

# DATA ANALYTICS, TESTAMUR MAJOR (T004)

**Western Sydney University Major Code:** T004

**Previous Code:** ST3053.1

**Available to students in other Western Sydney University programs?**  
No

Extracting information from data has become a science in itself, blending skill sets from mathematics, statistics and computing. With a strong applications focus, this major covers the nature of data, how to embark on data driven investigations and visual and computational analytics. Graduates will have the knowledge and skills required to operate effectively in a data driven world.

## Location

Campus	Mode	Advice
Parramatta Campus - Victoria Road	Internal	postgradit@scem.uws.edu.au

## Major Structure

Students studying in the Master of Information and Communications Technology and the Master of Information and Communications Technology (Advanced) must complete 40 credit points as follows.

Subject	Title	Credit Points
Students must complete the following three subjects:		
COMP 7006	Data Science	10
COMP 7023	Predictive Analytics	10
MATH 7016	The Nature of Data	10
Select one of the following:		10
COMP 7016	Visualisation	
COMP 7024	Programming for Data Science	
COMP 7025	Social Media Intelligence	
<b>Total Credit Points</b>		<b>40</b>

Students studying in the Master of Artificial Intelligence must complete the following four subjects.

Subject	Title	Credit Points
COMP 7006	Data Science	10
COMP 7024	Programming for Data Science	10
COMP 7025	Social Media Intelligence	10
MATH 7016	The Nature of Data	10
<b>Total Credit Points</b>		<b>40</b>

## Equivalent Subjects

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

MATH 7011 Predictive Analytics, replaced by COMP 7023 Predictive Analytics

MATH 7014 Social Media Intelligence, replaced by COMP 7025 Social Media Intelligence

## Related Programs

Master of Artificial Intelligence (3765) (<https://hbook.westernsydney.edu.au/archives/2024-2025/programs/master-artificial-intelligence/>)

Master of Information and Communications Technology (3699) (<https://hbook.westernsydney.edu.au/archives/2024-2025/programs/master-information-communications-technology/>)

Master of Information and Communications Technology (Advanced) (3698) (<https://hbook.westernsydney.edu.au/archives/2024-2025/programs/master-information-communications-technology-advanced/>)