M1311 Master of Food Security

Academic Chair: Kirsty Bayliss (K.Bayliss@murdoch.edu.au) **Start Date:** Semester 1 2027

Deputy Chair: Nik Radevski

	Semester 1 Units	CP	Semester 2 Units	CP
Year 1 2027	BIO688 Challenges in Food Security (core)	6	Specified electives	9
	ENV554 Sustainable Land and Water Management (core)	3		
	TLC501 Communication Skills (*only for commencing international students*)	3		
	Winter/T2 Units	**CP**	**Summer Units**	**CP**
	BIO639 Global Biosecurity (core)	3		
	Total	15	**Total**	9
Year 2 2028	**Semester 1 Units**	**CP**	**Semester 2 Units**	**CP**
	BIO683 Professional Placement, AND/OR	6	BIO600 Case Study, AND/OR	3
	MMF600 Agricultural and Veterinary Science Research Studies (*only for those progressing to BIO689*), AND/OR	3	BIO683 Professional Placement, OR	6
	Specified electives	3-12	BIO689 Food Security Masters Dissertation	12
			Specified electives as required	3 - 9
	Autumn/Winter Units	**CP**	**Summer Units**	**CP**
	Total	12	**Total**	12

TOTAL CREDIT POINTS 48

Specified Electives	CP
ANS600 Sustainable Food and Fibre Production	3
BIO537 Plant Biosecurity: Detection and Diagnostics	3
BIO601 Biosecurity Plant Pests	3
COD502 Community Development in Indigenous Communities	3
ENV602 Social-Ecological Systems	3
ENV616 Environmental Policy for the 21st Century	3
ENV680 Climate Change Adaptation: Ecosystems and Societies	3
GRD508 Innovation Development	3
SUS512 Sustainability, Ecology and Communities	3
SUS611 Resilient Regions: People and Practice	3
SUS628 Development and Sustainability	6
GOV6131 Public Policy Perspectives	3
TLC501 Communication Skills for Postgraduate Study - for international students in their first semester	3

Final Semester Options	CP
Case Study	**3**
Required unit:	

Notes

BIO600 Agricultural and Veterinary Science Research Studies	3
Professional Placement (Internship)	**6**
Required unit:	
BIO683 Professional Placement	6
Dissertation	**15**
Required units:	
BIO689 Food Security Masters Dissertation	12
MMF600 Advanced Research Methods for Scientists *(taken in third semester)*	3

All students are eligible to take BIO600 in their final semester. BIO600 may also be taken in conjunction with BIO683 in the final semester, or after BIO683 if it is taken earlier (see below).

BIO683 may be taken in the third semester *if GPA prerequisites are met*, followed by BIO600 or BIO689 in the final semester. Contact the Academic Chair for more information.

If you have a GPA that meets the requirement for BIO689 at the end of your first year, you should select MMF600 in your third semester if you wish to progress to BIO689.

All students should aim to complete the core units in their first year.

All international students are encouraged to select TLC501 in their first semester.

Please note: This course plan is a sample only and must be read in conjunction with the full course structure, unit prerequisites and enrolment options as outlined in the Handbook. Students should note that due to unit prerequisites, commencing study in Semester 2 may extend the duration of the course. This information is correct as at 29/10/26.