

REQUIREMENTS LISTED IN CATALOG MUST BE FULFILLED FOR GRADUATION

FIRST YEAR (FREDONIA)

<u>First Semester</u>				<u>Second Semester</u>			
CHEM	115-125	Gen. Chemistry I w/Lab	4	CHEM	116-126	Gen. Chemistry II w/Lab	4
MATH	122	Univ. Calculus I	4	MATH	123	Univ. Calculus II	4
ENGL	100	English Composition	3	PHYS	230-232	Univ. Physics I w/Lab	5
ECON	201	Princ. of Macroeconom.		ECON	201	Princ. of Macroeconom	
		OR				OR	
ECON	202	Princ. of Microeconom.	<u>3</u>	ECON	202	Princ. of Microeconom	<u>3</u>
			14				16

SECOND YEAR (FREDONIA)

<u>First Semester</u>				<u>Second Semester</u>			
ECON	200	Fndmntls of Statistics for Econ. & Business	3	MATH	224	Differential Equations	3
MATH	223	Univ. Calculus III	4	ECON	310	Intermed. Macroeconom.	3
PHYS	231-233	Univ. Physics II w/Lab	5	ECON	300	Stat. for Econ. & Business	3
ECON	305	Intermed. Microeconom.	<u>3</u>	CSIT	121	Computer Science I *	3
			17	-----	----	CCC ▪	<u>3</u>
							15

(If transcript does not list Economics
 as major, see Director to declare
 Economics)

THIRD YEAR (FREDONIA) ***

<u>First Semester</u>				<u>Second Semester</u>			
PHYS	321	Engineering Statics	3	PHYS	322	Mechanics of Solids	4
PHYS	329	Engineering Dynamics***	3				
ECON	3--/4--	Three Econ. Electives **	6	ECON	3--/4--	Econ. Electives **	6
ECON	450	Senior Seminar	3	-----	----	CCC's ▪	<u>6</u>
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			18				

(See Director for transfer interview)

(See Economics Chair for transfer letter)

FOURTH AND FIFTH YEARS (AFFILIATED INSTITUTION)

Remaining CCC ▪ 3

- Must complete the College Core Curriculum (CCC) either at Fredonia or engineering institution. Upper level is not required for 3-2 students. Also not required for 3-2: second social science course, second speaking intensive course, foreign language if earn 70 or better on Regent's Checkpoint B, and American History category if earn 85 or better on Regent's exam. See the current undergraduate Catalog for details regarding the CCC.
- * For students transferring to Syracuse, additional CSIT courses are required.
- ** Must select courses with the advice of the Economics Department.
- *** Students interested in electrical or computer engineering must take six hours of Circuit Analysis. Circuit Analysis I is required and Circuit Analysis II is recommended for Mechanical Engineering. Electrical, computer and chemical engineers may, in most cases, omit PHYS 322 and 329.

Probability and Statistics I (STAT 350) is required at some affiliated institutions for students interested in Industrial Engineering. Also Linear Algebra (MATH 231) is strongly recommended.

NOTE: By prior approval, students may take equivalent courses at affiliated schools to fulfill Economic courses.