

B.S. INDUSTRIAL MANAGEMENT

The State University of New York at Fredonia is committed to doing our part to provide each student a clear path to graduation. This four-year degree plan is a sample map for fulfilling requirements in the major, the College Core Curriculum (CCC), and other supporting courses. The pathway that you take to your degree may differ somewhat from this illustration, depending on where you start and the detours and side trips you may take along the way. If you are committed to completing your degree in four years, we encourage you to consider signing up for the Fredonia in 4 program. For complete information about this degree program, please consult the university catalog at fredonia.smartcatalogiq.com

FIRST YEAR					
Fall Semester			Spring Semester		
Course		Credits	Course		Credits
ECON 201	Principles of Macroeconomics	3	ECON 202	Principles of Microeconomics	3
MATH 122	University Calculus I	4	MATH 123	University Calculus II	4
ENGL 100	English Composition	3	CSIT 121	Computer Science I	3
CCC	American History	3	PHYS 230	University Physics	4
CCC	Humanities	3	PHYS 232	University Physics Lab	1
PHYS 199		1	COMM 105	Public Speaking	3
		TOTAL			TOTAL
		17			18

SECOND YEAR					
Fall Semester			Spring Semester		
Course		Credits	Course		Credits
MATH 223	University Calculus III	4	MATH 224	Differential Equations	3
PHYS 231	University Physics II	4	PHYS 330	Thermodynamics	3
PHYS 233	University Physics II Lab	1	ACCT 202	Managerial Accounting	3
ACCT 201	Financial Accounting	3	ENGL	Writing for Professionals	3
Statistics 200	ECON, PSY, SOC, or STAT 350	3	CSIT 105	Visual Basics I	3
			CCC	Western Civilization	3
		TOTAL			TOTAL
		15			18

THIRD YEAR					
Fall Semester			Spring Semester		
Course		Credits	Course		Credits
PHYS 321	Engineering Statistics	3	PHYS 322	Mechanics of Solids	4
PHYS 329	Engineering Dynamics	3		PHYS Elective	3
PHYS 323	Circuit Analysis	4		BUAD 328 or MATH 325	3
BUAD 323	Organizational Behavior	3	BUAD 320	Managerial Finance	3
ECON 300	Statistical Analysis	3			
		TOTAL			TOTAL
		16			13

FOURTH YEAR					
Fall Semester			Spring Semester		
Course		Credits	Course		Credits
BUAD 310	Legal Environment of Business	3		BUAD 328 or MATH 325	3
	General Elective	3	BUAD 327	Production Operations Management I or	3
CCC	Social Science	3	MATH 359	Probability Models in Operations Research or	
CCC	Foreign Language	3	MATH 375	Deterministic Models in Operation Research	
CCC	World Civilization	3	CCC	Art	3
			CCC	Foreign Language	3
		TOTAL			TOTAL
		15			12
		2016-2017			GRAND TOTAL
					124

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The B.S. Industrial Management

degree is an integrated multidisciplinary curriculum combining courses from physics (25/27 hours), business/economics (24 hours), mathematics/computer science (24 hours), social sciences/humanities (24 hours), and courses in supporting elective subjects that can enhance career objectives. The program provides for early development of written and oral communications skills, and these are used consistently throughout the entire curriculum. In addition, a College approved field experience is required under the supervision of both a faculty and industrial sponsor following the completion of either the sophomore or junior year.

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