

Bachelor of Arts in Mathematics

First Year					
Fall			Spring		
Number	Title	Hours	Number	Title	Hours
WU 101	Washburn Experience	3	MA 140	Statistics	3
FL 101	Foreign Language I	4	FL 102	Foreign Language II	4
EN 101	Introduction to College Writing	3	MA 152	Calculus II	5
MA 151	Calculus I	5	MA 260	Introduction to Number Theory	3
Total Hours		15	Total Hours		15

Second Year					
Fall			Spring		
Number	Title	Hours	Number	Title	Hours
PH 220	Logic	3	XXX	Natural & Physical Science	5
XXX	Social and Behavioral Sciences	3	EN 200	Intermediate College Writing	3
CM 111	Structured Programming (or correlated course)*	4	MA 307	Discrete Mathematics	3
MA 253	Calculus III	3	CM 245	Contemp Prog Methods (or correlated course)*	3
CN XXX/ MA 346	Communications (odd years)/ Regression Analysis(even years) (or MA 340 ANOVA or MA 341 NonParametric in a spring term)	3	MA 380	Problem Solving Strategies (1 st time)	1
Total Hours		16	Total Hours		15

Third Year					
Fall			Spring		
Number	Title	Hours	Number	Title	Hours
XXX	Arts and Humanities	3	XXX	Social and Behavioral Sciences	3
XXX	Institutional: Inclusion and Belonging	3	EN 3XX	Upper-Division College Writing	3
MA 301/ MA 344	Linear Algebra (even years)/ Mathematical Statistics (odd years)	3	XXX	Institutional: Scientific Literacy	3
MA 371/ MA 354	Introduction to Real Analysis I (even years)/ Abstract Algebra (odd years)	3	CM 307	Data Structures (or correlated course)*	3
CN XXX/ MA 346	Communications (odd years)/ Regression Analysis(even years) (or MA 340 ANOVA or MA 341 NonParametric in a spring term)	3	MA 372/ --- 3XX	Introduction to Real Analysis II (odd yrs) / Upper Division elective (even years)	3
Total Hours		15	MA 380	Problem Solving Strategies (2 nd time)	1
			Total Hours		16

Fourth Year					
Fall			Spring		
Number	Title	Hours	Number	Title	Hours
MA 301/ MA 344	Linear Algebra (even years)/ Mathematical Statistics (odd years)	3	MA 372/ --- 3XX	Introduction to Real Analysis II (odd yrs)/ Upper Division elective (even years)	3
MA 371/ MA 354	Introduction to Real Analysis I (even years)/ Abstract Algebra (odd years)	3	XXX	Elective	3
CM 332	Data Mining (or correlated course)*	3	3XX/4XX	Upper Division elective	3
3XX/4XX	Upper Division elective	3	3XX/4XX	Upper Division elective	3
MA 388	Capstone Research	1	XXX	Elective/Upper Division elective as needed	3
Total Hours		13	Total Hours		15

***One of the following correlated course sequences are required. Students can obtain the indicated minor with careful selection of electives. Students must declare the minor with the associated department.**

- PS 261/281 and PS 262/282, 3 hours of PS 3xx (7 more PS hours will complete a Physics minor)
- CM 111, CM 245, CM 307, CM 332 (included above) (3 more hours of CM 3xx will complete a Computer Information Sciences minor)
- CM 111, CM 203, CM 245, CM 303 (3 more hours of CM 3xx will complete a Digital Forensics minor)
- EC 200, EC 201, 6 hours of EC xxx (3 more hours of EC 3xx will complete an Economics minor)
- EC 211, BU 250, BU 258, DA 348 (DA 358 or DA 368 will complete a Business Data Analytics minor)
- EC 200, BU 260, EC 306, CM 390 (3 more hours will complete a Game Design minor)