FINANCIAL MATHEMATICS, TESTAMUR MAJOR (T096)

Western Sydney University Major Code: T096

Previous Code: MT3039

Available to students in other Western Sydney University programs?
No

Sophisticated mathematical techniques, such as stochastic calculus, are critical tools in modern finance. Building on the content taught in the Bachelor of Mathematics, this major equips graduates with the required knowledge, as well as with the background that is required to apply this knowledge successfully. In this major, you will learn not only the essential mathematical skills, but you will also take subjects from the School of Business as well as data science subjects that put these skills in context. The combination of theoretical skills and practical applications will give you the extra edge over competitors in the job market.

Location

Campus	Mode	Advice
Campbelltown Campus	Internal	Associate Professor Volker Gebhardt (https://directory.westernsydney.edu.au/search/email/v.gebhardt@westernsydney.edu.au)
Parramatta Campus - Victoria Road	Internal	Associate Professor Volker Gebhardt (https://directory.westernsydney.edu.au/search/email/v.gebhardt@westernsydney.edu.au)
Penrith Campus	Internal	Associate Professor Volker Gebhardt (https://directory.westernsydney.edu.au/search/email/v.gebhardt@westernsydney.edu.au)

Recommended Sequence

Students must successfully complete 80 credit points as per the recommended sequence below.

Full-time start-year intake

Course	Title	Credit Points
Year 1		
Spring session		
ECON 2002	Corporate Financial Management	10
COMP 2025	Introduction to Data Science	10
	Credit Points	**20**
Year 2		
Autumn session		
COMP 1013	Analytics Programming	10
	Credit Points	**10**
Spring session		
ECON 1003	Financial Institutions and Markets	10
	Credit Points	**10**
Year 3		
Autumn session		
ECON 3003	Derivatives	10
FINC 3008	Investment Management	10
	Credit Points	**20**
Spring session		
ECON 3014	International Finance	10
MATH 3014	Financial Mathematics	10
	Credit Points	**20**
	Total Credit Points	**80**

Equivalent Subjects

The subjects listed below count towards completion of this program for students who passed these subjects in 2021 or earlier.

MATH 2009 Introduction to Data Science, replaced by COMP 2025 Introduction to Data Science

MATH 1002 Analytics Programming, replaced by COMP 1013 Analytics Programming

Part-time start-year intake

Course	Title	Credit Points
Year 1		
Spring session		
ECON 2002	Corporate Financial Management	10
	Credit Points	**10**
Year 2		
Spring session		
COMP 2025	Introduction to Data Science	10
	Credit Points	**10**
Year 4		
Autumn session		
COMP 1013	Analytics Programming	10
	Credit Points	**10**
Spring session		
ECON 1003	Financial Institutions and Markets	10
	Credit Points	**10**
Year 5		
Autumn session		
FINC 3008	Investment Management	10
	Credit Points	**10**
Spring session		
MATH 3014	Financial Mathematics	10
	Credit Points	**10**
Year 6		
Autumn session		
ECON 3003	Derivatives	10
	Credit Points	**10**
Spring session		
ECON 3014	International Finance	10
	Credit Points	**10**
	Total Credit Points	**80**

Equivalent Subjects

The subjects listed below count towards completion of this program for students who passed these subjects in 2021 or earlier.

MATH 2009 Introduction to Data Science, replaced by COMP 2025 Introduction to Data Science

MATH 1002 Analytics Programming, replaced by COMP 1013 Analytics Programming

Related Programs

Bachelor of Mathematics (3778) (https://hbook.westernsydney.edu.au/archives/2022-2023/programs/bachelor-mathematics/)