

Modules the UCD Maths Support Centre can help you with.

The following is a list of modules for which the Maths Support Centre has received three or more visits in the past three years.

Modules delivered by the School of Mathematics & Statistics

Module	Long Title
ACM10100	Differential & Difference Equations: Applications to Econ & Fin
ACM10060	Applications of Differential Equations
ACM10070	Mathematical Modelling in the Sciences
ACM10080	Applied Maths: Mechanics and Methods
ACM10090	Climate Change: Causes & Consequences
ACM20030	Computational Science
ACM20050	Classical Mech. & Special Relativity
ACM20060	Oscillations in Mechanical Systems
ACM20150	Vector Integral & Differential Calculus
MATH00010	Introduction to Mathematics
MATH00030	Access to Science Engineering and Agriculture - Mathematics I
MATH00040	Access to Science Engineering and Agriculture - Mathematics 2
MATH10030	Mathematics for Business
MATH10040	Numbers & Functions
MATH10120	Linear Algebra with Applications to Economics
MATH10130	Introduction to Analysis for Economics and Finance
MATH10140	Advanced Calculus for Economics and Finance
MATH10200	Matrix Algebra
MATH10210	Foundations of Mathematics for Computer Science I
MATH10220	Foundations of Mathematics for Computer Science II
MATH10230	Mathematics for Agriculture I
MATH10240	Mathematics for Agriculture II
MATH10250	Introduction to Calculus for Engineers
MATH10260	Linear Algebra for Engineers
MATH10290	Linear Algebra for Science
MATH10310	Calculus for Science
MATH10320	Mathematical Analysis
MATH10340	Linear Algebra in the Mathematical and Physical Sciences
MATH10350	Calculus in the Mathematical and Physical Sciences
MATH10390	Linear Algebra (online)
MATH10400	Calculus (online)
MATH20030	Linear Algebra 2 for the Sciences
MATH20060	Calculus of Several Variables
MATH20070	Optimization in Finance
MATH20130	Fundamentals of Actuarial and Financial Mathematics I
MATH20140	Multivariable Calculus for the Sciences
MATH20150	Graphs and Networks
MATH20180	Foundations for Financial Mathematics
MATH20210	Fundamentals of Actuarial and Financial Mathematics II
MATH20260	The Mathematics of Google

MATH20270 Theory of Games
 MATH20290 Multivariable Calculus for Engineers
 MATH20300 Linear Algebra 2 for the Mathematical Sciences
 MATH20310 Groups, Rings and Fields
 MATH20320 Quantitative Methods in Business
 MATH20330 Optimization for Economics

 MST00050 Mathematics: An introduction
 MST10010 Calculus I
 MST10020 Calculus II
 MST10030 Linear Algebra I
 MST10040 Combinatorics & Number Theory
 MST20010 Algebraic Structures
 MST20040 Analysis
 MST20050 Linear Algebra II
 MST20070 Multivariable Calculus with Applications

 STAT10010 Research Methods for the Social Science Business & Humanities
 STAT10050 Practical Statistics
 STAT10060 Statistical Modeling
 STAT10140 Research Methods for Science
 STAT10430 Statistics with Python
 STAT20060 Statistics & Probability
 STAT20070 Data Modeling for Science
 STAT20100 Inferential Statistics
 STAT20110 Probability Theory
 STAT20120 Statistics & Probability for Economics & Finance
 STAT20130 Statistics & Probability
 STAT20150 Fundamental Concepts in Actuarial Science
 STAT20180 Bayesian Analysis

Modules delivered by other schools in UCD

ACC10040 Financial Accounting 1
 ACC10060 Accountancy for non-Business students
 ACC20010 Financial Accounting 2

 BMOL20060 Biomolecular Lab Skills 1

 CHEM00020 Introductory Chemistry
 CHEM00020 Introductory Chemistry (Ag)
 CHEM20090 Chemistry for Biology

 CHEN20020 Chemical & Bioprocess Engineering Measurement
 CHEN20030 Chemical Engineering Thermodynamics & Kinetics
 CHEN20060 Transport Phenomena
 CHEN20070 Computers in Chemical & Bioprocess Engineering

COMP10010 Introduction to Programming I
COMP10020 Introduction to Programming II

CVEN10020 Theory & Design of Structures I
CVEN20040 Theory & Design of Structures II
CVEN20110 Soil Mechanics

ECON10010 Principles of Microeconomics
ECON10020 Principles of Macroeconomics
ECON10030 Introduction to Quantitative Economics
ECON10720 Microeconomics for Business
ECON10750 Statistics for Economics
ECON20010 Intermediate Microeconomics I
ECON20020 Intermediate Macroeconomics
ECON20030 Optimisation for Economics
ECON20040 Statistics for Economists
ECON20080 Economic Policy Analysis
ECON20100 Game Theory
ECON20160 Economics of the Environment
ECON20180 Intermediate Microeconomics II

EEEN10010 Electronic & Electrical Engineering I

EEEN20010 Computer Engineering
EEEN20020 Electrical & Electronic Circuits
EEEN20030 Engineering Electromagnetics
EEEN20040 Electronic Circuits
EEEN20090 Electrical Energy Systems

ENVB20050 Principles of Environmental Biology & Ecology

FDSC20020 Nutritional Energy Metabolism
FDSC20030 Basic Food Analysis

FIN20010 Principles of Finance

FOR20100 Applied Biostatistics

MEEN10030 Mechanics for Engineers
MEEN10050 Energy Engineering
MEEN10060 Design & Materials
MEEN20010 Mechanics of Fluids I
MEEN20030 Applied Dynamics I

MIS10090 Data Analysis for Decision Makers
MIS20010 Business Analytics
MIS20080 Introduction to Programming

PHYC10070 Foundations of Physics
PHYC10080 Frontiers of Physics
PHYC10120 Physics for Medicine
PHYC10130 Physics II Medical Science
PHYC10150 Physics for Engineers I
PHYC10160 Physics for Engineers II
PHYC10180 Physics for Ag Science
PHYC10200 Conceptual Physics
PHYC10210 Quanta, particles & Relativity
PHYC20020 Introductory Quantum Mechanics
PHYC20030 Thermal Physics & Materials
PHYC20060 Methods for Physicists
PHYC20080 Field, Waves & Light

POL20050 Analysing Politics

PSY10090 Introduction to Applied Psychology
PSY10100 Research Methods & Stats I
PSY20160 Research Methods & Stats II
PSY20170 Clinical Psychology

RDGY10080 Practice of Radiography: Introduction & Spine Examinations
RDGY20170 Technology of Radiography: Equipment

SCI00020 Intro to Chemistry, Physics & Biology
SCI10010 Principles of Scientific Enquiry

SOC20260 Quantitative Sociology

VET10170 Intro to vet epidemiology