University of Montana - Four-Year Academic Plan 2019-2020

College of Humities and Sciences

Bachelor of Arts in Mathematics

This is an example of a four year graduation plan for a degree in Mathematics.

This is a sample academic plan. Students should meet with an academic advisor prior to registration to formulate their own plan.

Year 1		Year 2		Year 3		Year 4	
Fall		**Fall**		**Fall**		**Fall**	
M 171 - Calculus I	4	**M 221 - Intro to Linear Algebra**	4	**Math Elective 300+**	3	**Math Elective 300+**	3
Science Elective	3	**M 273 - Multivariable Calculus**	4	**Math Elective 300+**	3	**Math Elective 400+**	3
General Education	4	**Science Elective**	3	**Science Elective**	3	**Elective**	3
General Education	3	**General Education**	3	**Elective**	3	**Elective**	3
Freshman Seminar	1			**Elective**	3	**Elective**	3
Credits	15	Credits	14	Credits	15	Credit	15
Spring		**Spring**		**Spring**		**Spring**	
M 172 - Calculus II	4	**M 307 - Intro to Abstract Mathematics**	3	**Math Elective 300+**	3	**Math Elective 400+**	3
Science Elective	3	**M 210 - Intro to Mathematical Software**	3	**Math Elective 300+**	3	**Math Elective 400+**	3
General Education	3	**M 300 - Undergraduate Mathematics Seminar**	1	**Science Elective**	3	**Elective**	3
General Education	3	**Science Elective**	3	**Elective**	3	**Elective**	3
General Education	3	**General Education**	3	**Elective**	3	**Elective**	2
		General Education	3				
Credits	16	Credits	16	Credits	15	Credits	14
Summer		**Summer**		**Summer**		**Summer**	
Credits	0	Credits	0	Credits	0	Credits	0
Total Credits	31	**Total Credits**	61	**Total Credits**	91	**Total Credits**	120

Notes:

Rev 2/19

- This degree template can be adapted for students who are not ready to take M 171 (Calculus I) in their first semester.
- Up to 12 of the 18 credits in Science Electives can be replaced by a minor or a second major.
- Student can add a concentration in Applied Mathematics, Combinatorics & Optimization, Pure Mathematics or Statistics by choosing part of their Math Electives from the chosen area. Students interested in Mathematics Education must follow the degree template for Mathematics Education.
- Details regarding the Math and Science Electives are in the Catalog and on Degree Works. Choose these courses in consultation with your math advisor.
- Details regarding the General Education course work are in the Catalog and on Degree Works. Choose these courses in consultation with an advisor. In particular, take WRIT 101 as early as possible.
- Students not completing the General Education language requirement must take one of several computer sciences courses as part of their Science Electives.
- 39 upper-division (300+ course) credits are required.