

The actuarial science program strives to provide high quality undergraduate-level preparation for students planning careers in the actuarial profession. Students will be prepared to be business leaders in the financial services industry as well as be thoroughly grounded in the technical skills required for actuarial work. This is a STEM-related major.

For students entering Fall, 2022 or later

Revised August 10, 2022

Name _____

Student ID _____

I. Basic Graduation Requirements	
120 - Total Credit Hours	<input type="text"/>
42 - 100-Level or Above Credit Hours	<input type="text"/>
2.0 or Above - Cumulative GPA	<input type="text"/>
2.0 or Above - Business 100-Level Course GPA	<input type="text"/>
Graduation Agreement - <i>Due 15 months prior to graduation</i>	<input type="text"/>
Graduation Application - Online In MyDUSIS	<input type="text"/>

II. Drake Curriculum - Areas of Inquiry (AOI's)			
	Course	Credit	Grade
First-Year Seminar		3	
Critical Thinking	ACCT 041	3	√
Written Communication		3	
Information Literacy	STAT 170	3	√
Historical Foundations		3	
Historical Foundations		3	
Global and Cultural Understanding	BUS 070	3	√
Values and Ethics	BLAW 060	3	√
Artistic Experience		3	
Physical Science*		3 or 4	
Life Science*		3 or 4	
Quantitative Literacy	MATH 050 or higher	3	
Engaged Citizen		3	
Senior Capstone	BUS 195	3	√

*One science course must include a lab.

III. All University Required Courses			
	Course	Credit	Grade
Blueprint for Success-Take in first semester	INTD 025	1	
Equity and Inclusion**		3	

** May be used to fill an AOI.

IV. Business Core Requirements (48 Credits)		
The Business Profession Sequence - Every Semester	Fall	Spring
BUS 001 - The Business Profession I		
BUS 002 - The Business Profession II		
BUS 003 - The Business Profession III		
BUS 004 - The Business Profession IV		
BUS 005- The Business Profession V - as needed		
	Credit	Grade
ACCT 041 - Introduction to Financial Accounting	3	
ACCT 042 - Introduction to Managerial Accounting	3	
ECON 002 - Principles of Microeconomics	3	
IS 044 - Microsoft Office Tools for Business Analysis	2	
BLAW 060 - Business Law I	3	
BUS 070 - Globalization	3	
BUS 073 -Professional Verbal Communication	2	
BUS 074 - Professional Written Communication	2	
IS 075 - Information Technology and Business	3	
FIN 101 - Corporate Finance	3	
MGMT 110 - Organizational Behavior	3	
MGMT 120 - Management of Operations	3	
MKTG 101 - Marketing Principles	3	
BUS 195 - Business Strategy and Policy	3	

V. Actuarial Science Major (46 Credits)		
	Credit	Grade
ACTS 050 - Introduction to Actuarial Science	0	
ACTS 120/120L - Theory of Interest and Lab	3.5	
ACTS 131/131L - Introduction to Probability and Lab	3.5	
ACTS 135 - Statistic Modeling/Data Analysis I	3	
ACTS 140 - Statistics for Risk Modeling	3	
ACTS 150 - Life Insurance Math I	3	
ACTS 161 - Introduction to Probability II	3	
ACTS 190 - Case Studies in Insurance & Actuarial Science	3	
ECON 010 - Principles of Macroeconomics	3	
INS 051 - Principles of Insurance	3	
MATH 050 - Calculus I	3	
MATH 070 - Calculus II	3	
STAT 040 - Introduction to R and SAS	3	
STAT 170 - Statistic Modeling/Data Analysis II	3	
Choose two:		
ACTS 155, ACTS 165, STAT 172, MATH 100, FIN 102, and FIN 121	3	
	3	