

Sample 4-year Guided Pathway for
Bachelor of Science in Mathematics
 Concentration in **Math Education**

Last revised 2018-2019

This is **ONLY a sample** degree pathway. Please meet with your academic advisor prior to registration to formulate your own plan, and for additional information refer to the [academic catalog](#).

**If you were placed into foundational Writing and/or Mathematics courses based on your placement and/or test scores, please consult with your academic advisor to develop a degree plan.*

Year	Fall Semester		Spring Semester	
1st	GE WC&IL 1	3	GE WC&IL 2	3
	MATH 2214 Calculus I (GE QA&SR)	3	MATH 2215 Calculus II	3
	CSCI 2911 Computer Science I*	3	CSCI 2912 Computer Science II	3
	CSCI 2916 Computer Science I Lab*	1	MATH 1123 Statistics	3
	GE H&P	3	GE CA	3
	COM 2000 Public Speaking (GE CT&E)	3		
	Total Credits	16	Total Credits	15

Year	Fall Semester		Spring Semester	
2nd	MATH 2216 Calculus III <u>or</u> MATH 3320 College Geometry	3	MATH 2007 Math Across the Ages	3
	MATH 2220 Proof Writing	3	MATH 3316 Problem Solving	3
	GE GC&D	3	GE T&I	3
	First semester of any laboratory science (CHEM 2050 (GE NW)) & Corresponding lab	3(4)	Second semester of any laboratory science	3(4)
	GE NW (if CHEM 2050 not selected for major requirement)	1	Corresponding laboratory	1
		3		
	Total Credits	16	Total Credits	13

Year	Fall Semester		Spring Semester	
3rd	MATH 3305 Linear Algebra	3	MATH 3330 Abstract Algebra	3
	Upper-Division Major Elective	3	Upper-Division Major Elective	3
	GE T&M	3	Upper-Division Unrestricted Elective	3
	GE SW	3	GE AE	3
	Unrestricted Elective	3	Unrestricted Elective	3
	Total Credits	15	Total Credits	15

Year	Fall Semester		Spring Semester	
4th	MATH 3450 Real Analysis	3	MATH 4920 Math Education Practicum	3
	Upper-Division Major Elective	3	Upper-Division Unrestricted Elective	3
	Upper-Division Unrestricted Elective	3	Unrestricted Elective	3
	Upper-Division Unrestricted Elective	3	Unrestricted Elective	3
	Unrestricted Elective	3	Unrestricted Elective	3
	Total Credits	15	Total Credits	15

***This schedule is only a suggestion; make sure you understand the necessary prerequisites for each course and consult with your Academic Advisor. Course availability subject to change; actual degree audits may change depending on course availability in a given semester.*

**CSCI 2911/2916 requires proficiency in CSCI 1611 or 1911. To discuss placement testing, please contact Dr. Stewart Crawford at scrawford@hpu.edu.*

Baccalaureate Requirements

- Total Degree Credits Required = 120 credits of which a minimum of 36 are Upper-Division Credits (level 3000 and above)
- Completion of Major Requirements (*as indicated above*)
- Completion of General Education Requirements (*as indicated above*)
- Cumulative GPA of at least 2.0; Major GPA of at least 2.0
- Residency Requirements: 12 credits of major coursework and 24 of the last 30 credits immediately preceding graduation (*Service member's Opportunity College students please see your academic advisor*)

For more information on our General Education curriculum please refer to our Academic Catalog or visit: <https://www.hpu.edu/gen-ed/index.html>