Cooperative 3-2 Program for students majoring in **ECONOMICS** at Fredonia and an appropriate curriculum at an affiliated **engineering** institution.

Eng Economics 2016-2018

REQUIREMENTS LISTED IN CATALOG MUST BE FULFILLED FOR GRADUATION

FIRST YEAR (FREDONIA)	()
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Timor Text (FRESONIA)								
<u>First Semester</u>				Second Semester				
CHEM MATH ENGL ECON	122 100 201	Gen. Chemistry I w/Lab Univ. Calculus I English Composition Princ. of Macroeconom. OR Princ. of Microeconom.	4 4 3	MATH 123	Gen. Chemistry II w/Lab Univ. Calculus II Univ. Physics I w/Lab Princ. of Macroeconom OR Princ. of Microeconom	4 4 5 5		
			14			16		
SECOND YEAR (FREDONIA)								
First Semester				Second Semester				
as maj	223 231-233 305 script does or, see D	Fndmntls of Statistics for Econ. & Business Univ. Calculus III Univ. Physics II w/Lab Intermed. Microeconom. s not list Economics irector to declare	3 4 5 3 17	MATH 224 ECON 310 ECON 300 CSIT 121	Differential Equations Intermed. Macroeconom. Stat. for Econ. & Business Computer Science I * CCC •	3 3 3 3 15		
Economics) THIRD YEAR (FREDONIA) ***								
First Semester				Second Semester				
PHYS PHYS ECON	321 329 3/4	Engineering Statics Engineering Dynamics** Two Econ. Electives ** CCC •	3 * 3 6 <u>3</u> 15	PHYS 322 ECON 450 ECON 3/4	Mechanics of Solids *** Senior Seminar Two Econ. Electives ** CCC's ■	4 3 6 - <u>6</u> 19		

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.

(See Economics Chair for transfer letter)

- * For students transferring to Syracuse, additional CSIT courses are required.
- ** Must select courses with the advice of the Economics Department.

(See Director for transfer interview)

Students interested in electrical or computer engineering must take Circuit Analysis. 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 Electrical or Industrial Engineering. Also Linear Algebra (MATH 231) is strongly recommended.

PHYS 234, Modern Physics, is required at some institutions, particularly Columbia and UB Electrical Engineering (spring semester).

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