

Sample Study Plan for MATH

Option with PA w/o FYP or Option with PA & FYP

Plan your studies

YEAR TWO

S1: Calculus III, Probability, Real Analysis I, CC0006, ML0004, CSL

S2: Statistics I, Ordinary Differential Equations, Topology and Manifolds, Introduction to DSAI, CC0007

SPECIAL TERM

Professional Attachment

04

YEAR FOUR

S1: MPE6, MPE7, MPE8

S2: MPE9, BDE6

Final Year Project

Specialisation:

- Computational Mathematics and Modelling
- Cryptography and Cybersecurity
- Data Analytics and Statistical Learning
- Financial Technology with Quantitative Analysis
- Pure Mathematics

YEAR THREE

S1: Communication Across the Sciences, MPE1, MPE2, MPE3, BDE1, BDE2, MLxxxx-ICC PS

S2: MPE4, MPE5, BDE3, BDE4, BDE5

Exchange Immersion

03

02

01

YEAR ONE

S1: Calculus I, Linear Algebra I, Foundations of Mathematics, Introduction to Computational Thinking, CC0003

S2: Calculus II, Linear Algebra II, Discrete Mathematics, Algorithms and Computing, CC0001, CC0015

Sample Study Plan for MATH

Option with PI w/o FYP OR Option with PI & FYP

Plan your studies

YEAR TWO

S1: Calculus III, Probability,
Real Analysis I, CC0006,
ML0004, CSL

S2: Statistics I, Ordinary
Differential Equations,
Topology and Manifolds,
Introduction to DSAI,
CC0007

YEAR ONE

S1: Calculus I, Linear Algebra
I, Foundations of
Mathematics, Introduction
to Computational Thinking,
CC0003

S2: Calculus II, Linear
Algebra II, Discrete
Mathematics, Algorithms
and Computing, CC0001,
CC0015

01

02

03

04

YEAR THREE

S1: Communication Across
the Sciences, MPE1, MPE2
MPE3, BDE1, BDE2, MLxxxx-
ICC PS

S2: MPE4, MPE5, BDE3,
BDE4, BDE5

Exchange Immersion

YEAR FOUR

S1: Professional Internship

S2: MPE6, MPE7, BDE6

Final Year Project

Specialisation:

- Computational Mathematics and Modelling
- Cryptography and Cybersecurity
- Data Analytics and Statistical Learning
- Financial Technology with Quantitative Analysis
- Pure Mathematics