## Sample 4-Year Schedule for Mathematics – Secondary Education Major Bachelor of Arts

## 138 Hours

Curriculum for students starting 2015-2016 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
PH 220 – Logic	3	ED 225 – Becoming an Ed. Professional	3
ED150 - EPIC	1	Soc. Sci. General Education	3
ED 200 – Educational Psychology	3	MA 140 – Statistics	3
TOTAL	15	TOTAL	17
Sophomore			
Fall Semester		Spring Semester	
MA 253 – Calculus III	3	MA 301 – Linear Algebra	3
*ED 302 – Exceptional Learners	3	MA 207 – Discrete Mathematics	3
Humanities General Education	3	MA 367 – Modern Geometry	3
Soc. Sci. General Education	3	*ED 300 – Integrating Technology	3
Natural Science General Education	3	Humanities General Education	3
FL 101 – Foreign Language I	4	FL 102 – Foreign Language II	4
TOTAL	19		19
Junior			
Fall Semester		Spring Semester	
Fall SemesterMA 354 – Abstract Algebra	3	Spring Semester MA 343 – Applied Statistics	3
Fall SemesterMA 354 – Abstract Algebra*ED 363 - Methods	3 3	Spring SemesterMA 343 – Applied StatisticsMA 381 – History of Mathematics	33
Fall SemesterMA 354 – Abstract Algebra*ED 363 - Methods*ED 385 – Foundations of Education	3 3 3	Spring Semester MA 343 – Applied Statistics MA 381 – History of Mathematics *RD 484 – Reading in the Content Area	3 3 3
Fall Semester MA 354 – Abstract Algebra *ED 363 - Methods *ED 385 – Foundations of Education EN 300 – Advanced Composition	3 3 3 3	Spring Semester MA 343 – Applied Statistics MA 381 – History of Mathematics *RD 484 – Reading in the Content Area Natural Science General Education	3 3 3 3 3
Fall Semester MA 354 – Abstract Algebra *ED 363 - Methods *ED 385 – Foundations of Education EN 300 – Advanced Composition AR/MU/TH General Education	3 3 3 3 3 3	Spring Semester MA 343 – Applied Statistics MA 381 – History of Mathematics *RD 484 – Reading in the Content Area Natural Science General Education Soc. Sci. General Education	3 3 3 3 3 3
Fall SemesterMA 354 – Abstract Algebra*ED 363 - Methods*ED 385 – Foundations of EducationEN 300 – Advanced CompositionAR/MU/TH General EducationNatural Science General Education	3 3 3 3 3 3 3	Spring Semester MA 343 – Applied Statistics MA 381 – History of Mathematics *RD 484 – Reading in the Content Area Natural Science General Education Soc. Sci. General Education Soc. Sci. General Education	3 3 3 3 3 3 3 3
Fall SemesterMA 354 – Abstract Algebra*ED 363 - Methods*ED 385 – Foundations of EducationEN 300 – Advanced CompositionAR/MU/TH General EducationNatural Science General EducationTOTAL	3 3 3 3 3 3 3 <b>18</b>	Spring SemesterMA 343 – Applied StatisticsMA 381 – History of Mathematics*RD 484 – Reading in the Content AreaNatural Science General EducationSoc. Sci. General EducationSoc. Sci. General EducationTOTAL	3 3 3 3 3 3 3 3 <b>18</b>
Fall SemesterMA 354 – Abstract Algebra*ED 363 - Methods*ED 385 – Foundations of EducationEN 300 – Advanced CompositionAR/MU/TH General EducationNatural Science General EducationTOTALSenior	3 3 3 3 3 3 <b>18</b>	Spring Semester MA 343 – Applied Statistics MA 381 – History of Mathematics *RD 484 – Reading in the Content Area Natural Science General Education Soc. Sci. General Education Soc. Sci. General Education TOTAL	3 3 3 3 3 3 3 <b>18</b>
Fall SemesterMA 354 – Abstract Algebra*ED 363 - Methods*ED 385 – Foundations of EducationEN 300 – Advanced CompositionAR/MU/TH General EducationNatural Science General EducationTOTALSeniorFall Semester	3 3 3 3 3 3 3 <b>18</b>	Spring SemesterMA 343 – Applied StatisticsMA 381 – History of Mathematics*RD 484 – Reading in the Content AreaNatural Science General EducationSoc. Sci. General EducationSoc. Sci. General EducationTOTALSpring Semester	3 3 3 3 3 3 3 3 <b>18</b>
Fall SemesterMA 354 – Abstract Algebra*ED 363 - Methods*ED 385 – Foundations of EducationEN 300 – Advanced CompositionAR/MU/TH General EducationNatural Science General EducationTOTALSeniorFall SemesterMA 371 – Real Analysis I	3 3 3 3 3 3 3 <b>18</b> 3 3	Spring SemesterMA 343 – Applied StatisticsMA 381 – History of Mathematics*RD 484 – Reading in the Content AreaNatural Science General EducationSoc. Sci. General EducationSoc. Sci. General EducationTOTALSpring Semester*ED 400 – Understanding the Schools	3 3 3 3 3 3 3 3 <b>18</b> 2
Fall SemesterMA 354 – Abstract Algebra*ED 363 - Methods*ED 385 – Foundations of EducationEN 300 – Advanced CompositionAR/MU/TH General EducationNatural Science General EducationTOTALSeniorFall SemesterMA 371 – Real Analysis IMA 387 – Capstone Experience	3 3 3 3 3 3 <b>18</b> 3 2	Spring SemesterMA 343 – Applied StatisticsMA 381 – History of Mathematics*RD 484 – Reading in the Content AreaNatural Science General EducationSoc. Sci. General EducationSoc. Sci. General EducationTOTALSpring Semester*ED 400 – Understanding the Schools*ED 405 – Classroom Management	3 3 3 3 3 3 3 <b>18</b> 2 1
Fall SemesterMA 354 – Abstract Algebra*ED 363 - Methods*ED 385 – Foundations of EducationEN 300 – Advanced CompositionAR/MU/TH General EducationNatural Science General EducationTOTALSeniorFall SemesterMA 371 – Real Analysis IMA 387 – Capstone ExperienceMA 388 – Capstone Research	3 3 3 3 3 3 3 <b>18</b> 3 2 1	Spring SemesterMA 343 – Applied StatisticsMA 381 – History of Mathematics*RD 484 – Reading in the Content AreaNatural Science General EducationSoc. Sci. General EducationSoc. Sci. General EducationTOTALSpring Semester*ED 400 – Understanding the Schools*ED 405 – Classroom Management*ED 410 – Student Teaching	3 3 3 3 3 3 3 3 <b>18</b> 2 1 12
Fall SemesterMA 354 – Abstract Algebra*ED 363 - Methods*ED 385 – Foundations of EducationEN 300 – Advanced CompositionAR/MU/TH General EducationNatural Science General EducationTOTALSeniorFall SemesterMA 371 – Real Analysis IMA 387 – Capstone ExperienceMA 388 – Capstone Research*ED 402 – Teaching Struggling Learners	3 3 3 3 3 3 <b>18</b> 3 2 1 2	Spring SemesterMA 343 – Applied StatisticsMA 381 – History of Mathematics*RD 484 – Reading in the Content AreaNatural Science General EducationSoc. Sci. General EducationSoc. Sci. General EducationTOTALSpring Semester*ED 400 – Understanding the Schools*ED 405 – Classroom Management*ED 410 – Student Teaching	3 3 3 3 3 3 3 <b>18</b> 2 1 12
Fall SemesterMA 354 – Abstract Algebra*ED 363 - Methods*ED 385 – Foundations of EducationEN 300 – Advanced CompositionAR/MU/TH General EducationNatural Science General EducationTOTALSeniorFall SemesterMA 371 – Real Analysis IMA 387 – Capstone ExperienceMA 388 – Capstone Research*ED 402 – Teaching Struggling LearnersHumanities General Education	3 3 3 3 3 3 <b>18</b> 3 2 1 2 3	Spring SemesterMA 343 – Applied StatisticsMA 381 – History of Mathematics*RD 484 – Reading in the Content AreaNatural Science General EducationSoc. Sci. General EducationSoc. Sci. General EducationTOTALSpring Semester*ED 400 – Understanding the Schools*ED 405 – Classroom Management*ED 410 – Student Teaching	3 3 3 3 3 3 <b>18</b> 2 1 12
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Fall SemesterMA 354 – Abstract Algebra*ED 363 - Methods*ED 385 – Foundations of EducationEN 300 – Advanced CompositionAR/MU/TH General EducationNatural Science General EducationTOTALSeniorFall SemesterMA 371 – Real Analysis IMA 387 – Capstone ExperienceMA 388 – Capstone Research*ED 402 – Teaching Struggling LearnersHumanities General EducationSoc. Sci. General EducationNatural Science General Education	3 3 3 3 3 3 <b>18</b> 3 2 1 2 3 3 3 3	Spring Semester         MA 343 – Applied Statistics         MA 381 – History of Mathematics         *RD 484 – Reading in the Content Area         Natural Science General Education         Soc. Sci. General Education         Soc. Sci. General Education         TOTAL         *ED 400 – Understanding the Schools         *ED 405 – Classroom Management         *ED 410 – Student Teaching	3 3 3 3 3 3 <b>18</b> 2 1 12

\*Formal admission to the Professional Education Program required.

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Fall Semester		Spring Semester	
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WU 101 – Washburn Experience	3	EN 101 – Freshman Composition	3
PH 220 – Logic (1)	3	ED 225 Becoming an Education	
ED 159 - EPIC	1	Professional	3
ED 200 – Educational Psychology	3	MA 140 – Statistics	3
		Soc. Sci. General Education (1)	3
TOTAL	15	TOTAL	17
Sophomore			
Fall Semester		Spring Semester	
MA 253 – Calculus III	3	MA 301 – Linear Algebra	3
ED 302 – Exceptional Learners	3	MA 207 – Discrete Mathematics	3
Natural Science General Education (1)	3	MA 381 – History of Mathematics	3
Soc. Sci. General Education (2)	3	ED 300 – Integrating Technology	3
Humanities General Education (2)	3	Soc. Sci. General Education (3)	3
FL 101 – Foreign Language I	4	FL 102 – Foreign Language II	4
TOTAL	19		19
Junior			
Fall Semester		Spring Semester	
Fall SemesterMA 371 – Real Analysis I	3	Spring Semester MA 367 – Modern Geometry	3
Fall Semester MA 371 – Real Analysis I ED 363 - Methods	3 3	Spring Semester MA 367 – Modern Geometry MA 343 – Applied Statistics	3 3
Fall Semester MA 371 – Real Analysis I ED 363 - Methods ED 385 – Foundations of Education	3 3 3	Spring Semester MA 367 – Modern Geometry MA 343 – Applied Statistics RD 484 – Reading in the Content Area	3 3 3 3
Fall Semester MA 371 – Real Analysis I ED 363 - Methods ED 385 – Foundations of Education EN 300 – Advanced Composition	3 3 3 3 3	Spring Semester MA 367 – Modern Geometry MA 343 – Applied Statistics RD 484 – Reading in the Content Area Humanities General Education (4)	3 3 3 3 3
Fall Semester MA 371 – Real Analysis I ED 363 - Methods ED 385 – Foundations of Education EN 300 – Advanced Composition AR/MU/TH General Education (3)	3 3 3 3 3 3	Spring Semester MA 367 – Modern Geometry MA 343 – Applied Statistics RD 484 – Reading in the Content Area Humanities General Education (4) Natural Science General Education (3)	3 3 3 3 3 3 3
Fall SemesterMA 371 – Real Analysis IED 363 - MethodsED 385 – Foundations of EducationEN 300 – Advanced CompositionAR/MU/TH General Education (3)Natural Science General Education (2)	3 3 3 3 3 3 3	Spring Semester MA 367 – Modern Geometry MA 343 – Applied Statistics RD 484 – Reading in the Content Area Humanities General Education (4) Natural Science General Education (3) Soc. Sci. General Education (4)	3 3 3 3 3 3 3 3
Fall SemesterMA 371 – Real Analysis IED 363 - MethodsED 385 – Foundations of EducationEN 300 – Advanced CompositionAR/MU/TH General Education (3)Natural Science General Education (2)TOTAL	3 3 3 3 3 3 3 18	Spring Semester MA 367 – Modern Geometry MA 343 – Applied Statistics RD 484 – Reading in the Content Area Humanities General Education (4) Natural Science General Education (3) Soc. Sci. General Education (4) TOTAL	3 3 3 3 3 3 3 3 18
Fall SemesterMA 371 – Real Analysis IED 363 - MethodsED 385 – Foundations of EducationEN 300 – Advanced CompositionAR/MU/TH General Education (3)Natural Science General Education (2)TOTALSenior	3 3 3 3 3 3 3 <b>18</b>	Spring Semester MA 367 – Modern Geometry MA 343 – Applied Statistics RD 484 – Reading in the Content Area Humanities General Education (4) Natural Science General Education (3) Soc. Sci. General Education (4) TOTAL	3 3 3 3 3 3 3 18
Fall SemesterMA 371 – Real Analysis IED 363 - MethodsED 385 – Foundations of EducationEN 300 – Advanced CompositionAR/MU/TH General Education (3)Natural Science General Education (2)TOTALSeniorFall Semester	3 3 3 3 3 3 3 <b>18</b>	Spring Semester MA 367 – Modern Geometry MA 343 – Applied Statistics RD 484 – Reading in the Content Area Humanities General Education (4) Natural Science General Education (3) Soc. Sci. General Education (4) TOTAL Spring Semester	3 3 3 3 3 3 3 18
Fall SemesterMA 371 – Real Analysis IED 363 - MethodsED 385 – Foundations of EducationEN 300 – Advanced CompositionAR/MU/TH General Education (3)Natural Science General Education (2)TOTALSeniorFall SemesterMA 354 – Abstract Algebra	3 3 3 3 3 3 3 <b>18</b> 3 3	Spring SemesterMA 367 – Modern GeometryMA 343 – Applied StatisticsRD 484 – Reading in the Content AreaHumanities General Education (4)Natural Science General Education (3)Soc. Sci. General Education (4)TOTALSpring SemesterED 400 – Understanding the Schools	3 3 3 3 3 3 3 18 2
Fall SemesterMA 371 – Real Analysis IED 363 - MethodsED 385 – Foundations of EducationEN 300 – Advanced CompositionAR/MU/TH General Education (3)Natural Science General Education (2)TOTALSeniorFall SemesterMA 354 – Abstract AlgebraMA 387 – Capstone Experience	3 3 3 3 3 3 3 <b>18</b> 3 2	Spring SemesterMA 367 – Modern GeometryMA 343 – Applied StatisticsRD 484 – Reading in the Content AreaHumanities General Education (4)Natural Science General Education (3)Soc. Sci. General Education (4)TOTALSpring SemesterED 400 – Understanding the SchoolsED 405 – Classroom Management	3 3 3 3 3 3 3 3 18 2 1
Fall SemesterMA 371 – Real Analysis IED 363 - MethodsED 385 – Foundations of EducationEN 300 – Advanced CompositionAR/MU/TH General Education (3)Natural Science General Education (2)TOTALSeniorFall SemesterMA 354 – Abstract AlgebraMA 387 – Capstone ExperienceMA 388 – Capstone Research	3 3 3 3 3 3 <b>18</b> 3 2 1	Spring SemesterMA 367 – Modern GeometryMA 343 – Applied StatisticsRD 484 – Reading in the Content AreaHumanities General Education (4)Natural Science General Education (3)Soc. Sci. General Education (4)TOTALSpring SemesterED 400 – Understanding the SchoolsED 405 – Classroom ManagementED 410 – Student Teaching	3 3 3 3 3 3 3 18 2 1 12
Fall SemesterMA 371 – Real Analysis IED 363 - MethodsED 385 – Foundations of EducationEN 300 – Advanced CompositionAR/MU/TH General Education (3)Natural Science General Education (2)TOTALSeniorFall SemesterMA 354 – Abstract AlgebraMA 387 – Capstone ExperienceMA 388 – Capstone ResearchED 402 – Teaching the Struggling	3 3 3 3 3 3 3 <b>18</b> 3 2 1	Spring SemesterMA 367 – Modern GeometryMA 343 – Applied StatisticsRD 484 – Reading in the Content AreaHumanities General Education (4)Natural Science General Education (3)Soc. Sci. General Education (4)TOTALSpring SemesterED 400 – Understanding the SchoolsED 405 – Classroom ManagementED 410 – Student Teaching	3 3 3 3 3 3 3 <b>18</b> 2 1 12
Fall SemesterMA 371 – Real Analysis IED 363 - MethodsED 385 – Foundations of EducationEN 300 – Advanced CompositionAR/MU/TH General Education (3)Natural Science General Education (2)TOTALSeniorFall SemesterMA 354 – Abstract AlgebraMA 387 – Capstone ExperienceMA 388 – Capstone ResearchED 402 – Teaching the StrugglingLearners	3 3 3 3 3 3 3 <b>18</b> 3 2 1 2	Spring SemesterMA 367 – Modern GeometryMA 343 – Applied StatisticsRD 484 – Reading in the Content AreaHumanities General Education (4)Natural Science General Education (3)Soc. Sci. General Education (4)TOTALSpring SemesterED 400 – Understanding the SchoolsED 405 – Classroom ManagementED 410 – Student Teaching	3 3 3 3 3 3 3 3 18 2 1 12
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Fall SemesterMA 371 – Real Analysis IED 363 - MethodsED 385 – Foundations of EducationEN 300 – Advanced CompositionAR/MU/TH General Education (3)Natural Science General Education (2)TOTALSeniorMA 354 – Abstract AlgebraMA 387 – Capstone ExperienceMA 388 – Capstone ResearchED 402 – Teaching the StrugglingLearnersNatural Science General Education (4)Soc. Sci. General Education (5)	3 3 3 3 3 3 3 <b>18</b> 3 2 1 3 2 3 3	Spring SemesterMA 367 – Modern GeometryMA 343 – Applied StatisticsRD 484 – Reading in the Content AreaHumanities General Education (4)Natural Science General Education (3)Soc. Sci. General Education (4)TOTALSpring SemesterED 400 – Understanding the SchoolsED 405 – Classroom ManagementED 410 – Student Teaching	3 3 3 3 3 3 3 3 18 2 1 12
Fall SemesterMA 371 – Real Analysis IED 363 - MethodsED 385 – Foundations of EducationEN 300 – Advanced CompositionAR/MU/TH General Education (3)Natural Science General Education (2)TOTALSeniorFall SemesterMA 354 – Abstract AlgebraMA 387 – Capstone ExperienceMA 388 – Capstone ResearchED 402 – Teaching the StrugglingLearnersNatural Science General Education (4)Soc. Sci. General Education (5)Humanities General Education (5)	3 3 3 3 3 3 3 <b>18</b> 3 2 1 3 2 1 2 3 3 3 3	Spring SemesterMA 367 – Modern GeometryMA 343 – Applied StatisticsRD 484 – Reading in the Content AreaHumanities General Education (4)Natural Science General Education (3)Soc. Sci. General Education (4)TOTALSpring SemesterED 400 – Understanding the SchoolsED 405 – Classroom ManagementED 410 – Student Teaching	3 3 3 3 3 3 3 3 18 2 1 12

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