AGRICULTURE, TESTAMUR MAJOR (T108)

Western Sydney University Major Code: T108

Previous Code: ST3076.1

Available to students in other Western Sydney University Programs: Yes, however the following restrictions apply.

 Students must be enrolled in a postgraduate program. Please ensure your program structure allows space for enrolment in the subjects in this postgraduate major. Students must also meet any pre-requisite requirements. Consult your Program Advisor for further advice.

Increasing the sustainable production of food for a growing population, in an unpredictable and increasingly harsh environment, is a global priority. Agricultural systems that meet these social and environmental goals of sustainable development must be developed to ensure healthy lives. This postgraduate major is designed for science graduates interested in agricultural careers in technological innovation, research and development, agricultural policy and senior management. It is expected that upon completion of the major students will have the cognitive, technical and critical thinking skills to analyse issues and articulate appropriate solutions in the ever-evolving field of agricultural science. A capstone subject involving either a research or professional industry project will allow students to integrate their knowledge and skills developed throughout the program.

Location

Campus	Mode	Advice
Hawkesbury Campus	Internal	Dr Mark Williams (https://directory.westernsydney.edu/search/email/m.williams@westernsydney.edu.au)

Major Structure

Qualification for the award of Master of Science (Agriculture) requires the successful completion of 160 credit points including:

- 20 credit points of core subjects,
- 20 credit points of research capstone subjects,
- 40 credit points of major subjects as follows:

Subject	Title	Credit Points
AGRI 7001	Agricultural Biosecurity	10
AGRI 7002	Agricultural Biotechnology	10
AGRI 7003	Agricultural Technologies	10
AGRI 7004	Livestock Production Systems	10
Total Credit Points		**40**

- and at least 40 credit points from Alternate Pool 1 and up to 40 credit points from Alternate Pool 2.

Students should note that the subjects available in Alternate Pool 1 and Alternate Pool 2 are listed under the Structure tab of the Master of Science (https://hbook.westernsydney.edu.au/archives/2021-2022/programs/master-science/) page.

Recommended Sequence

Master of Science full-time start-year intake

Course	Title	Credit Points
Year 1		
Autumn session		
AGRI 7001	Agricultural Biosecurity	10
AGRI 7004	Livestock Production Systems	10
Select two alternate subjects		20
	Credit Points	**40**
Spring session		
AGRI 7003	Agricultural Technologies	10
AGRI 7002	Agricultural Biotechnology	10
MATH 7016	The Nature of Data	10
Select one alternate subject		10
	Credit Points	**40**
Year 2		
Autumn session		
NATS 7055	Experiment Design and Project Management	10
Select three alternate subjects		30
	Credit Points	**40**
Spring session		
Select 20 credit points from the following subjects:		20
NATS 7033	MSc Research Project	20
HORT 7004	Industry Project	10
HORT 7005	Industry Project (Extended)	10
NATS 7054	Professional Topic	10
NATS 7057	Research Preparation in Post Graduate Studies	10
Select two alternate subjects		20
	Credit Points	**100**
	Total Credit Points	**220**

Master of Science full-time mid-year intake

Course	Title	Credit Points
Year 1		
Spring session		
AGRI 7003	Agricultural Technologies	10
AGRI 7002	Agricultural Biotechnology	10
MATH 7016	The Nature of Data	10
Select one alternate subject		10
	Credit Points	**40**
Autumn session		
AGRI 7001	Agricultural Biosecurity	10
AGRI 7004	Livestock Production Systems	10
NATS 7055	Experiment Design and Project Management	10
Select one alternate subject		10
	Credit Points	**40**
Year 2		
Spring session		
Select 20 credit points from the following subjects:		20
NATS 7033	MSc Research Project	20
HORT 7004	Industry Project	10

HORT 7005	Industry Project (Extended)	10
NATS 7054	Professional Topic	10
NATS 7057	Research Preparation in Post Graduate Studies	10
Select two alternate subjects		20
	Credit Points	**100**
Autumn session		
Select four alternate subjects		40
	Credit Points	**40**
	Total Credit Points	**220**

Major in other programs: full-time start-year intake

Students undertaking the major as part of a postgraduate program other than the Master of Science must complete 40 credit points of major subjects as follows.

Course	Title	Credit Points
Year 1		
Autumn session		
AGRI 7001	Agricultural Biosecurity	10
AGRI 7004	Livestock Production Systems	10
	Credit Points	**20**
Spring session		
AGRI 7003	Agricultural Technologies	10
AGRI 7002	Agricultural Biotechnology	10
	Credit Points	**20**
	Total Credit Points	**40**

Major in other programs: full-time mid-year intake

Students undertaking the major as part of a postgraduate program other than the Master of Science must complete 40 credit points of major subjects as follows.

Course	Title	Credit Points
Year 1		
Spring session		
AGRI 7003	Agricultural Technologies	10
AGRI 7002	Agricultural Biotechnology	10
	Credit Points	**20**
Autumn session		
AGRI 7001	Agricultural Biosecurity	10
AGRI 7004	Livestock Production Systems	10
	Credit Points	**20**
	Total Credit Points	**40**

Equivalent Subject

The subject listed below counts towards completion of this major for students who passed this subject in 2021 or earlier.

ENGR 7018 - Research Preparation in Post Graduate Studies, replaced by NATS 7057 (https://hbook.westernsydney.edu.au/archives/2021-2022/search/?P=NATS%207057) Research Preparation in Post Graduate Studies

Related Programs

Master of Science (3749) (https://hbook.westernsydney.edu.au/archives/2021-2022/programs/master-science/)