Bachelor of Science in Mathematics

First Year					
Fall			**Spring**		
Number	Title	Hours	Number	Title	Hours
WU 101	Washburn Experience	3	CM 111	Structured Programming (or correlated course)*	4
EN 101	Introduction to College Writing	3	XXX	Natural & Physical Science (take a course that will also count as NSD hrs)	4-5
MA 140	Statistics	3	MA 152	Calculus II	5
MA 151	Calculus I	5	MA 260	Introduction to Number Theory	3
Total Hours		14	**Total Hours**		16-17

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

Third Year					
Fall			**Spring**		
Number	Title	Hours	Number	Title	Hours
NSD ---	Natural Science elective	3	XXX	Social and Behavioral Sciences	3
XXX	Institutional: Inclusion and Belonging (BI 203/260 will also count as NSD hrs)	3	EN 3XX	Upper-Division College Writing	3
MA 301/ MA 344	Linear Algebra (even years)/ Mathematical Statistics (odd years)	3	NSD ------	Institutional: Scientific Literacy (take a course that will also count as NSD hrs)	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
MA 346/ NSD ---	Regression Analysis (even years) (or MA 340 ANOVA or MA 341 NonParametric in a spring term)/ Natural Science elective (odd years)	3	MA 372/ --- 3xx	Introduction to Real Analysis II (odd yrs) / Upper Div elective(even yr/NSD as needed)	3
			MA 380	Problem Solving Strategies (2nd time)	1
Total Hours		15	**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 Div elective(even yr/NSD as needed)	3
MA 371/ MA 354	Introduction to Real Analysis I (even years)/ Abstract Algebra (odd years)	3	3XX/4XX	Upper Division elective (NSD as needed)	3
CM 332	Data Mining (or correlated course)*	3	3XX/4XX	Upper Division elective (NSD as needed)	3
3XX/4XX	Upper Division elective (NSD as needed)	3	XXX	Elective/Natural Sci elective as needed	3
MA 388	Capstone Research	3	XXX	Elective	2-3
Total Hours		13	**Total Hours**		14-15

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 (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)

30 hours in the Natural Sciences (outside of math) with 15 hours in one Department are required.