



**Associate in Arts at Heartland Community College to Bachelor's Degree in Math 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*

<b>HEARTLAND COMMUNITY COLLEGE</b>			
<b>FIRST YEAR</b>	<b>COURSE NAME</b>	<b>CREDIT HOURS</b>	
		<b>FALL</b>	<b>SPRING</b>
ENGL 101	Critical Reading and Writing	3	
MATH 161**	Calculus I (IWU Math 176)	4	
IAI Life Science	Any IAI Life Science	3-4	
Language 101	Elementary Language I	4	
ENGL 102	Multimodal Composition		3
MATH 162**	Calculus II (sub for IWU Math 177)		4
Elective	Elective		3
Language 102	Elementary Language II		4
IAI Social Behavioral Sci	Any IAI Social/Behavioral Science		3
<b>Total Credit Hours</b>		<b>14-15</b>	<b>17</b>
<b>SECOND YEAR</b>	<b>COURSE NAME</b>	<b>CREDIT HOURS</b>	
		<b>FALL</b>	<b>SPRING</b>
COMM 101	Intro to Oral Communication	3	
MATH 163**	Calculus III (sub for IWU Math 278)	4	
IAI Humanities	Any IAI Humanities	3	
Language 201+	Intermediate Language I	4	
IAI Social Behavioral Sci	Any IAI Social/Behavioral Science	3	
IAI Physical Science	Any IAI Physical Science		3- 4
IAI Fine Arts	Any IAI Fine Arts		3
IAI Social Behavioral Sci	Any IAI Social/Behavioral Science		3
IAI Humanities/Fine Arts	Any IAI Humanities/Fine Arts		3
Elective	Elective		3
<b>Total Credit Hours</b>		<b>17</b>	<b>16</b>

- To meet IWU graduation requirements choose one course from each group. 1 **US Diversity** (CHLD 207, Film 211, HIST 135, 136, 210, MUSI 260, POS 101, SOC 110, SOC 135, or SOC 221) and 1 **Global Diversity** (ANTH 101, HIST 150, HUMA 215, HUMA 270, MUSI 160, POS 145, POS 151 , JAPN 202, SPAN 202) while at Heartland.

ILLINOIS WESLEYAN UNIVERSITY			
THIRD YEAR	COURSE NAME	UNIT HOURS	
		FALL	SPRING
Math 178	Calculus Lab	.25	
MATH 200	Introduction to Mathematical Reasoning (W)	1	
MATH 215	Linear Algebra	1	
1xx - 4xx	Elective	1	
1xx - 4xx	Elective	1	
<b>MATH 3xx -4xx</b>	Choose 1 <sup>st</sup> of 2: 360, 362, 364, 367, or approved 470		1
<b>Math 321</b>	Math Immersion III		.5
<b>3xx or 4xx</b>	Upper Level Elective		1
1xx - 4xx	Elective		1
<b>MATH 3xx or 4xx</b>	Choose 1 <sup>st</sup> of 3: MATH 310, 324, 325, 340, 360, 362, 364, 367, 400, 403, 407, 412, 430, or approved 370/470. (work with advisor to select courses for actuarial science and statistics concentrations)		1
<b>Total Units</b>		<b>4.25</b>	<b>4.5</b>
FOURTH YEAR	COURSE NAME	UNIT HOURS	
		FALL	SPRING
<b>MATH 3xx -4xx</b>	Choose 2 <sup>nd</sup> of 2: 360, 362, 364, 367, or approved 470	1	
<b>3xx or 4xx</b>	Upper level elective	1	
1xx - 4xx	Elective	1	
<b>MATH 3xx or 4xx</b>	Choose 2 <sup>nd</sup> of 3: MATH 310, 324, 325, 340, 360, 362, 364, 367, 400, 403, 407, 412, 430, or approved 370/470. (work with advisor to select courses for actuarial science and statistics concentrations)	1	
<b>MATH 3xx or 4xx</b>	Signature Experience: choose 1: 397, 495, 499		1
<b>Math 421</b>	Math Immersion IV		.25
<b>3xx or 4xx</b>	Upper level elective		1
1xx - 4xx	Elective		1
<b>MATH 3xx or 4xx</b>	Choose 3 <sup>rd</sup> of 3: MATH 310, 324, 325, 340, 360, 362, 364, 367, 400, 403, 407, 412, 430, or approved 370/470. (work with advisor to select courses for actuarial science and statistics concentrations)		1
<b>Total Units</b>		<b>4</b>	<b>4.25</b>

- Math majors have the option of choosing a concentration at Illinois Wesleyan in Actuarial Science or in Statistics. If you choose a concentration, work carefully with your IWU advisor and review the catalog to choose classes.
- There are also three minors available in Math; Actuarial Science, Mathematics, and Statistics.
- For information regarding the Math major with a concentration in Actuarial Science, Math major with a concentration in Statistics or the minor sequences in Actual Science or Statistics, please visit our website at <https://www.iwu.edu/math/graduation-requirements.html>.
- AP scores of 3, 4, or 5 and Standard level IB scores of 5 or higher will receive 1 unit of credit.

- The IWU Second Language requirement can be met by completing the intermediate level (201) 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>
- 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 bachelor's degree in a total of 4 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 (300/400) courses. (1 IWU unit = 4 semester hours) 2024-2025