









University of Idaho Study Abroad Transformative Learning Map

College of Engineering Mechanical Engineering 4-Year Plan

Key

	= Could study abroad
	= Could do national student exchange
	= Course has international focus
	= Could do internships, cooperative education, or research projects
	= Occasionally offered as service-learning course
	= Could do practicums or clinical experiences
---	= Pending information from department
	= Year-long sequence that should not be broken up
()	= May be approved on a case by case basis
	= Cannot be done abroad or on national student exchange





















Find UI Approved International Universities for Your Major

<http://www.webs.uidaho.edu/ipo/abroad/search/subjects.htm>

Find USAC Study Abroad Programs for Your Major

<http://usac.unr.edu/programs/search.aspx>

This Transformative Learning Map (TLM) is intended to be used as an advising tool only, not a contract between the student and the university, and is subject to verification by the student's academic advisor and/or department chair. The TLM is designed to help students plan for transformative learning experiences such as study abroad, national student exchange, service-learning and internships. While a good faith effort has been made to provide accurate and up-to-date information for the TLM, course and degree requirements may change and so it is imperative you meet with your academic advisor to determine what changes, if any, have taken place and plan your experiences accordingly. The TLM is designed under the University of Idaho General Catalog. Please refer to the Catalog for specific requirements and seek the advice of your advisor for questions.

Key	Course Information	Credit	Note	Key	Course Information	Credit	Note
Freshman:							
	FALL				SPRING		
	Engl 102- Coll Writing & Rhetoric	3			Math 175- Analytic Geom. & Calc II	4	
	Math 170- Analytic Geom. & Calc	4		---	Phys 211- Engr Phys I, lecture	3	
	ME 123- Intro to ME Design	3		---	Phys 211- Engr Phys I, lab	1	
	Comm 101- Fund of Pubic Speak	2			Chem 111- Principles of Chem. I	4	
	Core Discovery Part 1	4	Only at UI		Engr 210- Engr Statics	3	
					Core Discovery Part 2	3	Only at UI
	Total	16			Total	18	TOTAL 34
Sophomore:							
	FALL				SPRING		
	Math 310- Ord Differential Equations	3			Math 275- Analytic Geom. & Calc III	3	
	MSE 201- Engr Materials	3	Fall course	---	Phys 213- Engr Phys III, lec	3	Spring course
---	Phys 212- Engr Phys II, lecture	3		---	Phys 213- Engr Phys III, lab	1	Spring course
---	Phys 212- Engr Phys II, lab	1		---	Engr 220- Engr Dynamics	3	
	ME 223- Mechanical Design Analysis	3		---	Engr 240- Intro to Elec Circuits	3	
---	Engr 350- Engr. Mech of Materials	3			ME 301- Computer Aided Engr	3	
	Total	16			Total	16	TOTAL 32
Junior:							
	FALL				SPRING		
(  )	ME 341- Intermediate Mechanics	3	Fall course	(  )	ME 325- Machine Design	3	Spring course

→	ME 313- Dyn Modeling of Engr Systems	3		→	ME 345- Heat Transfer	3	
---	Engr 335- Fluid Mechanics	3		→	ME 330- Exp Methods for Engineers	3	
---	Engr 320- Thermo & Heat Transfe	3		→	Phil 103- Ethics	3	
→	Math 330- Linear Algebra	3		→	Technical Electives*	3	
→	Econ 201, 202, or 272	3-4		→	Technical Electives*	3	
	Total	18-19			Total	18	TOTAL 36-37

Senior:

FALL				SPRING			
■	ME 424- Mechanical Sys Design I	3	Fall course, Only at UI, Year-long sequence course w/ ME 426	■	ME 426- Mechanical Sys Design II	3	Spring course, Only at UI, Year-long sequence course w/ ME 426
■	ME 430- Senior Lab	3	Only at UI	→	CE 411- FE Review	1	
■	ME 435- Thermal Systems Design	3	Only at UI	→	Technical Electives*	3	
→	Engl 317- Technical Writing	3		→	Technical Electives*	3	
→	Technical Electives*	3		→	Core**	3	
→	Core**	3					
	Total	18			Total	13	TOTAL 31

TOTAL CREDITS

133-134

The University of Idaho reserves the right to change, amend or discontinue any articulation agreement or curriculum plan at any time.