	1	
CSYMATH 135	Applications of Sets, Logic, and Recursion		1
CS222	Ethics, Values, and Issues in Cybertechnology (W)		1
3xx or 4xx	Upper Level Elective		1
3xx or 4xx	Upper Level Elective		1
Total Units		4	4
		UNIT HOURS	
Fourth Year	Course Name	Fall	Spring
CS 314	Database Systems	1	
DASC 377	Applied Data Analysis	1	
MATH 403	Computational Data Analysis	1	
Bective	Bective	1	
CS 387	Deep Learning		1
CS 3xx or 4xx	Upper Level Elective		1
3xx or 4xx	Upper Level Elective		1
1xx - 4xx	Bective		1
Total Units		4	4

Choose 1 (U) US Diversity and 1 (G) Global Diversity course to meet IWU graduation requirements. US Diversity options: Film 211, HIST 135, HIST 136, MUS 260, POS101, or SOC 110. Global Diversity options: ANTH 101, HIST 150, MUS 160, POS151, REL 215, SPAN 202

AP scores of 3, 4, or 5 will receive 1 unit of credit. Higher level IB scores of 4 or higher will receive 1 unit of credit.

The IWU Second Language requirement can be met by completing the intermediate level (XXX-103) course of any language or by earning a 4 or 5 on the AP exam in a second language. Visit the IWU website https://www.iwu.edu/languages/ for a list of languages taught.

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 PE courses, at HCC to be on track to complete their bach

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)12/2023