

Mathematics and Economics Double Major at NCSU*
Sample Course List for 4-year program

SEMESTER	COURSE	TITLE	CR-HOURS
FRESHMAN YEAR			
Advanced Placement and Dual Enrollment Credits			
	BIO 181	INTRO BIOLOGY I	4
	BIO 183	INTRO BIOLOGY II	4
	EC 201	PRINCIPLES OF MICROECONOMICS	3
	HI	HISTORY	3
	MA 141	CALCULUS I	4
	MA 241	CALCULUS II	4
	MEA 100	EARTH SYSTEM SCIENCE	4
			26 AP HRS TOTAL
FALL SEMESTER			
	CH 101	CHEMISTRY - MOLECULAR SCIENCE	3
	CH 102	GENERAL CHEMISTRY LAB	1
	PMS 100	COMPUTING ENVIRONMENT	1
	HON 101	HON COLLOQUIUM I	1
	MA 225	FOUND ADVANCE MATH	3
	MA 242	CALCULUS III	4
	MA 444	PROBLEM SOLVING STRAT FOR COMPET	1
			14 HRS TOTAL
SPRING SEMESTER			
	ENG 101	ACADEMIC WRITING RSCH	4
	FLS 201	INTERM SPANISH I	3
	MA 341	APPLIED DIFFERENTIAL EQUATIONS I	3
	MA 407	MODERN ALGEBRA MAJORS	3
		HUMANITIES	3
			16 HRS TOTAL
SUMMER SEMESTER			
	MA 499	INDEPEND RESEARCH MATH	1
		COMPUTER SCIENCE	3
			4 HRS TOTAL
SOPHOMORE YEAR			
FALL SEMESTER			
	EC 205	FUNDAMENTALS OF ECONOMICS	3
	MA 405	LINEAR ALGEBRA & MATRICES	3
	MA 425	MATHEMATICAL ANALYSIS I	3
	MA 499	INDEPEND RESEARCH MATH	1
	PY 205	PHYSICS ENGINEERS & SCIENTISTS I	4
		HUMANITIES	3
			17 HRS TOTAL
SPRING SEMESTER			
	EC 301	INTERMEDIATE MICROECONOMICS	3
	MA 499	INDEPEND RESEARCH MATH	1
	ST 371	INTRO PROBABILITY/ DISTRIBUTION THEORY	3
		MATH ELECTIVE (2)	6
		HUMANITITES	3
			16 HRS TOTAL

JUNIOR YEAR

FALL SEMESTER

EC 302	INTERMED MACROECONOMICS	3
MA 499	INDEPENDENT RESEARCH MATH	1
ST 372	INTRO STATISTICS INFERENCE REGRESSION	3
PE 1**	PHYSICAL EDUCATION	1
PY 208	PHYSICS ENGINEERS AND SCIENTISTS II	4
	FREE ELECTIVE	2
		14 HRS TOTAL

SPRING SEMESTER

EC 348	INTRO INTERNATIONAL ECONOMICS	3
MA 499	INDEPEND RESEARCH MATH	1
EC 431	LABOR ECONOMICS	3
	MATH ELECTIVE (2)	6
		13 HRS TOTAL

SENIOR YEAR

FALL SEMESTER

EC 351	DATA ANALYSIS ECONOMICS	3
EC 410	PUBLIC FINANCE	3
EC 490H	RESEARCH SEMINAR ECONOMICS	3
ECG 505	APP MICROECONOMICS	3
	MATH ELECTIVE	3
		15 HRS TOTAL

SPRING SEMESTER

ACC 200	MANAGERIAL ACCOUNTING	3
BUS 110	MICROCOMPUTER APPLICATIONS MGT	2
EC 451	INTRO ECONOMETRICS	3
EC 471	EVOLUTION AMERICAN ECONOMY	3
ENG 332	COMMUNICATION BUS & MGT	3
PE 2**	PHYSICAL EDUCATION	1
		15 HRS TOTAL

AP & CREDIT HRS (FIRST 4 YEARS) 150 TOTAL HOURS

*Course list for majors as of 2006. Curriculum more recently revised may not be satisfied.

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