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

Eng Sociology 2011-2012

REQUIREMENTS LISTED IN CATALOG MUST BE FULFILLED FOR GRADUATION

FIRST YEAR (FREDONIA)

First Semester				Second Semester			
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
SOC	116	Intro. to Sociology	3	ANTH	115	Intro. Anthropology	3
			14				16

SECOND YEAR (FREDONIA)

First Semester				Second Semester			
MATH	223	Univ. Calculus III	4	MATH	224	Differential Equations	3
PHYS	231-233	Univ. Physics II w/Lab	5	CSIT	121	Computer Science I *	3
SOC	200	Statistics	3	SOC	-----	Two Electives	6
SOC	202	Social Analysis	3	--------	-----	CCC's ▪	6
SOC	-----	Elective	3				18
			18				

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

THIRD YEAR (FREDONIA) ***

First Semester				Second Semester			
SOC	300	Research Methods	3	SOC	380	Soc. Theory	3
SOC	-----	Elective	3	SOC	400	Senior Seminar	3
PHYS	321	Engineering Statics	3	SOC	-----	Two Electives	6
PHYS	329	Engineering Dynamics	3	PHYS	322	Mechanics of Solids	4
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			18				

(See Director for transfer interview) (See Sociology Chair for transfer letter)

FOURTH AND FIFTH YEARS (AFFILIATED INSTITUTION)

▪ 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.

*** 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 (STAT 350) is required at some affiliated institutions for students interested in Industrial Engineering. It may be taken instead of SOC 200 Statistics, during the spring of the second year. Also, Linear Algebra (MATH 231) is strongly recommended.