

Sample Study Plan for WSDeg-MATH

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

SPECIAL TERM

Professional Attachment I & II

WINTER

Professional Attachment III

04

YEAR FOUR

S1: WSDeg-FYP, MPE4

S2: WSDeg-FYP, MPE5

03

YEAR THREE

S1: Professional
Internship

S2: MPE1, MPE2, MPE3,
BDE1, BDE2, HW0218,
MLxxxx-ICC PS

01

02

Specialisation:

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