

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
HIST	100	Freshman Seminar	1	HIST	106	U.S. History II	<u>3</u>
HIST	105	U.S. History I	3				16
-----	-----	CCC	<u>3</u>				
			18				

SECOND YEAR (FREDONIA)

<u>First Semester</u>				<u>Second Semester</u>			
HIST	115	Early Western Civ. OR		HIST	116	Modern Western Civ. OR	
HIST	101	World History I	3	HIST	102	World History II	3
PHYS	231-233	Univ. Physics II w/Lab	5	HIST	3----	Intermed. Course, U.S.	3
MATH	223	Univ. Calculus III	4	MATH	224	Differential Equations	3
HIST	201	Doing History	3	HIST	3----	History Elective	3
-----	-----	CCC ▪	<u>3</u>	CSIT	121	Computer Science I *	<u>3</u>
			18				15

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

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	HIST	3----	History Electives	6
HIST	-----	2 courses from Non-Western	6	HIST	3----	Intermed. Course from	3
HIST	3----	Intermed. Course from	3			Non-Western	
		European History		-----	-----	CCC ▪	<u>3</u>
HIST	495	Capstone Seminar	<u>3</u>				16
			18				

(See Director for transfer interview)

(See History Chair for transfer letter)

FOURTH AND FIFTH YEARS (Affiliated Institution)

Remaining CCC ▪ (if needed)

▪ 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. Linear Algebra (MATH 231) is strongly recommended. Modern Physics (PHYS 234) is required at some of the affiliated schools.

The History course of study listed above is a suggested one. The actual selection of courses can vary within the major requirements outlined in the current Undergraduate Catalog. Two of the required upper division history courses can be 200 level (World Regional courses in Asian, African, Latin American, or Middle Eastern History).