

UCD School of Mathematics and Statistics

DN200 Stage 2->3

Conor Sweeney

February 2025

Our Majors

BSc Applied and Computational Mathematics **A**

BSc Financial Mathematics

F

BSc Mathematics

M

BSc Statistics

S

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Skills

- **Strong Foundation:** Develop a deep understanding of mathematical principles
- **Cutting-Edge Skills:** Strengthen analytic and critical thinking skills
- **Diverse Career Paths:** Open doors to a broad range of exciting careers...

 **accenture** Careers

 **SIG**
SUSQUEHANNA



J.P.Morgan

Google



EY

FINCAD[®]



RTE

BCG

 **ZURICH**

Stage 2

	Autumn	Spring	
	ACM20030 Computational Science MATH20060 Calc. Several Variables STAT20110 Introduction to Probability	STAT20100 Inferential Statistics	A(2/3), F, M, S
F, M: (1/2)	MATH10040 Numbers & Functions	MATH10320 Mathematical Analysis ECON10720 Microeconomics	A, F, M: (1/2) F (1/2)
A(2/3), F, M, S	MATH20300 Linear Algebra 2	ACM20150 Vector Calculus	A, F, M
F(2/3), S	STAT20230 Modern Regression Analysis	ACM20060 Oscillations and Waves	A
A	ACM20050 Classical Mechanics	MATH20310 Groups, Rings & Fields	M
F	FIN20040 Foundations of Finance	STAT20180 Intro Bayesian Analysis	S

Stage 3

	Autumn	Spring	
A(2/3)	MATH20300 Linear Algebra 2 (MathSci)	MATH20310 Groups, Rings and Fields	A(2/3)
A	ACM30130 Advanced Computational Science	STAT20100 Inferential Statistics	A(2/3)
A	ACM30190 Dynamical Systems	ACM30020 Applied Analysis	A
A	ACM30220 Partial Differential Equations	ACM30140 Numerical Methods for PDEs	A
		MATH30040 Complex Analysis	A, M
F(2/3)	STAT20230 Modern Regression Analysis	ACM30110 Advanced Computational Finance	F
F	ACM30080 PDEs in Financial Maths	MATH20210 Fund. Actuarial Mathematics II	F
F	FIN30170 Corporate Financial Management	MATH30380 Financial Maths Foundations	F
F	MATH20130 Fund. Actuarial Mathematics I		
F, M	MATH30090 Metric Spaces		
F, S	STAT30090 Models - Stochastic Models		
M	MATH30030 Advanced Linear Algebra	MATH30120 Topology	M
M	MATH30360 Measure Theory & Integration	MATH30400 Further Groups and Rings	M
S	STAT30010 Time Series Analysis	STAT30250 Advanced Predictive Analytics	S
S	STAT30080 Models - Survival	STAT30270 Statistical Machine Lrng	S
S	STAT30340 Data Programming with R	STAT40080 Nonparametric Statistics	S
S	STAT41020 Survey Sampling		

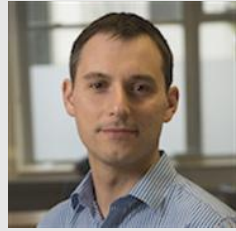
Come meet us in person!

ACM



School of Mathematics and Statistics
Pre-Stage 2 and Pre-Stage 3 Advisory

TP



Thursday 13th February 2025, 13:00
Science Centre East E1.17

FM



MATH



STAT



MathEd

