

Studying Plan distributed according to the semesters

1st Semester		
Course	Course Title	Credits
CI 140	Learning, Thinking and Research Skills	3
CHS 150	Health and Fitness (2)	1
ENG 140	English Language (1)	8
MATH 140	Introduction to Mathematics	2
Total		14

2nd Semester		
Course	Course Title	Credits
CT 140	Computer Skills	3
MC 140	Communication Skills	2
ENG 150	English Language (2)	8
MATH 150	Differential Calculus	3
ENT 101	Entrepreneurship	1
Total		17

3rd Semester		
Course	Course Title	Credits
MATH 111	Integral Calculus	4
STAT 100	Introduction to Statistics	3
CSC 201	Computer Programming	4
ACCT 201	Principles of Accounting and Financial Reporting	3
ECON 101	Principles of Microeconomics	3
	University Requirement	2
Total		19

4th Semester		
Course	Course Title	Credits
MATH 201	Differential and Integral Calculus	4
STAT 105	Statistical Methods	4
STAT 215	Probability (1)	4
CSC 202	Computer Programming using MATLAB	3
ECON 102	Principles of Macroeconomics	3
Total		18

5th Semester		
Course	Course Title	Credits
ACTU 361	Mathematics of finance (1)	3
MATH 240	Introduction to Linear Algebra	4
MATH 280	Introduction to Real Analysis	4
STAT 328	Statistical Packages	3
FIN 200	Principles of Finance	3
	University Requirement	2
Total		19

6th Semester		
Course	Course Title	Credits
ACTU 362	Actuarial mathematics (1)	3
MATH 380	Stochastic processes	4
STAT 332	Regression Analysis	3
OPER 441	Modeling and Simulation	4
	Elective Course	
Total		

7th Semester		
Course	Course Title	Credits
ACTU 363	Actuarial mathematics lab (1)	1
ACTU 464	Risk theory	3
ACTU 462	Actuarial mathematics (2)	3
STAT 436	Time Series and Forecasting	3
	University Requirement	2
	Elective Course	
Total		

8th Semester		
Course	Course Title	Credits
ACTU 465	Credibility theory	3
ACTU 466	Loss distributions	3
FIN 210	Corporate Finance	3
ACTU 499	Field Training	3
	University Requirement	2
	Elective Course	
Total		