

Mathematics - Actuarial Science Guidesheet 2006-07

COURSE	COURSE TITLE	CREDIT	OFFERED	PREREQUISITE(S)
ACCT 2010	<i>Accounting Principles</i>	3	F/S	
CSIS 1400	<i>Fundamentals of Programming</i>	3	F/S	"C" in MATH 1010 or ACT of 23
CSIS 1410	<i>Object Oriented Programming</i>	3	F/S	CSIS 1400
ECON 2010	<i>Principles of Microeconomics</i>	3	F/S	
ECON 2020	<i>Principles of Macroeconomics</i>	3	F/S	
ECON 4260	<i>Principles of Econometrics</i>	3	S	Instructor's Signature
FIN 3250	<i>Managerial Finance I</i>	3	F/S	Instructor's Signature
FIN 3260	<i>Managerial Finance II</i>	3	F/S	Instructor's Signature
MATH 1050	<i>College Algebra</i>	4	F/S/M	"C" in MATH 1010 or ACT of 23
MATH 1060	<i>Trigonometry</i>	3	F/S/M	"C" in MATH 1010 or ACT of 23
MATH 1210	<i>Calculus I</i>	4	F/S/M	"C" in MATH 1050/60 or pre-college 2-1/2 yrs-Alg/1 yr-Geo/1/2 yr-Trig
MATH 1220	<i>Calculus II</i>	4	F/S	"C" in MATH 1210 or AP Calculus
MATH 1630	<i>Discrete Mathematics</i>	3	F/S	MATH 1050
MATH 2210	<i>Calculus III</i>	4	F/S	"C" in MATH 1220
MATH 2270	<i>Linear Algebra with Applications</i>	3	F/S	MATH 1210 & MATH 1220
MATH 2280	<i>Differential Equations</i>	3	S	MATH 1220 & MATH 2270
MATH 3120	<i>Foundations of Alg & Analysis</i>	3	F/M	MATH 1220 & MATH 1630
MATH 3500	<i>Actuarial Mathematics</i>	3	S - even #yrs	MATH 1210
MATH 3700	<i>Probability & Stats</i>	5	F	MATH 1220
MATH 3770	<i>Mathematical Modeling</i>	3	S - odd #yrs	MATH 3700
MATH 4220	<i>Abstract Algebra</i>	4	S	MATH 3120
MATH 4400	<i>Advanced Calculus I</i>	4	F	MATH 2210, MATH 3120 & MATH 2270 or permission
MATH 4990	<i>Capstone Seminar</i>	3	S	Jr. or Sr. Standing

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