

## Study Abroad Course Advising Guide for Mathematics

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.*

Program	Type/Term	GU Course	GU Course Title
Gonzaga in Florence	GU semester spring only	MATH 260	Ordinary Differential Equations
Gonzaga in Florence	GU semester spring only	MATH 321	Statistics for Experimentalists

Program/Host	Host Course Number	Host Course Name	GU Course Number	GU Course Name	CORE Requirements OR COMMENTS	Requires Signature
Akita University	MAT 245	Poetry of Programming	MATH 103	Excursions in Mathematics	Mathematics	NO
Queen Mary University	MTH 4100	Calculus I	MATH 148	Survey of Calculus	Mathematics	NO
Queen Mary University	MTH 4100	Calculus I	MATH 157	Calculus and Analytic Geometry I	Mathematics	NO
Queen Mary University	ECS 407U	Logic and Discrete Structures	MATH 231	Discrete Structures		YES
Queen Mary University	MTH 4107	Introduction to Probability	MATH 321	Statistics for Experimentalists		YES
Queen Mary University	MTH 5112	Linear Algebra I	MATH 339	Linear Algebra		YES
St. Louis University	MATH 1200	College Algebra	MATH 100	College Algebra		YES
St. Louis University	MATH 1400	Pre-Calculus	MATH 147	Pre-Calculus	Mathematics	NO
St. Louis University	MATH 1320	Survey of Calculus	MATH 148	Survey of Calculus	Mathematics	NO
St. Louis University	MATH 1520	Calculus II	MATH 258	Calculus--Analytic Geometry II		YES
St. Louis University	MATH 3550	Differential Equations I	MATH 260	Ordinary Differential Equations		YES
St. Louis University	MATH 3850	Foundations of Statistics	MATH 321	Statistics for Experimentalists		YES
St. Louis University	MATH 3110	Linear Algebra for Engineers	MATH 339	Linear Algebra		YES
University of Auckland	STATS 101	Introduction to Statistics	MATH 121	Introductory Statistics	Mathematics	NO
University of Auckland	MATHS 253	Advancing Mathematics	MATH 259	Calculus and Analytic Geometry III		YES
University of Auckland	MATHS 260	Differential Equations	MATH 260	Ordinary Differential Equations		YES
University of Auckland	MATHS 315	Mathematical Logic	MATH 301	Fundamentals of Math		YES
University of Auckland	STATS 210	Statistical Theory	MATH 321	Statistics for Experimentalists		YES
University of Auckland	MATHS 270	Numerical Computation	MATH 350	Numerical Analysis		YES
University of Auckland	MATHS 328	Algebra and Applications	MATH 362	Selected Topics in Math		YES
University of Auckland	MATHS 361	Partial Differential Equations	MATH 454	Partial Differential Equations		NO

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University of Glasgow	STATS 1002	Statistics 1Y: Probability and Statistical Methods	MATH 121	Introductory Statistics	Mathematics	NO
University of Glasgow	MATHS 1001	Mathematics 1R	MATH 148	Survey of Calculus	Mathematics	NO
University of Glasgow	MATHS 1004	Mathematics 1X	MATH 148	Survey of Calculus	Mathematics	NO
University of Glasgow	MATHS 2005	Applied Mathematics	MATH 300	300 Level Math Elective		YES
University of Glasgow	MATHS 4077	Metric Space and Basic Topology	MATH 457	Topology Math		YES
University of Limerick	MT 461S	Probability	MATH 421	Probability Theory		YES
University of Limerick	MT 341P	Rings & Fields 1	MATH 437	Abstract Algebra		YES