

Sample 4-Year Schedule for Mathematics – Applied Statistics Major Bachelor of Science 122 Hours

Curriculum for students starting 2018-2019 Academic Year
Students starting in different academic years should contact their advisor.

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
Humanities General Education	3	Soc. Sci. General Education	3
MA 140 - Statistics	3	Natural Science General Education/Minor	3
TOTAL	14	TOTAL	14
Sophomore			
Fall Semester			Spring Semester
MA 253 – Calculus III	3	CM 111 – Structured Programming	4
MA 340 – ANOVA/Design of Exper.	3	MA 342 – Statistical Computing	3
Natural Science General Education	3	Soc. Sci. General Education	3
Humanities General Education	3	Natural Science Minor	3
Lower Division Elective	3	Humanities General Education	3
TOTAL	15		16
Junior			
Fall Semester			Spring Semester
MA 344 – Math Statistics I	3	MA 345 – Math Statistics II	3
MA 341 – Nonparametric Tests/QC	3	MA 347 – Stochastic Processes	3
CM 245 – Contemporary Programming	3	CM 307 – Data Structures	3
EN 300 – Advanced Composition	3	Natural Science Minor	3
Natural Science Minor	3	Natural Science Minor	3
		Soc. Sci. General Education	3
TOTAL	15	TOTAL	18
Senior			
Fall Semester			Spring Semester
MA 301 – Linear Algebra	3	MA 348 – Time Series	3
MA 346 – Regression Analysis	3	CM 336 – Database Management	3
CM 332 – Data Mining	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	15		15

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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	CM 111 – Structured Programming	4
Soc. Sci. General Education	3	EN 101 – Freshman Composition	3
MA 140 - Statistics	3	Humanities General Education	3
TOTAL	14	TOTAL	15
Sophomore			
Fall Semester			Spring Semester
MA 253 – Calculus III	3	MA 345 – Math Statistics II	3
MA 344 – Math Statistics I	3	MA 342 – Statistical Computing	3
MA 341 – Nonparametric Tests/QC	3	CM 307 – Data Structures	3
CM 245 - Contemporary Programming	3	Humanities General Education	3
Natural Science General Education	3	Natural Science Minor	3
TOTAL	15	TOTAL	15
Junior			
Fall Semester			Spring Semester
MA 340 – ANOVA/Design of Exper.	3	MA 348 – Time Series	3
MA 346 – Regression Analysis	3	CM 336 – Database Management	3
CM 332 – Data Mining	3	Humanities General Education	3
EN 300 – Advanced Composition	3	Natural Science General Education/Minor	3
Natural Science General Education/Minor	3	Natural Science Minor	3
		Soc. Sci. General Education	3
TOTAL	15	TOTAL	18
Senior			
Fall Semester			Spring Semester
MA 301 – Linear Algebra	3	MA 347 – Stochastic Processes	3
Natural Science Minor	3	Soc. Sci. General Education	3
Natural Science Minor	3	Upper Division Natural Science Minor	3
Natural Science Minor	3	Upper Division Natural Science Minor	3
Upper Division Natural Science Minor	3	Upper Division Elective	3
TOTAL	15	TOTAL	15