



# UNIVERSITY OF SAINT JOSEPH

## Mathematics Actuarial Science

FALL	1 <sup>st</sup> Semester: _____	<b>16</b>
	MATH 170 Calculus I	4
	MATH 165 Discrete Math I	3
	INTD 100 First Year Seminar I	3
	ECON 101 Principles of Macroeconomics++	3
	ENGL 104 or ENGL 110 (Honors)	3
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SPRING	2 <sup>nd</sup> Semester: _____	<b>14</b>
	MATH 180 Calculus II	4
	ECON 102 Principles of Microeconomics++	3
	ACCT 201 Principles of Accounting I	3
	INTD 116 First Year Seminar II	1
	CORE	3
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FALL	3 <sup>rd</sup> Semester: _____	<b>16</b>
	MATH 251 Probability and Statistics I*	3
	COMP 110 Computer Programming I <i>(Can be taken 1st Year)</i>	4
	ACCT 202 Principles of Accounting II	3
	CORE	3
	CORE	3
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SPRING	4 <sup>th</sup> Semester: _____	<b>15</b>
	MATH 252 Probability & Statistics II *	3
	MATH 340 Actuarial Problem Solving *	3
	ENGL 205 Business & Professional Communication	3
	CORE	3
	CORE	3
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<i>Students are advised to prepare for and take the SOA/CAS Exam P/1 at the end of Spring semester</i>		

FALL	5 <sup>th</sup> Semester: _____	<b>15</b>
	MATH 220 Calculus III *	3
	INTD 301 Mercy Integrative Seminar (Fall or Spring)	3
	CORE/Elective	3
	CORE/Elective	3
	CORE/Elective	3
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SPRING	6 <sup>th</sup> Semester: _____	<b>15</b>
	MATH 320 Linear Algebra*	4
	MATH 345 Theory of Interest *	3
	CORE/Elective	3
	CORE/Elective	3
	CORE/Elective	3
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<i>Students are advised to prepare for and take the SOA/CAS Exam FM/2 at the end of Spring semester</i>		

FALL	7 <sup>th</sup> Semester: _____	<b>15</b>
	MATH 485 Internship <i>or</i>	
	MATH 499 Coordinating Seminar	3
	MATH 471 Fund/of Actuarial Mathematics (recommended)	3
	Upper Level Math/Management Elective	3
	CORE/Elective	3
CORE/Elective	3	
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SPRING	8 <sup>th</sup> Semester: _____	<b>15</b>
	MGMT 305 Financial Management	3
	MATH 472 Adv. Short-Term Actuarial Math (recommended)	3
	Upper Level Math/Management Elective	3
	CORE/Elective	3
	CORE/Elective	3
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\* Offered every other year. See department major advisor for more information

++ ECON 101 & ECON 102 can be taken 2nd or 3rd year

Other recommended Actuarial Science Electives: COMP 210, COMP 255, COMP 250, COMP 150, MGMT 245

**NOTE:** This is an unofficial worksheet and is subject to change. The responsibility to register for the necessary courses in the proper sequence to meet the academic program requirements rests with the student. Please consult your advisor every semester, and the USJ catalog, for the most up-to-date degree program requirements.