

SPACE SCIENCE, TESTAMUR MAJOR

Western Sydney University Major Code: T030

Previous Code: ST3063.1

Available to students in other Western Sydney University

Programs: Yes. Check that your program has the available credit points required to complete the subjects in this field of study. Any requisite requirements must also be met. Consult your Program Advisor for further advice.

Space Science is a fast-growing area in science with a broad range of applications. The Space Science major aims to equip graduates with advanced knowledge and skills in the disciplines of Space Science, Computing and Data Science. This major covers fundamental Space Science, statistical analysis, machine learning, deep learning, Data Science, ICT, Space Law, Astrophysics, as well as various Space Science applications. Students will also learn the basic theories and algorithms that are essential in the design and development of Space Science.

Location

Campus	Mode	Advice
Parramatta Campus - Victoria Road	Internal	CDMS@westernsydney.edu.au
Penrith Campus	Internal	CDMS@westernsydney.edu.au

Major Structure

Students must complete 40 credit points as follows:

Subject	Title	Credit Points
PHYS 7001	A Cosmic Perspective	10
LAWS 7026	International Space Law - Commercial Aspects	10
PHYS 7002	Space Instrumentation, Technology and Communication	10
PHYS 7003	Space Science, Planetary Science and Meteorology	10
Total Credit Points		40

Related Programs

Master of Data Science (3735) (<https://hbook.westernsydney.edu.au/archives/2021-2022/programs/master-data-science/>)

Master of Information and Communications Technology (3699) (<https://hbook.westernsydney.edu.au/archives/2021-2022/programs/master-information-communications-technology/>)

Master of Information and Communications Technology (Advanced) (3698) (<https://hbook.westernsydney.edu.au/archives/2021-2022/programs/master-information-communications-technology-advanced/>)