



3972 Science (Advanced) Major in MICROBIOLOGY

For students who commenced in 2012

PLEASE NOTE: Plans/majors are under constant review. They are subject to the process of the university and may change over the years depending on course availability, etc. For up to date info please email BABStudent@unsw.edu.au
CRICOS Provider Code 00098G

Updated April 2016

MAJOR	Advanced Sci Core	Science Elective	Free Elective	General Education
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Please Note: Science Electives and Free Electives may be used to complete a double major.

CORE ADVANCED SCIENCE PROGRAM (144 UOC)

STAGE 1 (must have at least 24 UOC Level 1 Science Courses)

SCIF1121 Adv Sci: PPP (S1) or SCIF1131 Science:TPP (S2) 6UOC	BABS1201 Mol, Cells & Genes S1 6UOC	BIOS1101 Evol. & Funct. Biol S2 6UOC	CHEM1011 or CHEM1031 Chem 1A S1/S2(1011) S1 (1031) 6UOC	CHEM1021 or CHEM1041 Chem 1B S2/U1 (1021) S2 (1041) 6UOC	MATH1031 or MATH1041 or MATH1131 or MATH1141 6UOC
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STAGE 2

MICR2011 Microbiology 1 S1 6UOC	BIOC2101 Principles of Biochem. Adv S1 6UOC	BIOC2201 Princ. of Mol. Biol Adv S2 6UOC	6 UOC from: BABS2011 Current Trends in Biotech (S2) BABS2202 Mol Cell Biol 1 (S2) BIOS2621 Genetics Adv (S2) (all 6UOC each)
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STAGE 3 (must have at least 30 UOC Level 3 Science Courses)

24 UOC (four courses) from:
BABS3041 Immunology 1 (S1) **BABS3081** Bacteria and Disease (S1) **MICR3071** Environmental Microbiology (S1)
BABS3021/MICR3621 Microbial Genetics/Adv (S1) **BABS3061** Medical Biotech (S2)
BIOT3081 Environmental Biotech (S2) **MICR3061** Viruses and Disease (S2)

Science Electives (can be completed at any stage if prerequisite requirements are fulfilled)

Science elective *Level 3 course* 6UOC	Science elective *Level 3 course* 6UOC
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Note: in selecting electives, students may wish to specialise in a "stream". Some recommended elective choices for these streams are listed below:

Medical Stream: BABS3081, MICR3061 and (12 UoC from BABS3041, BABS3021/MICR3621, BABS3091, MICR3061)
Environmental Stream: MICR3071, BABS3021/MICR3621 and (12 UoC from BABS3041, BABS3081, BIOT3081, MICR3061)

STAGE 4

MICROBIOLOGY HONOURS
48 UOC (taken over two sessions each consisting of 24 UOC)

FREE ELECTIVES & GENERAL EDUCATION (48 UOC)

(can be completed at any stage if prerequisite requirements are fulfilled)

Free elective 6UOC	Free elective 6UOC	Free elective 6UOC
Free elective 6UOC	Free elective 6UOC	Free elective 6UOC
General Education 6UOC	General Education 6UOC	

Honours note:

Students must achieve an average overall WAM of 65 or higher and an average of 65 or higher in third-level Science courses to be eligible for Honours in the School of BABS. Students who are ineligible to progress to Honours, will be required to transfer to the Bachelor of Science program (3970) and graduate with the Bachelor of Science award at pass level.

Please direct any queries to the BSB (BABS/SOMS/BEES) Student Office:
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Email: BABStudent@unsw.edu.au Phone: 9385 8047