

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
POLI	150	U.S. and World Affairs	3	PHYS	230-232	Univ. Physics I w/Lab	5
POLI	120	American Politics	<u>3</u>	ENGL	100	English Composition	<u>3</u>
			14				16

SECOND YEAR (FREDONIA)

<u>First Semester</u>				<u>Second Semester</u>			
POLI	200	Statistics	3	POLI	210	Methods	3
MATH	223	Univ. Calculus III	4	POLI	-----	Two 300 Level Pol. Sciences**	6
PHYS	231-233	Univ. Physics II w/Lab	5	MATH	224	Differential Equations	3
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			15				15

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

THIRD YEAR (FREDONIA) +

<u>First Semester</u>				<u>Second Semester</u>			
POLI	-----	Three Political Science Courses at 300 or above (depending on track in major)	9	PHYS	322	Mechanics of Solids+	4
PHYS	321	Engineering Statics	3	POLI	-----	Two Political Science ** Courses at 300 or above	6
PHYS	329	Engineering Dynamics	3	-----	-----	CCC ▪	<u>3</u>
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			18				

(See Director for transfer interview)

(See Political Science Chair for transfer letter)

FOURTH AND FIFTH YEARS (Affiliated Institution)

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- 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.
 - ** See current catalog for specific upper level requirements of the three different tracks in Political Science.
 - + 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. Also Linear Algebra (MATH 231) is strongly recommended.