

TABLE A

Major Plans for the Bachelor of Science (3970) program and Combined BSc Programs

Major Contacts	Stage 1	Stage 2	Stage 3
Anatomy Dr D Curnoe	BIOS1101, BABS1201	ANAT2111 Plus 12 uoc from: ANAT2241, ANAT2341, ANAT2601, ANAT2611	18 uoc from: ANAT3121, ANAT3131, ANAT3141, ANAT3231, ANAT3411, ANAT3421 Plus 6 uoc from: i) Level III Anatomy not already taken, ii) Level III Biochemistry, Biological Science, Microbiology, Pathology or Physiology
Biochemistry BABS Student Office	BIOS1101, BABS1201 CHEM1011 <i>or</i> CHEM1031 CHEM1021 <i>or</i> CHEM1041 Plus at least 6 uoc from: MATH1031, MATH1041	BIOC2101, BIOC2201 Plus 6 uoc from: BIOS2021 <i>or</i> BIOS2621, CHEM2021, CHEM2041, MICR2011	A total of 24 uoc: 12 <i>or</i> 18 uoc from: BIOC3111, BIOC3261, BIOC3271 Plus 0 - 12 uoc from: BIOC3121, BIOC3281 Plus 0 <i>or</i> 6 uoc from: ANAT3231, BIOT3061, CHEM3021, CHEM3041, MICR3041, PHPH3211, PHPH3221
Biological Science BEES Student Office	BABS1201, BIOS1101, CHEM1011, MATH1041 Also recommended: BIOS1301	BIOS2011, BIOS2021 <i>or</i> BIOS2621, BEES2041 Plus 6 uoc from: BIOS2031, BIOS2051, BIOS2061	24 uoc from Level III Biological Science courses.
Biotechnology BABS Student Office	BABS1201, CHEM1011, CHEM1021, MATH1031, MATH1041, BIOS1101 <i>or</i> BIOT1011	BIOC2101, BIOC2201, MICR2201 Also recommended: BIOS2021 <i>or</i>	A total of 24 uoc: BIOT3011, BIOT3021, Plus 6-12 uoc from: BIOT3061, BIOT3081 Plus a further 0-6 uoc from: BIOC3111, BIOC3121, BIOC3271,

BIOS2621,
MICR2011

BIOC3281, MICR3051, MICR3071,
MICR3041 *or* MICR3641,
MICR3021 *or* MICR3621

<p>Chemistry Dr G Edwards</p>	<p>CHEM1011 <i>or</i> CHEM1031, CHEM1021 <i>or</i> CHEM1041, 12 uoc from Level I Mathematics, 6 uoc from Level I Physics</p>	<p>18 uoc from: CHEM2011, CHEM2021, CHEM2031 <i>or</i> CHEM2839, CHEM2041 Plus a further 6 uoc from Level II/III Chemistry (taken in either Stage 2 <i>or</i> Stage 3)</p>	<p>18 uoc from Level III Chemistry of which 12 uoc must be from: CHEM3011, CHEM3021, CHEM3031, CHEM3041</p>
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<p>Ecology BEES Student Office</p>	<p>BIOS1101, BABS1201, GEOS1701, MATH1041 Also recommended: BIOS1301</p>	<p>BEES2041, BIOS2011 Plus 6 uoc from: BIOS2031, BIOS2051, BIOS2061, GEOS2071, GEOS2711, GEOS2821</p>	<p>24 uoc from: BIOS3011, BIOS3061, BIOS3071, BIOS3081, BIOS3111, BIOS3601, BIOS3161, GEOS3761, GEOS3911</p>
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<p>Environmental Earth Science BEES Student Office</p>	<p>GEOS1701, BIOS1101, GEOS1111, GEOS1211 Also recommended: BIOS1301</p>	<p>BEES2041, GEOS2721 Plus 6 uoc from Level II GEOS courses</p>	<p>GEOS3911, GEOS3281 Plus 12 uoc from Level III GEOS courses</p>
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<p>Food Science and Nutrition Prof G Fleet</p>	<p>BABS1201, CHEM1011, CHEM1021, FOOD1120, FOOD1130, MATH1041 Also recommended: MATH1031, PHYS1111</p>	<p>BIOC2181, FOOD2320, FOOD3220 Also recommended: BIOC2291, CHEM2921, FOOD1230, MICR2201, PHPH2101, PHPH2201</p>	<p>FOOD1370, FOOD3440 Plus 12 uoc from: FOOD1390, FOOD2330, FOOD2340, FOOD2350 Also recommended: CHEM3811</p>
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<p>Genetics BABS Student Office</p>	<p>BIOS1101, BABS1201, CHEM1011 <i>or</i> CHEM1031, CHEM1021 <i>or</i> CHEM1041, MATH1031, MATH1041</p>	<p>BIOS2021 <i>or</i> BIOS2621 Plus 12 uoc from: BIOC2101, BIOC2201, BEES2041*, MICR2011 * BEES2041 <i>or</i> an approved COMP <i>or</i> MATH course</p>	<p>A total of 24 uoc: BIOC3151, BIOC3291 Plus 6 or 12 uoc from: BIOC3121, MICR3021 Plus 0 or 6 uoc from: BIOS3071, BIOT3061</p>
<p>Geography BEES Student Office</p>	<p>GEOS1601, GEOS1701, BIOS1301 SLSP1001 <i>or</i> MATH1041</p>	<p>BEES2041 <i>or</i> SLSP2001 Plus 18 uoc from Level II GEOS courses</p>	<p>GEOS3911 Plus 18 uoc from Level III GEOS courses and GEOS4721</p>
<p>Geology BEES Student Office</p>	<p>GEOS1111, GEOS1211</p>	<p>BEES2041, GEOS2171, GEOS2181 Plus 6 uoc from: GEOS2071, GEOS2291, GEOS2721</p>	<p>GEOS3131, GEOS3141 Plus 12 uoc from Level III GEOS courses</p>
<p>History and Philosophy of Science Dr A Corones</p>	<p>Up to 12 uoc from: HPSC1100, HPSC1200, HPSC1400, HPSC1500</p>	<p>24 uoc from Level II History and Philosophy of Science, including at least 12 uoc from: HPSC2100, HPSC2150, HPSC2200, HPSC2300, HPSC2400, HPSC2500, HPSC2550</p>	<p>18 uoc from Level III History and Philosophy of Science</p>

Marine Science (Marine Biology) BEES Student Office	BIOS1101, BABS1201, MATH1041	BEES2041, MICR2201, BIOS2031, MSCI2001	BIOS3081, BIOS3091 Plus 12 uoc from: MSCI3001, MSCI3201, MICR3071
Marine Science (Marine Geology) BEES Student Office	GEOS1111, GEOS1211, MATH1041	BEES2041, GEOS2101, GEOS2181, MSCI2001	MSCI3201, MSCI3001, GEOS3731 Plus 6 uoc from: GEOS3141, GEOS3281
Marine Science (Physical Oceanography) School of Mathematics	MATH1131 <i>or</i> MATH1141, MATH1231 <i>or</i> MATH1241, PHYS1121 <i>or</i> PHYS1131, PHYS1221 <i>or</i> PHYS1231	MSCI2001, MATH2011, MATH2240, MATH2120, MATH2301	MSCI3001, MATH3121, MATH3241, MATH3261
Materials Science Dr O Standard	MATH1131, MATH1231, PHYS1121, PHYS1221	MATS1172, MATS1262, MATS1002, MATS1112, MATS1142, MATS1282	21 uoc from Level III MATS courses including: MATS1013, MATS1223, MATS2013, MATS3443, MATS4013
Mathematics * (See Note 3 above) School of Mathematics	MATH1131 <i>or</i> MATH1141, MATH1231 <i>or</i> MATH1241 Also highly recommended: MATH1081	MATH2011, MATH2060, MATH2120, MATH2501, MATH2520, MATH2801	18 uoc from Level III Mathematics

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Medical Microbiology and Immunology

BABS Student Office

CHEM1011,
CHEM1021, BIOS1101,
BABS1201

Plus 6 uoc from:
MATH1031,
MATH1041

MICR2201,
MICR2011,
Plus 6 uoc
from:
ANAT2111,
ANAT2200,
BIOC2101 *or*
BIOC2181,
BIOC2201,
BEES2041,
BIOS2021 *or*
BIOS2621,
PATH2201,
PHPH2101,
PHPH2201

A total of 24 uoc:
At least 18 uoc from:
MICR3041 *or* MICR3641,
MICR3051, MICR3061, MICR3081
Plus 0 - 6 uoc from:
MICR3021 *or* MICR3621,
PHPH3151 *or* PHPH3551,
MICR3031, BIOC3261, PHPH3121,
BIOC3271, BIOC3291, PATH3205,
PATH3206, PHPH3251

Microbiology BABS Student Office	CHEM1011, CHEM1021, BIOS1101, BABS1201 Plus 6 uoc from: MATH1031, MATH1041	MICR2201, MICR2011 Plus 6 uoc from: BIOS2021 <i>or</i> BIOS2621, BIOC2201	MICR3021 <i>or</i> MICR3621 Plus 12 uoc from: MICR3611, MICR3061, MICR3071, MICR3081 Plus 6 uoc from: MICR3611, MICR3031, MICR3061, MICR3071, MICR3081, BIOS3071 <i>or</i> BIOS3671, BIOT3011 <i>or</i> BIOT3611, BIOT3081, BIOC3121 <i>or</i> BIOC3621, FOOD2480, FOOD2490, CHEM3901
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Molecular Biology

BABS Student Office

BIOS1101, BABS1201,
CHEM1011 *or*
CHEM1031,
CHEM1021 *or*
CHEM1041
Plus 6 uoc from:
MATH1031,
MATH1041

MICR2201,
MICR2011 *or*
MICR2611,
BIOC2101,
BIOC2201,
BIOS2021 *or*
BIOS2621

MICR3021 *or* MICR3621,
BIOC3121 *or* BIOC3621,
BIOC3281
Plus 6 uoc from: BIOT3061,
MICR3011, BIOC3111,
BIOC3171 *or* BIOC3671

Pharmacology Dr. T Binder	6 uoc from Level 1 Biology (BABS1201 preferred) Plus 12 uoc from Level I Chemistry, Plus 6 uoc from Level I Mathematics	PHPH2011 , PHPH2101 , PHPH2201 Plus 6 uoc from: CHEM2021 , CHEM2041 , BIOC2101 <i>or</i> BIOC2181 , BIOC2201 <i>or</i> BIOC2291	PHPH3251 , PHPH3101 Plus 12 uoc from: PHPH3121 , PHPH3131 , PHPH3211 , PHPH3221 , BIOC3261 , BIOC3111 , BIOC3121 , CHEM3021 , CHEM3901
Philosophy Dr M Michael	6 uoc from Level I Philosophy	18 uoc from PHIL2100 and above	24 uoc from Level II/III Philosophy
Physical Oceanography/ Meteorology School of Mathematics	MATH1131 <i>or</i> MATH1141 , MATH1231 <i>or</i> MATH1241 , PHYS1121 <i>or</i> PHYS1131 , PHYS1221 <i>or</i> PHYS1231 , Also highly recommended: MATH1081	MATH2011 , MATH2060 , MATH2120 , MATH2240 , MATH2301 , PHYS2810 Plus 3 uoc from Mathematics or Physics	MATH3121 , MATH3241 , MATH3261
Physics Ms S Hagon A/Prof G Morriss	MATH1131 , MATH1231 , PHYS1121 , PHYS1221	PHYS2050 , PHYS2060 , PHYS2040 , PHYS2030 Plus 12 uoc from Level II or Level III Physics. Also recommended: MATH2011 , MATH2120	18 uoc from Level III Physics.

<p>Physiology Dr L Ulman</p>	<p>6 uoc from Level I Biology (BABS1201 preferred) Plus 6 uoc from Level I Chemistry Plus 6 uoc from Level I Mathematics</p>	<p>PHPH2101, PHPH2201, BIOC2101 and BIOC2201* or BIOC2181 and BIOC2291 * Pre-requisites for BIOC2101 and BIOC2201 are BIOS1101 and BABS1201.</p>	<p>A total of 24 uoc: At least 18 from: PHPH3121, PHPH3131, PHPH3211, PHPH3221 Plus 0 - 6 from: PHPH3101, PHPH3251, BIOC3261, BIOC3271, BIOC3111, BIOC3121, MICR3041, MICR3051, PATH3205, PATH3206, PATH3207 or any Level III Anatomy course.</p>
<p>Psychology Mr T Clulow Dr M Gleitzman</p>	<p>PSYC1001, PSYC1011</p>	<p>PSYC2001 Plus 18 uoc from: PSYC2061, PSYC2071, PSYC2081, PSYC2101.</p>	<p>PSYC3001 Plus 18 uoc from Level III Psychology courses (from at least two elective groups)</p>
<p>Safety Science Dr A Green</p>	<p>SESC1001 Plus 12 uoc from Level I Mathematics.</p>	<p>ANAT2151, MATH2839*, SESC2091, MGMT2721 * MATH2839 or other approved statistics course</p>	<p>SESC3101, SESC3541, SESC3601 Plus additional Level II or III SESC courses to total 42 uoc.</p>
<p>Spatial Information Systems BEES Student Office</p>	<p>GEOS1211, GEOS1701, MATH1041 Also recommended: BIOS1101, BIOS1301</p>	<p>BEES2041, GEOS2811, GEOS2821</p>	<p>GEOS3811, GEOS3821 Plus 12 uoc from Level III GEOS courses</p>
<p>Statistics * School of Mathematics</p>	<p>MATH1131 or MATH1141, MATH1231 or MATH1241, Also highly recommended: MATH1081</p>	<p>MATH2060, MATH2501, MATH2011 or MATH2510, MATH2801, MATH2810, MATH2831</p>	<p>MATH3801, MATH3811, MATH3821</p>

Toxicology A/Prof C Winder	BABS1201, BIOS1101, CHEM1011, CHEM1021, MATH1031, MATH1041, SESC1001	BIOCI2181 <i>or</i> BIOCI2101, BIOCI2291 <i>or</i> BIOCI2201, CHEM2021, SESC2091, PHPH2011 Recommended: BIOS2021, further Level II CHEM, PHPH2101, PHPH2201.	CHEM3901, SESC4820, SESC4850 Recommended: PHPH3251, PHPH3101, SESC3101, BIOCI3261, BIOCI3121, further Level III CHEM
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Vision Science Dr Peter Herse	VISN1211, VISN1231 Also recommended: BABS1201, CHEM1031, CHEM1829, MATH1131, PHYS1121, either BIOS1101 <i>or</i> PSYC1011	24 uoc from: VISN2111, VISN2131, VISN2211, VISN2231, PSYC2071	18 uoc from: VISN3111, VISN3131, VISN3211, PSYC3221
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