

Sample 4-Year Schedule for Mathematics – Pure Mathematics Major Bachelor of Science 124 Hours

For students entering in an ODD Year:

Freshman			
Fall Semester		Spring Semester	
MA 151 – Calculus I	5	MA 152 – Calculus II	5
WU 101 – Washburn Experience	3	EN 101 – Freshman Composition	3
PH 220 – Logic	3	Natural Science General Education	3
Natural Science General Education	3	Natural Science Minor	3
MA 140 - Statistics	3	Elective	3
TOTAL	17	TOTAL	17
Sophomore			
Fall Semester		Spring Semester	
MA 253 – Calculus III	3	MA 301 – Linear Algebra	3
*EC 200 – Principles of Microeconomics	3	MA 207 – Discrete Mathematics	3
Natural Science General Education/Minor	3	*EC 201 – Principles of Macroeconomics	3
Soc. Sci. General Education	3	Natural Science Minor	3
AR/MU/TH General Education	3	Humanities General Education	3
TOTAL	15	TOTAL	15
Junior			
Fall Semester		Spring Semester	
MA 344 – Math Statistics I	3	MA 343 – Applied Statistics	3
MA 371 – Intro to Real Analysis I	3	MA 372 – Intro to Real Analysis II	3
*AC224 – Financial Accounting	3	*AC 225 – Managerial Accounting	3
EN 300 – Advanced Composition	3	*BU 381 – Business Finance	3
Natural Science Minor	3	Natural Science Minor	3
MA 380 Problem Solving Strategies	1	MA 380 Problem Solving Strategies	1
TOTAL	16	TOTAL	16
Senior			
Fall Semester		Spring Semester	
MA 354 – Abstract Algebra	3	Elective	3
MA 388 – Capstone Research	1	Upper Division Natural Science Minor	3
Elective	3	Upper Division Natural Science Minor	3
Upper Division Natural Science Minor	3	Upper Division Natural Science Minor	3
Upper Division Natural Science Minor	3	Upper Division Elective	3
TOTAL	13	TOTAL	15

*Correlated course electives may vary (10-15 hours). Check catalog options.

Sample 4-Year Schedule for Mathematics – Pure Mathematics Major Bachelor of Science 124 Hours

For students entering in an EVEN Year:

Freshman			
Fall Semester		Spring Semester	
MA 151 – Calculus I	5	MA 152 – Calculus II	5
WU 101 – Washburn Experience	3	EN 101 – Freshman Composition	3
PH 220 – Logic	3	Soc. Sci. General Education	3
Natural Science General Education	3	Natural Science General Education	3
MA 140 - Statistics	3	Elective	3
TOTAL	17	TOTAL	17
Sophomore			
Fall Semester		Spring Semester	
MA 253 – Calculus III	3	MA 301 – Linear Algebra	3
*EC 200 – Principles of Microeconomics	3	MA 207 – Discrete Mathematics	3
Humanities General Education	3	*EC 201 – Principles of Macroeconomics	3
Natural Science General Education/Minor	3	Natural Science Minor	3
Natural Science Minor	3	AR/MU/TH General Education	3
TOTAL	15	TOTAL	15
Junior			
Fall Semester		Spring Semester	
MA 344 – Math Statistics I	3	MA 343 – Applied Statistics	3
MA 354 – Abstract Algebra	3	*AC 225 – Managerial Accounting	3
*AC 224 – Financial Accounting	3	*BU 381 Business Finance	3
EN 300 – Advanced Composition	3	Natural Science Minor	3
Natural Science Minor	3	Natural Science Minor	3
MA 380 Problem Solving Strategies	1	MA 380 Problem Solving Strategies	1
TOTAL	16	TOTAL	16
Senior			
Fall Semester		Spring Semester	
MA 371 – Intro to Real Analysis I	3	MA 372 – Intro to Real Analysis II	3
MA 388 – Capstone Research	1	Upper Division Natural Science Minor	3
Elective	3	Upper Division Natural Science Minor	3
Upper Division Natural Science Minor	3	Upper Division Elective	3
Upper Division Natural Science Minor	3	Upper Division Elective	3
TOTAL	13	TOTAL	15

*Correlated course electives may vary (10-15 hours). Check catalog options.