

STUDY ABROAD CURRICULUM ASSESSMENT

Manufacturing Engineering

KEY
<i>General Education Requirements</i>
Major Prerequisites (courses done outside of main department)
Major Requirement (core or taught by department)
Major Elective
Cannot be done overseas
** = Year-long sequence that should not/can not be broken up

Sample Curriculum

Students could study abroad for the **full academic year** or **fall or spring semester** at an approved foreign institution with a Manufacturing Engineering program

FRESHMAN YEAR	CREDITS
<i>Fall semester (X credits)</i>	15
CHEM 121 - General Chemistry I	3
CHEM 121L - General Chem Lab I	1
**Engl. 110, College Composition I	3
**Math. 165 Calculus I	4
UNIV 189 - Skills for Acad Success	1
Comp Sci Elect	3
<i>Spring semester (X credits)</i>	16
**Engl. 120 - College Composition II	3
IME 111 - Intro to IME	1
IME 112 - Computer/Software Apps	2
**Math. 166 - Calculus II	4
ME 212 - Fund of Visual Comm	3
ME 221 - Engineering Mechanics I	3
<i>Summer</i>	

Electives must be preapproved by the advisors

Students could study abroad

SOPHOMORE YEAR	CREDITS
<i>Fall semester (X credits)</i>	16
Comm. 110 - Fundamentals of Public Speaking	3
IME 330 - Mfg Processes I	3
Math. 128 - Introduction to Linear Algebra	1
MATH 259 - Multivariate Calculus	3
ME 222 - Engr Mechanics II	3
Science Elect	3
<i>Spring semester (X credits)</i>	17
IME 311 - Work/Station Design	3
IME 440 - Engineering Economy	3
Math. 266 - Differential Equations	3
Phys. 252 - University Physics II	4
Phys. 252L - University Physics II Lab	1
Engineering Elect	3
<i>Summer</i>	

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Electives must be preapproved by the advisors

Students could study abroad

JUNIOR YEAR	CREDITS	
<i>Fall semester (X credits)</i>	17	
IME 380 - CAD/CAM for Mfg	3	
IME 430 - Process Engr	3	
IME 460 - Evaluation of Engr Data	3	
Gen Ed Elect	3	Students could study abroad for the full academic year or fall or spring semester at an approved foreign institution with a Manufacturing Engineering program
Gen Ed Elect	3	
Engineering Elect	3	
Technical Elect	3	
<i>Spring semester (X credits)</i>	16	
IME 431 - Production Engr	3	
IME 461 - Quality Assurance & Cntrl	3	
IME 331 - Engr Materials I	3	
Gen Ed Elect	3	
Technical Elect	3	Electives must be preapproved by the advisors
<i>Summer</i>		Students could study abroad with an internship

SENIOR YEAR	CREDITS	
<i>Fall semester (X credits)</i>	16	
Engr. 402 - Engineering Ethics	1	
IME 432 - Composite Materials Mfg	3	
IME 480 - Production & Inventory Cntrl	3	
IME 482 - Automated Mfg Systems	3	
Gen Ed Elect	3	Electives must be preapproved by the advisors
Technical Elect	3	
<i>Spring semester (X credits)</i>	15	
IME 456 - Program & Project Mgmt	3	
IME 489 - Mfg Engr Capstone	3	Students are required to complete their last 30 credit hours on campus. However, it is possible to petition to take your last credits for your major abroad.
Gen Ed Elect	3	
Gen Ed Elect	3	
Technical Elect	3	
Curriculum Totals	128	

