

2024-2025

**B.A. or B.S. ACTUARIAL SCIENCE**



**GRACE CORE (39 credits)**

*Students will integrate faith and learning across disciplines, demonstrate foundational knowledge and ways of knowing, cultivate characteristics of maturity in relationships with God, others, self, and the world, and apply knowledge to all aspects of life through intellectual and practical skills.*

**1000-Level Courses**

**First-Year Learning Communities**

FYE 1000	First-Year Foundations	<b>3</b>
BIB 1050	Exploring the Bible	<b>3</b>
PSY 1200	Essentials of Behavioral Science	<b>3</b>
HIS 1050	Current Issues in Historical Context	<b>3</b>

**First-Year Learning Competencies**

ENG 1100	Effective Writing	<b>3</b>
COM 1100	Public Speaking	<b>3</b>

**2000-Level Courses**

HUM 2100	Creative Arts & Culture	<b>3</b>
@ HUM 2000	Global Perspectives	<b>3</b>
SCI 2030	Faith, Science, & Reason	<b>3</b>
HUM 2010-30	Cross-Cultural Field Experience	<b>0</b>
@ BIB 2010	Scripture and Interpretation	<b>3</b>

**3000-Level Courses**

ECN 3000	Consumer Economics	<b>3</b>
PHI 3010	Christianity and Critical Thinking	<b>3</b>
@ BIB 3300	Essential Doctrinal Themes	<b>3</b>

**ADDITIONAL GENERAL EDUCATION--B.A. or B.S. DEGREE (6 credits)**

**Satisfies B.S. Degree**

MAT 3200	Probability and Statistics	<b>3</b>
Any Social Science with the following course prefix:		<b>3</b>
PSY, BHS, SOC, ECN, CSI, HIS, POS, GEO		

**Satisfies B.A. Degree**

FRE/SPA	Proficiency in Language & Culture	<b>6</b>
GRE/HEB	French, Spanish, Greek, Hebrew	

**THE MAJOR (49 credits)**

**MATH AND SCIENCE COURSES**

MAT 1230	Calculus I	<b>4</b>
MAT 1240	Calculus I Lab	<b>0</b>
@ MAT 1250	Calculus II	<b>3</b>
@ MAT 2250	Calculus III	<b>3</b>
@ MAT 2280	Differential Equations	<b>3</b>
@ MAT 4120	Interest Theory	<b>3</b>
@ MAT 4200	Probability Theory	<b>3</b>
@ MAT 4320	Mathematical Statistics	<b>3</b>
@ MAT 4020	Senior Seminar in Mathematics	<b>3</b>
MAT 4930	Mathematics Internship	<b>3</b>

**BUSINESS COURSES**

ISM 1150	Intro to Computer Science	<b>3</b>
BUS 2230	Economics	<b>3</b>
BUS 3050	Business Spreadsheet App	<b>3</b>
@ FIN 3240	Corporate Finance	<b>3</b>
@ FIN 4610	Advanced Financial Math	<b>3</b>
ACC 2110	Financial Accounting	<b>3</b>
@ ACC 2120	Managerial Accounting	<b>3</b>

**GRADUATION REQUIREMENTS**

To receive a degree, each student must satisfy checksheet requirements, earn 120 credit hours, have a 2.2 GPA in major courses, a 2.0 GPA in minor courses, and a GPA of 2.0 overall. It is the student's responsibility to work with his/her advisor and monitor progress toward these goals. Some majors and/or minors may have more stringent guidelines.

**IS A MINOR REQUIRED WITH THIS MAJOR? YES**

**CHECKSHEET TOTAL CREDITS: 94  
TOTAL CREDITS NEEDED TO GRADUATE: 120**

*† Indicates a course taught by a partner college/university.*

*@ Indicates a course with prerequisites. Please review catalog for prerequisites.*