## **BUTLER UNIVERSITY • DEPARTMENT OF THEATRE**

## **B.A. IN THEATRE PLUS A SECONDARY MAJOR IN ACTUARIAL SCIENCE**

- The B.A. degree in Theatre requires 124 credits.
  - --40 hours must be 300 or 400-level courses.
  - --All theatre majors have Arts Event Attendance Requirements; for details, check https://www.butler.edu/jca/for-current-students.
- The double major of Theatre and Actuarial Science will fulfill the following Areas of Inquiry in the University Core Curriculum: Perspectives of the Creative Arts and Analytic Reasoning. In addition, the B.A. Theatre curriculum fulfills the Indianapolis Community Requirement and the Social Justice and Diversity requirement of the Butler University Core Curriculum; theatre majors are exempted from the Butler Cultural Requirement because of the arts event attendance requirements for all arts majors.
- The student will be assigned an Actuarial Science advisor in addition to their Theatre advisor.

Semester 1			Semester 2		
TH 100	Professional Theatre Pract	1	TH 100	Professional Theatre Pract	1
TH 101	Professional Theatre Lab	0	TH 101	Professional Theatre Lab	0
TH 111	Acting 1	3	TH 112	Acting 2	3
TH 121	Stage Movement 1	2	TH 122	Voice for the Actor 1	2
TH 130	Production Fundamentals	2	TH 250	Text Analysis	3
TH 150-ICR	The Idea of Theatre	3			
FYS 101	First Year Seminar	3	FYS 102	First Year Seminar	3
PWB	Physical Well-Being	1			
MA 106*	Calculus & Anal. Geo. 1	4	MA 107	Calculus & Anal. Geo. 2	4
			MS 100	<b>Business Appl with Excel</b>	2
TOTAL Credit Hours:		19			18

<sup>\*</sup>Math placement test required; the student may need to take MA 101 (Algebra, 3 cr.) and/or MA 102 (Precalculus, 3 cr.) prior to MA 106. Students get credit for MA 106 if they receive a 4 or 5 on the Calculus AB AP exam; they receive credit for both MA 106 and MA 107 if they receive a 4 or 5 on the Calculus BC AP exam with a 4 or 5 on the AB subscore.

Semester 3			Semester 4	1	
TH 300	Professional Theatre Pract	1	TH 300	Professional Theatre Pract	1
TH 232/331/335 TH Design Course		3	TH 301	Professional Theatre Lab	0
	-		TH 232/331	/335 TH Design Course	3
			TH	Theatre Electives	3
GHS	Global and Historical Studies	3	ті	Texts and Ideas	3
AC 203	Introduction to Accounting 1	3	MA 361	Statistical Theory	3
MA 208	Calculus & Anal. Geo. 3	4	MA 363	Probability Theory 2	3
MA 360	Probability Theory 1	3	Language El	ective	3
Language Elective		3			

Explanation: 6 hours of the same language at the 200-level or higher are required.

Semester 5			Semester 6		
TH 300	Professional Theatre Pract	1	TH 451/2/3	Critical Perspectives 1/2/3	3
TH 301	Professional Theatre Lab	0	TH	Theatre Electives	3
TH 232/331/335 TH Design Course		3			
TH 351/2-SJD	Amer Theatre History 1/2	3			
TH	Theatre Electives	3			
			SW	The Social World (if needed)	3
CS 142	Intro to Comp Sc & Program	3	MA 310	Linear Algebra	3
MA 395	Financial Mathematics	4	MA 398	Actuarial Mathematics 2	3
MA 397	Actuarial Mathematics 1	3	MS 265	Information Technology	3
TOTAL Credit Hours:		20			18
Semester 7			Semester 8		
<b>Semester 7</b> TH 441	Stage Directing 1	3	Semester 8 TH 300	Professional Theatre Pract	1
TH 441	Stage Directing 1 Senior Capstone in Theatre	3		Professional Theatre Pract Professional Theatre Lab	1 0
TH 441	Stage Directing 1 Senior Capstone in Theatre		TH 300		0
	9		TH 300 TH 301	Professional Theatre Lab	0
TH 441 TH 490	Senior Capstone in Theatre	1	TH 300 TH 301 TH 491-99	Professional Theatre Lab Capstone Project, Internship	0 1
TH 441 TH 490 NW EC 231	Senior Capstone in Theatre  The Natural World  Principles of Microeconomics Corporate Finance	1 5	TH 300 TH 301 TH 491-99 GHS	Professional Theatre Lab Capstone Project, Internship Global and Historical Studies	0 1+ 3
TH 441 TH 490 NW	Senior Capstone in Theatre  The Natural World  Principles of Microeconomics	1 5 3	TH 300 TH 301 TH 491-99 GHS EC 232	Professional Theatre Lab Capstone Project, Internship Global and Historical Studies Principles of Macroeconomics	0 1+ 3
TH 441 TH 490 NW EC 231 FN 340	Senior Capstone in Theatre  The Natural World  Principles of Microeconomics Corporate Finance	<ul><li>5</li><li>3</li><li>3</li></ul>	TH 300 TH 301 TH 491-99 GHS EC 232 MA 372	Professional Theatre Lab Capstone Project, Internship Global and Historical Studies Principles of Macroeconomics Loss Models	0 1+ 3 3 3

## **SUMMARY**

TH 100         Professional Theatre Practices (first-year: 2 sem)         0,0           TH 101         Professional Theatre Lab (first-year: 2 sem)         0,0           TH 300         Professional Theatre Practices (soph,jr,sr)         4 (1,1,1,1)           TH 301         Professional Theatre Lab (soph,jr,sr: 3 sem)         0,0,0           TH 111         Acting 1         3           TH 112         Acting 2         3           TH 121         Stage Movement 1         2           TH 122         Voice for the Actor 1         2           TH 130         Production Fundamentals         2           TH 130         Production Fundamentals         2           TH 150-ICR         Idea of Theatre         3           TH 250         Izex Analysis         3           TH 250         Text Analysis         3           TH 331         Scenography         3           TH 331         Scenography         3           TH 331         Scenography         3           TH 341,452,453         Critical Perspectives of Theatre 1,2,3         3           TH 441         Stage Directing 1         3           TH 490         Senior Capstone in Theatre         1           TH 491,452,453         Critic	REQUIRED THEAT	TRE COURSES:					
TH 101         Professional Theatre Lab (first-year: 2 sem)         0,0           TH 300         Professional Theatre Practices (soph,jr,sr)         4 (1,1,1,1)           TH 301         Professional Theatre Lab (soph,jr,sr: 3 sem)         0,0,0           TH 111         Acting 1         3           TH 112         Acting 2         3           TH 121         Stage Movement 1         2           TH 122         Voice for the Actor 1         2           TH 130         Production Fundamentals         2           TH 150+ICR         Idea of Theatre         3           TH 150+ICR         Idea of Theatre         3           TH 250         Text Analysis         3           TH 250         Text Analysis         3           TH 331         Scenography         3           TH 331         Scenography         3           TH 341         Stage Directing 1         3           TH 441         Stage Directing 1         3           TH 490         Senior Capstone in Theatre         1           TH 491-499         Capstone Project, Internship, or Thesis         1+           Theatre Electives         First Year Seminar         3,3           GHS         Global and Historical Studies	•		2 (1,1)				
TH 300         Professional Theatre Practices (soph, jr, sr)         4 (1,1,1,1)           TH 301         Professional Theatre Lab (soph, jr, sr: 3 sem)         0,0,0           TH 111         Acting 1         3           TH 112         Acting 2         3           TH 121         Stage Movement 1         2           TH 122         Voice for the Actor 1         2           TH 130         Production Fundamentals         2           TH 150-ICR         Idea of Theatre         3           TH 232         Stage Lighting 1         3           TH 250         Text Analysis         3           TH 331         Scenography         3           TH 351,352-SJD         American Theatre History 1,2         3           TH 351,452,453         Critical Perspectives of Theatre 1,2,3         3           TH 490         Senior Capstone in Theatre         1           TH 491-499         Capstone Project, Internship, or Thesis         1+           The Social World (if neaded)         3           TM         The Natural World         5           SW         The Social World (if needed)         3           TI         Texts and Ideas         3           PWB         Physical Well-Being         1	TH 101						
TH 301         Professional Theatre Lab (soph,jr,sr: 3 sem)         0,0,0           TH 111         Acting 1         3           TH 112         Acting 2         3           TH 121         Stage Movement 1         2           TH 122         Voice for the Actor 1         2           TH 130         Production Fundamentals         2           TH 130         Production Fundamentals         2           TH 150-ICR         Idea of Theatre         3           TH 250         Text Analysis         3           TH 250         Text Analysis         3           TH 331         Scenography         3           TH 351,352-SJD         American Theatre History 1,2         3           TH 441         Stage Directing 1         3           TH 441         Stage Directing 1         3           TH 499         Capstone Project, Internship, or Thesis         1+           TH 491-499         Capstone Project, Internship, or Thesis         1+           TH 491-499         First Year Seminar         3,3           GHS         Global and Historical Studies         3,3           NW         The Natural World         5           SW         The Social World (if needed)         3 <td>TH 300</td> <td></td> <td>•</td>	TH 300		•				
TH 111       Acting 1       3         TH 112       Acting 2       3         TH 121       Stage Movement 1       2         TH 122       Voice for the Actor 1       2         TH 130       Production Fundamentals       2         TH 150-ICR       Idea of Theatre       3         TH 232       Stage Lighting 1       3         TH 250       Text Analysis       3         TH 331       Scenography       3         TH 335       Costume Design       3         TH 331       Scenography       3         TH 441       Stage Directing 1       3         TH 441       Stage Directing 1       3         TH 490       Senior Capstone in Theatre 1,2,3       3         TH 491-499       Capstone Project, Internship, or Thesis       1+         Theatre Electives       7       7         TOTAL       53         UNIVERSITY CORE CURRICULUM:         FYS 101,102       First Year Seminar       3,3         GHS       Global and Historical Studies       3,3         NW       The Natural World       5         SW       The Social World (if needed)       3         TI       T							
TH 112       Acting 2       3         TH 121       Stage Movement 1       2         TH 122       Voice for the Actor 1       2         TH 130       Production Fundamentals       2         TH 150-ICR       Idea of Theatre       3         TH 232       Stage Lighting 1       3         TH 250       Text Analysis       3         TH 331       Scenography       3         TH 351,352-SJD       American Theatre History 1,2       3         TH 441       Stage Directing 1       3         TH 490       Senior Capstone in Theatre       1         TH 491-499       Capstone Project, Internship, or Thesis       1+         Theatre Electives       9         TOTAL       53         UNIVERSITY CORE CURRICULUM:         FYS 101,102       First Year Seminar       3,3         GHS       Global and Historical Studies       3,3         NW       The Natural World       5         SW       The Social World (if needed)       3         TI       Texts and Ideas       3         PWB       Physical Well-Being       1         TOTAL       24         COURSES REQUIRED FOR THE ACTUARIA							
TH 121       Stage Movement 1       2         TH 122       Voice for the Actor 1       2         TH 130       Production Fundamentals       2         TH 150-ICR       Idea of Theatre       3         TH 150-ICR       Idea of Theatre       3         TH 232       Stage Lighting 1       3         TH 250       Text Analysis       3         TH 331       Scenography       3         TH 351,352-SJD       American Theatre History 1,2       3         TH 441       Stage Directing 1       3         TH 451,452,453       Critical Perspectives of Theatre 1,2,3       3         TH 490       Senior Capstone in Theatre       1         TH 491-499       Capstone Project, Internship, or Thesis       1+         Theatre Electives       7       7         TOTAL       53      UNIVERSITY CORE CURRICULUM:  FYS 101,102 First Year Seminar FYS 101,102 First Year Seminar Glass Global and Historical Studies Global a		•					
TH 122       Voice for the Actor 1       2         TH 130       Production Fundamentals       2         TH 150-ICR       Idea of Theatre       3         TH 232       Stage Lighting 1       3         TH 250       Text Analysis       3         TH 331       Scenography       3         TH 335       Costume Design       3         TH 351,352-SJD       American Theatre History 1,2       3         TH 441       Stage Directing 1       3         TH 490       Senior Capstone in Theatre       1         TH 491-499       Capstone Project, Internship, or Thesis       1+         Theatre Electives       9         TOTAL       53     **CURIVERSITY CORE CURRICULUM:  **FYS 101,102       First Year Seminar       3,3         GHS       Global and Historical Studies       3,3         NW       The Natural World       5         SW       The Social World (if needed)       3         TI       Texts and Ideas       3         PWB       Physical Well-Being       1         TOTAL       24         COURSES REQUIRED FOR THE ACTUARIAL SCIENCE MAJOR:         MA 106*       Calculus & Anal Geometry 2       4		_					
TH 130       Production Fundamentals       2         TH 150-ICR       Idea of Theatre       3         TH 232       Stage Lighting 1       3         TH 250       Text Analysis       3         TH 331       Scenography       3         TH 351,352-SJD       American Theatre History 1,2       3         TH 441       Stage Directing 1       3         TH 490       Senior Capstone in Theatre       1         TH 491-499       Capstone Project, Internship, or Thesis       1+         Theatre Electives       9         TOTAL       53     UNIVERSITY CORE CURRICULUM:  FYS 101,102  First Year Seminar Global and Historical Studies  John College Global and Historical Studies John College Global and Historical Studies John College Global Analysis John College Global		•					
TH 150-ICR       Idea of Theatre       3         TH 232       Stage Lighting 1       3         TH 250       Text Analysis       3         TH 331       Scenography       3         TH 335       Costume Design       3         TH 351,352-SJD       American Theatre History 1,2       3         TH 441       Stage Directing 1       3         TH 451,452,453       Critical Perspectives of Theatre 1,2,3       3         TH 490       Senior Capstone in Theatre       1         TH 491-499       Capstone Project, Internship, or Thesis       1+         Theatre Electives       9         TOTAL       53     UNIVERSITY CORE CURRICULUM:  FYS 101,102  First Year Seminar  Global and Historical Studies  3,3  NW  The Natural World  5  SW  The Natural World  5  SW  The Social World (if needed)  71  Texts and Ideas  71  Texts and Ideas  70  Physical Well-Being  TOTAL  24  COURSES REQUIRED FOR THE ACTUARIAL SCIENCE MAJOR:  MA 106*  Calculus & Anal Geometry 1  4  MA 107  Calculus & Anal Geometry 2  4  MA 208  MA 208  Calculus & Anal Geometry 3  4  MA 310  Linear Algebra  3  MA 361  Statistical Theory  3  MA 361  MA 361  Statistical Theory  3  MA 362  Linear Regression and Time Series  3  MA 363  Probability Theory 2  3  MA 372  Loss Models  MA 395  Financial Mathematics  4  MA 397  Actuarial Mathematics  3  MA 398  Financial Derivatives  3  Thus 12  Text Analyse  3  The 12  Text Analyse  3  The 12  Text Analyse  4  The 12  Text Analyse  Text Analyse  1  To Tat.  3  The 14  The 14  The 14  The							
TH 232       Stage Lighting 1       3         TH 250       Text Analysis       3         TH 331       Scenography       3         TH 335       Costume Design       3         TH 351,352-SJD       American Theatre History 1,2       3         TH 441       Stage Directing 1       3         TH 451,452,453       Critical Perspectives of Theatre 1,2,3       3         TH 490       Senior Capstone in Theatre       1         TH 491-499       Capstone Project, Internship, or Thesis       1+         Theatre Electives       9         TOTAL       53     **WINIVERSITY CORE CURRICULUM:  **TOTAL**  **COURSES REQUIRED**  **TOTAL**  **TOTAL**  **COURSES REQUIRED**  **FORTION THE ACTUARIAL SCIENCE MAJOR:*  **MA 106***  **Calculus & Anal Geometry 1       4         MA 208       Calculus & Anal Geometry 2       4         MA 208       Calculus & Anal Geometry 3       4         MA 310       Linear Algebra       3         MA 300       Probability Theory 1       3         MA 361       Statistical Theory       3         MA 362       Linear Regression and Time Series       3         MA 372       Loss Mo							
TH 250       Text Analysis       3         TH 331       Scenography       3         TH 335       Costume Design       3         TH 351,352-SJD       American Theatre History 1,2       3         TH 441       Stage Directing 1       3         TH 451,452,453       Critical Perspectives of Theatre 1,2,3       3         TH 490       Senior Capstone in Theatre       1         TH 491-499       Capstone Project, Internship, or Thesis       1+         Theatre Electives       9         TOTAL       53         UNIVERSITY CORE CURRICULUM:         FYS 101,102       First Year Seminar       3,3         Global and Historical Studies       3,3         NW       The Natural World       5         SW       The Social World (if needed)       3         TI       Texts and Ideas       3         PWB       Physical Well-Being       1         TOTAL       24         COURSES REQUIRED FOR THE ACTUARIAL SCIENCE MAJOR:         MA 106*       Calculus & Anal Geometry 1       4         MA 208       Calculus & Anal Geometry 2       4         MA 310       Linear Algebra       3							
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TH 491-499 Theatre Electives  TOTAL  TOTAL  53  UNIVERSITY CORE CURRICULUM:  FYS 101,102  First Year Seminar  Global and Historical Studies  The Natural World  The Natural World  The Social World (if needed)  TOTAL  Texts and Ideas  PWB Physical Well-Being  TOTAL  COURSES REQUIRED FOR THE ACTUARIAL SCIENCE MAJOR:  MA 106*  Calculus & Anal Geometry 1  MA 208  Calculus & Anal Geometry 2  MA 208  Calculus & Anal Geometry 3  MA 310  Linear Algebra  MA 360  Probability Theory 1  MA 361  Statistical Theory  MA 362  Linear Regression and Time Series  MA 363  Probability Theory 2  MA 372  Loss Models  MA 395  Financial Mathematics  MA 397  Actuarial Mathematics 1  MA 398  Actuarial Mathematics 2  MA 399  Financial Derivatives  3  S  TOTAL  5  STATUTION  A 3,3  A 4  A 4  A 5  A 5  A 5  A 6  A 7  A 6  A 7  A Calculus A 7  A Calc		•					
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FYS 101,102 First Year Seminar 3,3  GHS Global and Historical Studies 3,3  NW The Natural World 5  SW The Social World (if needed) 3  TI Texts and Ideas 3  PWB Physical Well-Being 1  TOTAL 24   COURSES REQUIRED FOR THE ACTUARIAL SCIENCE MAJOR:  MA 106* Calculus & Anal Geometry 1 4  MA 107 Calculus & Anal Geometry 2 4  MA 208 Calculus & Anal Geometry 3 4  MA 310 Linear Algebra 3  MA 360 Probability Theory 1 3  MA 361 Statistical Theory 3  MA 362 Linear Regression and Time Series 3  MA 363 Probability Theory 2 3  MA 372 Loss Models 3  MA 395 Financial Mathematics 4  MA 397 Actuarial Mathematics 1 3  MA 398 Actuarial Mathematics 2 3  MA 399 Financial Derivatives 3	UNIVERSITY COR	E CURRICULUM:					
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SW The Social World (if needed) 3 TI Texts and Ideas 3 PWB Physical Well-Being 1 TOTAL 24  COURSES REQUIRED FOR THE ACTUARIAL SCIENCE MAJOR:  MA 106* Calculus & Anal Geometry 1 4 MA 107 Calculus & Anal Geometry 2 4 MA 208 Calculus & Anal Geometry 3 4 MA 310 Linear Algebra 3 MA 360 Probability Theory 1 3 MA 361 Statistical Theory 3 MA 362 Linear Regression and Time Series 3 MA 363 Probability Theory 2 3 MA 372 Loss Models 3 MA 395 Financial Mathematics 4 MA 397 Actuarial Mathematics 1 3 MA 398 Actuarial Mathematics 2 3 MA 399 Financial Derivatives 3							
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PWB Physical Well-Being							
TOTAL  COURSES REQUIRED FOR THE ACTUARIAL SCIENCE MAJOR:  MA 106* Calculus & Anal Geometry 1 4  MA 107 Calculus & Anal Geometry 2 4  MA 208 Calculus & Anal Geometry 3 4  MA 310 Linear Algebra 3  MA 360 Probability Theory 1 3  MA 361 Statistical Theory 3  MA 362 Linear Regression and Time Series 3  MA 363 Probability Theory 2 3  MA 372 Loss Models 3  MA 395 Financial Mathematics 4  MA 397 Actuarial Mathematics 1 3  MA 398 Actuarial Mathematics 2 3  MA 399 Financial Derivatives 3							
COURSES REQUIRED FOR THE ACTUARIAL SCIENCE MAJOR:  MA 106* Calculus & Anal Geometry 1 4  MA 107 Calculus & Anal Geometry 2 4  MA 208 Calculus & Anal Geometry 3 4  MA 310 Linear Algebra 3  MA 360 Probability Theory 1 3  MA 361 Statistical Theory 3  MA 362 Linear Regression and Time Series 3  MA 363 Probability Theory 2 3  MA 372 Loss Models 3  MA 395 Financial Mathematics 4  MA 397 Actuarial Mathematics 1 3  MA 398 Actuarial Mathematics 2 3  MA 399 Financial Derivatives 3	F VV D	-					
MA 106* Calculus & Anal Geometry 1 4 MA 107 Calculus & Anal Geometry 2 4 MA 208 Calculus & Anal Geometry 3 4 MA 310 Linear Algebra 3 MA 360 Probability Theory 1 3 MA 361 Statistical Theory 3 MA 362 Linear Regression and Time Series 3 MA 363 Probability Theory 2 3 MA 372 Loss Models 3 MA 395 Financial Mathematics 4 MA 397 Actuarial Mathematics 1 3 MA 398 Actuarial Mathematics 2 3 MA 399 Financial Derivatives 3		TOTAL	24				
MA 107 Calculus & Anal Geometry 2 4 MA 208 Calculus & Anal Geometry 3 4 MA 310 Linear Algebra 3 MA 360 Probability Theory 1 3 MA 361 Statistical Theory 3 MA 362 Linear Regression and Time Series 3 MA 363 Probability Theory 2 3 MA 372 Loss Models 3 MA 395 Financial Mathematics 4 MA 397 Actuarial Mathematics 1 3 MA 398 Financial Derivatives 3	COURSES REQUIRED FOR THE ACTUARIAL SCIENCE MAJOR:						
MA 208 Calculus & Anal Geometry 3 4 MA 310 Linear Algebra 3 MA 360 Probability Theory 1 3 MA 361 Statistical Theory 3 MA 362 Linear Regression and Time Series 3 MA 363 Probability Theory 2 3 MA 372 Loss Models 3 MA 395 Financial Mathematics 4 MA 397 Actuarial Mathematics 1 3 MA 398 Actuarial Mathematics 2 3 MA 399 Financial Derivatives 3		·	4				
MA 310 Linear Algebra 3 MA 360 Probability Theory 1 3 MA 361 Statistical Theory 3 MA 362 Linear Regression and Time Series 3 MA 363 Probability Theory 2 3 MA 372 Loss Models 3 MA 395 Financial Mathematics 4 MA 397 Actuarial Mathematics 1 3 MA 398 Actuarial Mathematics 2 3 MA 399 Financial Derivatives 3	MA 107	Calculus & Anal Geometry 2	4				
MA 360 Probability Theory 1 3 MA 361 Statistical Theory 3 MA 362 Linear Regression and Time Series 3 MA 363 Probability Theory 2 3 MA 372 Loss Models 3 MA 395 Financial Mathematics 4 MA 397 Actuarial Mathematics 1 3 MA 398 Actuarial Mathematics 2 3 MA 399 Financial Derivatives 3	MA 208	Calculus & Anal Geometry 3	4				
MA 361 Statistical Theory 3 MA 362 Linear Regression and Time Series 3 MA 363 Probability Theory 2 3 MA 372 Loss Models 3 MA 395 Financial Mathematics 4 MA 397 Actuarial Mathematics 1 3 MA 398 Actuarial Mathematics 2 3 MA 399 Financial Derivatives 3	MA 310	Linear Algebra	3				
MA 362 Linear Regression and Time Series 3 MA 363 Probability Theory 2 3 MA 372 Loss Models 3 MA 395 Financial Mathematics 4 MA 397 Actuarial Mathematics 1 3 MA 398 Actuarial Mathematics 2 3 MA 399 Financial Derivatives 3	MA 360	Probability Theory 1	3				
MA 363 Probability Theory 2 3 MA 372 Loss Models 3 MA 395 Financial Mathematics 4 MA 397 Actuarial Mathematics 1 3 MA 398 Actuarial Mathematics 2 3 MA 399 Financial Derivatives 3	MA 361	Statistical Theory	3				
MA 372 Loss Models 3 MA 395 Financial Mathematics 4 MA 397 Actuarial Mathematics 1 3 MA 398 Actuarial Mathematics 2 3 MA 399 Financial Derivatives 3	MA 362	Linear Regression and Time Series	3				
MA 372 Loss Models 3 MA 395 Financial Mathematics 4 MA 397 Actuarial Mathematics 1 3 MA 398 Actuarial Mathematics 2 3 MA 399 Financial Derivatives 3	MA 363		3				
MA 395 Financial Mathematics 4 MA 397 Actuarial Mathematics 1 3 MA 398 Actuarial Mathematics 2 3 MA 399 Financial Derivatives 3	MA 372	· · · · · · · · · · · · · · · · · · ·	3				
MA 397 Actuarial Mathematics 1 3 MA 398 Actuarial Mathematics 2 3 MA 399 Financial Derivatives 3		Financial Mathematics	4				
MA 398 Actuarial Mathematics 2 3 MA 399 Financial Derivatives 3			3				
MA 399 Financial Derivatives 3							
TOTAL 49	Language		_				

\*Math placement test required; the student may need to take MA 101 (Algebra, 3 cr.) and/or MA 102 (Precalculus, 3 cr.) prior to MA 106. Students get credit for MA 106 if they receive a 4 or 5 on the Calculus AB AP exam; they receive credit for both MA 106 and MA 107 if they receive a 4 or 5 on the Calculus BC AP exam with a 4 or 5 on the AB subscore.

## Additional Recommended Courses for the Actuarial Science major (included in the plan above):

AC 203	Introduction to Accounting 1	3
CS 142	Intro to Comp Sc & Programming	3
EC 231	Principles of Microeconomics	3
EC 232	Principles of Macroeconomics	3
FN 340	Corporate Finance	3
MA 495	Math for Investments & Financial Markets	3
MS 100	<b>Business Applications with Excel</b>	2
MS 265	Information Technology	3
	TOTAL	23

NOTE: Nine credits of business courses exempts the student from taking a Social World elective.

In addition, Actuarial Science majors are strongly encouraged to pass the CAS/SOA Exams P (probability) and FM (mathematics of finance), and obtain a summer internship while still an undergraduate.