

REQUIREMENTS LISTED IN CATALOG MUST BE FULFILLED FOR GRADUATION

**FIRST YEAR (FREDONIA)**

<u>First Semester</u>				<u>Second Semester</u>			
ECON	201	Principles Macroecon. +	3	ECON	202	Principles Microecon. +	3
MATH	122	Univ. Calculus I	4	MATH	123	Univ. Calculus II	4
ENGL	100	English Composition	3	CSIT	121	Computer Science I	3
-----	-----	CCC's ■	<u>6</u>	PHYS	230-232	Univ. Physics I w/Lab	5
			16	COMM	105	Public Speaking	<u>3</u>
							18

**SECOND YEAR (FREDONIA)**

<u>First Semester</u>				<u>Second Semester</u>			
MATH	223	Univ. Calculus III	4	MATH	224	Differential Equations	3
PHYS	231-233	Univ. Physics II w/Lab	5	PHYS	330	Thermodynamics	3
ACCT	201	Financial Accounting	3	ACCT	202	Managerial Accounting	3
Statistics		(200 level ECON, PSY, SOC, OR STAT 350	<u>3</u>	ENGL	375	Writing for Prof. ++	3
			15	CSIT	105	Visual Basic I	3
				-----	-----	CCC ■ or Elective	<u>3</u>
							18

**SUMMER \*\***

**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	PHYS	324	Circuit Analysis II *	3-4
PHYS	323	Circuit Analysis I	3-4	BUAD	328	Marketing Foundations or	3
BUAD	323	Organizational Behavior	3	MATH	325	Numerical Analysis †	
ECON	300	Statistical Analysis	<u>3</u>	BUAD	320	Managerial Finance	<u>3</u>
			15-16				13-14

**SUMMER \*\***

**FOURTH YEAR (FREDONIA)**

<u>First Semester</u>				<u>Second Semester</u>			
BUAD	310	Legal Envir. of Business	3	MATH	325	Numerical Analysis † or	3
-----	-----	Elective	3-4	BUAD	328	Marketing Foundations	
-----	-----	CCC's ■	<u>9</u>	BUAD	327	Production & Oper. Mngmnt. I or	
			15-16	MATH	359	Probability Modls Operat. Res. or	
				MATH	375	Deter. Modls. Oper. Res.+++	3
				-----	-----	CCC's ■	6
				-----	-----	Elective	<u>3-4</u>
							15-16

- 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.
- \* Or PHYS 325 Electronics and PHYS 327 Electronics Laboratory (4 hrs.).
- \*\* Successful completion of a non-credit appropriate summer industrial work experience is required prior to the senior year. A written report must be submitted for approval, to the Director of Cooperative Programs before the fifth week of the semester following the work experience.
- + Note that either ECON 201 or ECON 202 (not both) will count as one CCC Social Science.
- ++ ENGL 375 may not be offered. Alternatives such as BUAD 235, (speaking intensive) ENGL 270, COMM 335 may be substituted at the discretion of the Director.
- +++ These courses may not all be available in the spring semester. They can be taken in the fall, by shifting CCC's.
- † Offered alternate years.

**NOTE:** Some courses (e.g. MATH 375) have prerequisites (e.g. MATH 210) that may need to be taken as electives. One elective should be speaking intensive to satisfy CCC, unless BUAD 235 has been taken. Time conflicts may require some business and accounting courses to be taken in later years. These can be switched with CCC's. Conversely some, such as BUAD 310 and 327, may be moved earlier. Useful elective courses include MATH 231 Linear Algebra, and PHYS 234 Modern Physics, and BUAD 427 Production and Operations Management II.