Study Abroad Course Advising Guide for the School of Engineering & Applied Science
Use **program search engine** to find detailed program information and apply.

The list of courses below is meant to be used as a guide. *These courses may be offered.* Students should refer to specific program details or the actual course list for the semester they are planning to study abroad for the most up to date course details available on the study abroad website.

Majors should meet with the Study Abroad staff and Academic Advisor your freshman year as you should plan to study abroad spring semester of your sophomore year.

Program	Type/Term	GU Course #	GU Course Title
Gonzaga in Florence	GU Spring semester	ENSC 301	Mechanics of Materials
Gonzaga in Florence	GU Spring semester	ENSC 306	Dynamics
Gonzaga in Florence	GU Spring semester	ENSC 352	Fluid Mechanics
Gonzaga in Florence	GU Spring semester	MATH 260	Ordinary Differential Equations
Gonzaga in Florence	GU Spring semester	MATH 321	Statistics for Experimentalists
Gonzaga in Delft	Faculty Led summer	ENSC 481	Sustainable Cities

Program/Host	Host Course Number	Host Course Name	GU Course Number	GU Course Name	Requires Signature
DIS Denmark		Game Development	CPSC 213	Special Topics	YES
DIS Denmark		Game Development Lab	CPSC 214	Special Topics	YES
Queen Mary University	ECS 417	Fundamentals of Web Tech	CPSC 200	Computer Science Elective	YES
Queen Mary University	ECS 405U	Arts Application Programming	CPSC 211	Algorithm Art	YES
Queen Mary University	ECS 529U	Algorithms and Data Structures	CPSC 223/ CPSC 122	Algorithm/ Abstract Data Structures	YES
Queen Mary University	ECS 522	Graphical User Interface	CPSC 310	Special Topics	YES
St. Louis University	ECE 2205	Digital Design and Lab	CPEN 203/L	Intro to Digital Logic/Lab	YES
St. Louis University	ECE 3217	Computer Architecture and Organization	CPEN 231/L	Microcomputer Architecture and Assembly Programming	YES
St. Louis University	CSCI 3710	Data Bases	CPSC 321	Data Base Management systems	YES
St. Louis University	ECE 2101/2, 3,4	Electric Circuits 1 and Lab	EENG 201/L	Circuit Analysis	YES
St. Louis University	ECE 2102/3	Electric Circuits 2	EENG 202	Circuit Analysis II	YES
St. Louis University	ESCI 2150	Dynamics	ENSC 306	Dynamics	YES
St. Louis University	MATH 2530	Calculus 3	MATH 259	Calculus 3	YES
University of Auckland	CIVIL 211	Structures and Design 1	CENG 301	Structural Analysis	YES
University of Auckland	CIVIL 250	Civil Engineering and Design	CENG 302L	Construction of Materials Lab	YES

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University of Auckland	ENVENG 244	Environmental Engineering 1	CENG 303	Environmental Engineering	YES
University of Auckland	CIVIL 361	Transportation Engineering 2	CENG 313	Transportation Engineering 1	YES
University of Auckland	CIVIL 360	Transportation Engineering 1	CENG 318 or 418		NO
University of Auckland	CIVIL 221	Geomechanics 1	CENG 331/331L	Soil Mechanics (and lab)	YES
University of Auckland	CIVIL 331	Hydraulic Engineering & Lab	CENG 352 + L	Hydraulic Engineering + Lab	YES
University of Auckland	ENGGEN 403	Managing a Business	CENG 404	Sustainable Systems and Design	YES
University of Auckland	CIVIL 314	Structural Dynamics	CENG 420	Structural Dynamics	YES
University of Auckland	COMPSCI 130	Software Fundamentals	CPSC 213	200 Level Elective	YES
University of Auckland	ELECTENG 202	Circuits and Systems	EENG 201+L	Electric Circuits I	NO
University of Auckland	ELECTENG 208	Electric Circuit Analysis	EENG 202	Electric Circuits II	NO
University of Auckland	MECHENG 242	Mechanics of Materials	ENSC 301	Mechanics of Materials 1 ** **CIVIL MAJORS ONLY**	NO
University of Auckland	MECHENG 222 (Offered Fall term)	Dynamics	ENSC 306	Dynamics	YES
University of Auckland	CIVIL 230	Fluid Mechanics I	ENSC 352	Fluid Mechanics *Civil Engineering majors ONLY	NO
University of Limerick	CS 416	Cryptography	CPSC 453	Applied Cryptography	YES