AGRIFOOD, TESTAMUR MAJOR (T123)

Western Sydney University Major Code: T123

Previous code: MT3045.1

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

This testamur major is available as an elective major for Bachelor of Medical Science students only.

Opportunities are rapidly emerging for you to lead a new AgriFood future. Immersed in an approach that integrates social, economic and environmental values, students will view plant and animal production from consumer contexts to explore personal and community perceptions about food sustainability. This innovative degree merges topics of agriculture, food and health to empower you to design solutions for international development, community education and the urban-rural interface. The WSU AgriFood major is a hands-on experience, developing confidence and giving graduates an excellent foundation for careers in teaching, research, biotechnology and industry. The flexibility of the major also enables students to combine their interest with other disciplines including animal science, ecology, zoology, innovative foods, heath and business. Throughout study, engagement with industry and community will inspire you to take action towards a regenerative and more environmentally sustainable AgriFood future.

Location

Campus	Mode	Advice
Hawkesbury Campus	Internal	Dr Ryan McQuinn
		(R.Mcquinn@westernsyd

Recommended Sequence

All students must complete 60 credit points of study at Level 3 to meet program requirements.

Select the link for your program below to see details of the major

Bachelor of Science

Qualification for the award of Bachelor of Science with a major in AgriFood requires the successful completion of 240 credit points as per the recommended sequence below.

Course	Title	Credit Points
Year 1		Polits
Autumn session		
NATS 1019	Scientific Literacy	10
CHEM 1008	Introductory Chemistry	10
BIOS 1001	Biodiversity	10
AGRI 1011	Introduction to Agrifood	10
	Credit Points	40
Spring session		
PROC 1005	Introduction to Food Science	10
Select one of the following	owing:	10
MATH 1026	Quantitative Thinking	
MATH 1014	Mathematics 1A	
MATH 1003	Biometry	
Select one of the foll	owing:	10

Field Project 1 Animal Production Credit Points Agricultural Technology Agricultural Biosecurity Credit Points	10 10 20 40 10 10 20 40
Animal Production Credit Points Agricultural Technology	10 20 40 10
Animal Production Credit Points Agricultural Technology	10 20 40
Animal Production Credit Points	10 20 40
Animal Production	10
Animal Production	10
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Field Project 1	10
Credit Points	40
	10
	10
•	10
Complex Case Studies in Science	10
orealt i onits	40
	40
Soils and Substrates	10
Science nesedicii Methous	20
Saignes Besserah Mathada	10
Credit Points	40
	10
Cell Biology	
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	Essential Chemistry Cell Biology Credit Points Science Research Methods Soils and Substrates Credit Points Complex Case Studies in Science Plant Production Protected Cropping Technology Credit Points

dner dner of Science (Pathway to Teaching Primary/ Secondary)

Qualification for the Bachelor of Science (Pathway to Teaching Primary/Secondary) with a major in Biology requires the successful completion of 240 credit points as per the recommended sequence below.

Course	Title	Credit Points
Year 1		
Autumn session		
NATS 1019	Scientific Literacy	10
CHEM 1008	Introductory Chemistry	10
BIOS 1001	Biodiversity	10
AGRI 1011	Introduction to Agrifood	10
	Credit Points	40
Spring session		
PROC 1005	Introduction to Food Science	10
Select one of the fo	ollowing:	10
MATH 1026	Quantitative Thinking	
MATH 1014	Mathematics 1A	
MATH 1003	Biometry	
Select one of the following:		10
CHEM 1012	Essential Chemistry	
BIOS 1012	Cell Biology	
Select one elective		10
	Credit Points	40

	Total Credit Points	240
	Credit Points	40
Select two electives		20
BIOS 3036	Agricultural Biosecurity	10
AGRI 3009	Agricultural Technology	10
Spring session		
	Credit Points	40
Select two electives		20
AGRI 3005	Animal Production	10
NATS 3015	Field Project 1	10
Autumn session		
Year 3		
	Credit Points	40
Select one elective		10
HORT 3002	Protected Cropping Technology	10
HORT 2003	Plant Production	10
NATS 3044	Complex Case Studies in Science	10
Spring session	orealt rollits	40
LAITI 2004	Credit Points	40
EART 2004	Soils and Substrates	10
Select two electives	Science nesearch Methods	20
NATS 2042	Science Research Methods	10
Autumn session		
Year 2		

In addition, all students must complete the mandatory 40 credit point minor in Education Studies.

Education Studies, Minor (https://hbook.westernsydney.edu.au/archives/2021-2022/majors-minors/education-studies-minor/)

Students must meet this requirement by choosing the subjects from the minor in Education Studies as electives within their Bachelor of Science program.

Bachelor of Advanced Science

Qualification for the award of Bachelor of Advanced Science with a major in AgriFood requires the successful completion of 240 credit points as per the recommended sequence below.

Course	Title	Credit Points
Year 1		
Autumn session		
NATS 1019	Scientific Literacy	10
CHEM 1008	Introductory Chemistry	10
BIOS 1001	Biodiversity	10
AGRI 1011	Introduction to Agrifood	10
	Credit Points	40
Spring session		
PROC 1005	Introduction to Food Science	10
Select one of the fo	llowing:	10
MATH 1026	Quantitative Thinking	
MATH 1014	Mathematics 1A	
MATH 1003	Biometry	
Select one of the following:		10
CHEM 1012	Essential Chemistry	
BIOS 1012	Cell Biology	

Credit Points Year 2 Autumn session NATS 2042 Science Research Methods NATS 2001 Advanced Science Project A EART 2004 Soils and Substrates Select one elective Credit Points Spring session NATS 3044 Complex Case Studies in Science HORT 2003 Plant Production HORT 3002 Protected Cropping Technology NATS 2002 Advanced Science Project B Credit Points Year 3 Autumn session NATS 3015 Field Project 1 AGRI 3005 Animal Production NATS 3043 Advanced Science Research Project C Select one elective Credit Points Spring session AGRI 3009 Agricultural Technology BIOS 3036 Agricultural Biosecurity NATS 3043 Advanced Science Research Project C Select one elective Credit Points Total Credit Points	Select one elective		10
Autumn session NATS 2042 Science Research Methods NATS 2001 Advanced Science Project A EART 2004 Soils and Substrates Select one elective Credit Points Spring session NATS 3044 Complex Case Studies in Science HORT 2003 Plant Production HORT 3002 Protected Cropping Technology NATS 2002 Advanced Science Project B Credit Points Year 3 Autumn session NATS 3015 Field Project 1 AGRI 3005 Animal Production NATS 3043 Advanced Science Research Project C Select one elective Credit Points Spring session AGRI 3009 Agricultural Technology BIOS 3036 Agricultural Biosecurity NATS 3043 Advanced Science Research Project C Select one elective Credit Points		Credit Points	40
NATS 2042 Science Research Methods NATS 2001 Advanced Science Project A EART 2004 Soils and Substrates Select one elective Credit Points Spring session NATS 3044 Complex Case Studies in Science HORT 2003 Plant Production HORT 3002 Protected Cropping Technology NATS 2002 Advanced Science Project B Credit Points Year 3 Autumn session NATS 3015 Field Project 1 AGRI 3005 Animal Production NATS 3043 Advanced Science Research Project C Select one elective Credit Points Spring session AGRI 3009 Agricultural Technology BIOS 3036 Agricultural Biosecurity NATS 3043 Advanced Science Research Project C Select one elective Credit Points	Year 2		
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Select one elective Credit Points Spring session NATS 3044 Complex Case Studies in Science HORT 2003 Plant Production HORT 3002 Protected Cropping Technology NATS 2002 Advanced Science Project B Credit Points Year 3 Autumn session NATS 3015 Field Project 1 AGRI 3005 Animal Production NATS 3043 Advanced Science Research Project C Select one elective Credit Points Spring session AGRI 3009 Agricultural Technology BIOS 3036 Agricultural Biosecurity NATS 3043 Advanced Science Research Project C Select one elective Credit Points	NATS 2001	Advanced Science Project A	10
Credit Points Spring session NATS 3044 Complex Case Studies in Science HORT 2003 Plant Production HORT 3002 Protected Cropping Technology NATS 2002 Advanced Science Project B Credit Points Year 3 Autumn session NATS 3015 Field Project 1 AGRI 3005 Animal Production NATS 3043 Advanced Science Research Project C Select one elective Credit Points Spring session AGRI 3009 Agricultural Technology BIOS 3036 Agricultural Biosecurity NATS 3043 Advanced Science Research Project C Select one elective Credit Points	EART 2004	Soils and Substrates	10
Spring session NATS 3044 Complex Case Studies in Science HORT 2003 Plant Production HORT 3002 Protected Cropping Technology NATS 2002 Advanced Science Project B Credit Points Year 3 Autumn session NATS 3015 Field Project 1 AGRI 3005 Animal Production NATS 3043 Advanced Science Research Project C Select one elective Credit Points Spring session AGRI 3009 Agricultural Technology BIOS 3036 Agricultural Biosecurity NATS 3043 Advanced Science Research Project C Select one elective Credit Points	Select one elective		10
NATS 3044 Complex Case Studies in Science HORT 2003 Plant Production HORT 3002 Protected Cropping Technology NATS 2002 Advanced Science Project B Credit Points Year 3 Autumn session NATS 3015 Field Project 1 AGRI 3005 Animal Production NATS 3043 Advanced Science Research Project C Select one elective Credit Points Spring session AGRI 3009 Agricultural Technology BIOS 3036 Agricultural Biosecurity NATS 3043 Advanced Science Research Project C Select one elective Credit Points		Credit Points	40
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NATS 2002 Advanced Science Project B Credit Points Year 3 Autumn session NATS 3015 Field Project 1 AGRI 3005 Animal Production NATS 3043 Advanced Science Research Project C Select one elective Credit Points Spring session AGRI 3009 Agricultural Technology BIOS 3036 Agricultural Biosecurity NATS 3043 Advanced Science Research Project C Select one elective Credit Points	HORT 2003	Plant Production	10
Credit Points Year 3 Autumn session NATS 3015 Field Project 1 AGRI 3005 Animal Production NATS 3043 Advanced Science Research Project C Select one elective Credit Points Spring session AGRI 3009 Agricultural Technology BIOS 3036 Agricultural Biosecurity NATS 3043 Advanced Science Research Project C Select one elective Credit Points	HORT 3002	Protected Cropping Technology	10
Year 3 Autumn session NATS 3015 Field Project 1 AGRI 3005 Animal Production NATS 3043 Advanced Science Research Project C Select one elective Credit Points Spring session AGRI 3009 Agricultural Technology BIOS 3036 Agricultural Biosecurity NATS 3043 Advanced Science Research Project C Select one elective Credit Points	NATS 2002	Advanced Science Project B	10
Autumn session NATS 3015 Field Project 1 AGRI 3005 Animal Production NATS 3043 Advanced Science Research Project C Select one elective Credit Points Spring session AGRI 3009 Agricultural Technology BIOS 3036 Agricultural Biosecurity NATS 3043 Advanced Science Research Project C Select one elective Credit Points		Credit Points	40
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Select one elective Credit Points Spring session AGRI 3009 Agricultural Technology BIOS 3036 Agricultural Biosecurity NATS 3043 Advanced Science Research Project C Select one elective Credit Points	AGRI 3005	Animal Production	10
Credit Points Spring session AGRI 3009 Agricultural Technology BIOS 3036 Agricultural Biosecurity NATS 3043 Advanced Science Research Project C Select one elective Credit Points	NATS 3043	Advanced Science Research Project C	10
Spring session AGRI 3009 Agricultural Technology BIOS 3036 Agricultural Biosecurity NATS 3043 Advanced Science Research Project C Select one elective Credit Points	Select one elective		10
AGRI 3009 Agricultural Technology BIOS 3036 Agricultural Biosecurity NATS 3043 Advanced Science Research Project C Select one elective Credit Points		Credit Points	40
BIOS 3036 Agricultural Biosecurity NATS 3043 Advanced Science Research Project C Select one elective Credit Points	Spring session		
NATS 3043 Advanced Science Research Project C Select one elective Credit Points	AGRI 3009	Agricultural Technology	10
Select one elective Credit Points	BIOS 3036	Agricultural Biosecurity	10
Credit Points	NATS 3043	Advanced Science Research Project C	10
	Select one elective		10
Total Credit Points		Credit Points	40
iotal ofeart i office		Total Credit Points	240

Diploma in Science/Bachelor of Science

Qualification for this award requires the successful completion of 250 credit points which include the units listed in the recommended sequence below.

Course	Title	Credit Points
Year 1		
Year 1: College Subje	ects	
Standard 3-term year	r	
Preparatory subject		
CHEM 0001	Chemistry (WSTC Prep)	10
Eight university-leve	l subjects as follows	
BIOS 1014	Cell Biology (WSTC)	10
CHEM 1006	Essential Chemistry 2 (WSTC)	10
NATS 1020	Scientific Literacy (WSTC)	10
CHEM 1009	Introductory Chemistry (WSTC)	10
BIOS 1003	Biodiversity (WSTC)	10
MATH 1027	Quantitative Thinking (WSTC)	10
BIOS 1023	Introduction to Human Biology (WSTC)	10
PROC 1003	Food Science 1 (WSTC)	10
	Credit Points	90
Year 2		
Autumn session		
NATS 2042	Science Research Methods	10
Select two electives		20

	Total Credit Points	250
	Credit Points	40
Select two electives		20
BIOS 3036	Agricultural Biosecurity	10
AGRI 3009	Agricultural Technology	10
Spring session		
	Credit Points	40
Select two electives		20
AGRI 3005	Animal Production	10
NATS 3015	Field Project 1	10
Autumn session		
Year 3		
	Credit Points	40
Select one elective		10
HORT 3002	Protected Cropping Technology	10
HORT 2003	Plant Production	10
NATS 3044	Complex Case Studies in Science	10
Spring session		
	Credit Points	40
EART 2004	Soils and Substrates	10

Related Programs

Bachelor of Advanced Science (3757) (https://

hbook.westernsydney.edu.au/archives/2021-2022/programs/bacheloradvanced-science/)

Bachelor of Medical Science (3755) (https://

hbook.westernsydney.edu.au/archives/2021-2022/programs/bachelor-medical-science/)

Bachelor of Science (3754) (https://hbook.westernsydney.edu.au/archives/2021-2022/programs/bachelor-science/)

Bachelor of Science (Pathway to Teaching Primary/Secondary) (3756) (https://hbook.westernsydney.edu.au/archives/2021-2022/programs/bachelor-science-pathway-teaching-primary-secondary/)

Bachelor of Science/Bachelor of Arts (3763) (https://

hbook.westernsydney.edu.au/archives/2021-2022/programs/bachelor-science-bachelor-arts/)

Bachelor of Science/Bachelor of Business (4748) (https://

hbook.westernsydney.edu.au/archives/2021-2022/programs/bachelor-science-bachelor-business/)

Bachelor of Science/Bachelor of Laws (2743) (https://

hbook.westernsydney.edu.au/archives/2021-2022/programs/bachelor-science-bachelor-laws/)

Diploma in Science/Bachelor of Medical Science (6042) (https://

hbook.westernsydney.edu.au/archives/2021-2022/programs/diplomascience-bachelor-medical-science/)

Diploma in Science/Bachelor of Science (6043) (https://

hbook.we stern sydney.edu. au/archives/2021-2022/programs/diplomascience-bachelor-science/)