

Science

# Bachelor of Science and Business (3925)

2015 Commencing Students

Click on the page number below to navigate to the approved Major sequence



Approved Major	Page
Anatomy	<a href="#">2</a>
Bioinformatics	<a href="#">3</a>
Biology	<a href="#">4</a>
Biotechnology	<a href="#">5</a>
Chemistry	<a href="#">6</a>
Earth Science	<a href="#">7</a>
Ecology	<a href="#">8</a>
Food Science	<a href="#">9</a>
Genetics	<a href="#">10</a>
Geography	<a href="#">11</a>
Marine and Coastal Science	<a href="#">12</a>
Materials Science	<a href="#">13</a>
Mathematics	<a href="#">14</a>
Microbiology	<a href="#">15</a>

Approved Major	Page
Molecular and Cell Biology	<a href="#">16</a>
Neuroscience	<a href="#">17</a>
Pathology	<a href="#">18</a>
Pharmacology	<a href="#">19</a>
Physical Oceanography	<a href="#">20</a>
Physical Science	<a href="#">21</a>
Physiology	<a href="#">22</a>
Psychology	<a href="#">23</a>
Statistics	<a href="#">24</a>
Vision Science	<a href="#">25</a>



BABS1201	BIOS1101	CHEM1011 (S1 and S2) or CHEM1031 (S1)	MATH1041 (S1, S2) or MATH1031 (S1) or MATH1131 (S1, S2) or MATH1141 (S1)	Foundation Business	Foundation Business	Foundation Business	Foundation Business
ANAT2111	ANAT2241	6 UoC from Stage 2 Electives	6 UoC from Stage 2 Electives	Science Elective	Science Elective	Business Elective	Business Elective
6 UoC from Stage 3 Electives	6 UoC from Stage 3 Electives	6 UoC from Stage 3 Electives	6 UoC from Stage 3 Electives	Science Elective	Science Elective	Business Elective	Business Elective

Program Structure			
Major	72 UoC (12 courses)	96 UoC	<b>144 UoC</b>
Science Electives	24 UoC (4 courses)		
Foundation Business	24 UoC (4 courses)	48 UoC	
Business Electives	24 UoC (4 courses)		

**Stage 2 Electives:**

ANAT2341, ANAT2521, PATH2201, PHSL2101, PHSL2201

**Stage 3 Electives:**

ANAT3121, ANAT3131, ANAT3141, ANAT3212, ANAT3231, ANAT3411, NEUR3211

**Recommended Electives:**

NEUR3101, NEUR3221, PATH3205, PATH3207, PHSL3211, PHSL3221

**Foundation Business Courses:**

ACCT1501, ECON1101, MARK1012, MGMT1001, TABL1710

**Business Electives:**

MGMT2002, MGMT2105, MGMT2200, MGMT2718, MGMT2725, MGMT3702, MGMT3721, MGMT3724, STRE2010, STRE3001

MARK2051, MARK2052, MARK2053, MARK2071, MARK2084, MARK3081, MARK3091, MARK3092

LEGT2712, LEGT2721



BABS1201	COMP1917	COMP1927	CHEM1011 or CHEM1031	MATH1031 or MATH1131 or MATH1141	MATH1041 or MATH1231 or MATH1241	CHEM1021 (or CHEM1041)	Foundation Business
BINF2010	BIOC2201	BIOC2101	6 UoC from: MATH2801 or MATH2901	COMP2041	Foundation Business	Foundation Business	Foundation Business
BABS3121	BABS3281	BINF3010	BINF3020	Business Elective	Business Elective	Business Elective	Business Elective

Program Structure			
Major	96 UoC (16 courses)	96 UoC	<b>144 UoC</b>
Science Elective	N/A		
Foundation Business	24 UoC (4 courses)	48 UoC	
Business Electives	24 UoC (4 courses)		

**Foundation Business Courses:**

ACCT1501, ECON1101, MARK1012, MGMT1001, TABL1710

**Business Electives:**

MGMT2002, MGMT2105, MGMT2200, MGMT2718, MGMT2725, MGMT3702, MGMT3721, MGMT3724, STRE2010, STRE3001

MARK2051, MARK2052, MARK2053, MARK2071, MARK2084, MARK3081, MARK3091, MARK3092

LEGT2712, LEGT2721



BABS1201 Summer, S1	BIOS1101 S2	BIOS1301 S1	MATH1041 S1, S2	Science Elective	Foundation Business	Foundation Business	Foundation Business
BEES2041 S1	BABS2204 (S1) or BABS2264 (S2)	6 UoC from Stage 2 Electives	6 UoC from Stage 2 Electives	Science Elective	Science Elective	Science Elective	Foundation Business
6 UoC from Stage 3 Electives	6 UoC from Stage 3 Electives	6 UoC from Stage 3 Electives	6 UoC from Stage 3 Electives	Business Elective	Business Elective	Business Elective	Business Elective

Program Structure			
Major	72 UoC (12 courses)	96 UoC	<b>144 UoC</b>
Science Electives	24 UoC (4 courses)		
Foundation Business	24 UoC (4 courses)	48 UoC	
Business Electives	24 UoC (4 courses)		

**Stage 2 Electives:**

BIOS2011, BIOS2031, BIOS2051, BIOS2061

**Stage 3 Electives:**

BIOS3011, BIOS3061, BIOS3161, BIOS3171, BIOS3221, BIOS3601, BIOS3711, BIOS6671 (or BIOS3671)

**Recommended Electives:**

CHEM1011 (or CHEM1031), GEOS2071, BIOS3081, BIOS3091, GEOS3911, BEES3041

**Foundation Business Courses:**

ACCT1501, ECON1101, MARK1012, MGMT1001, TABL1710

**Business Electives:**

MGMT2002, MGMT2105, MGMT2200, MGMT2718, MGMT2725, MGMT3702, MGMT3721, MGMT3724, STRE2010, STRE3001

MARK2051, MARK2052, MARK2053, MARK2071, MARK2084, MARK3081, MARK3091, MARK3092

LEGT2712, LEGT2721



BABS1201 S1, Summer	BABS1202 S2	CHEM1011 (S1,S2) or CHEM1031 (S1)	CHEM1021 (Summer, S2) or CHEM1041 (S2)	MATH1031 (S1) or MATH1131 (S1,S2) or MATH1141 (S1)	MATH1041 (S1, S2) or MATH1231 (Summer, S2) or MATH1241 (S2)	Foundation Business	Foundation Business
BABS2202 S2	BIOC2201 S2	MICR2011 S1	6 UoC from: BIOC2101 (S1), BABS2204 (S2) or BABS2264 (S2)	6 UoC from Stage 2 Electives	Science Elective	Foundation Business	Foundation Business
BABS3031 (S2) or BABS3631 (S1, S2)	BABS3071 S1	BABS3091 S2	6 UoC from Stage 3 Electives	Business Elective	Business Elective	Business Elective	Business Elective

Program Structure			
Major	90 UoC (15 courses)	96 UoC	<b>144 UoC</b>
Science Electives	6 UoC (1 course)		
Foundation Business	24 UoC (4 courses)	48 UoC	
Business Electives	24 UoC (4 courses)		

**Stage 2 Electives:**

BABS2011, BIOS2011, CHEM2021, CHEM2041, PHSL2101

**Stage 3 Electives:**

BABS3061, BABS3121 (or BABS3621), BABS3021 (or MICR3621), BABS3041, BABS3081, BABS3151, BABS3281, BABS3291, BABS6741, BIOT3081, BIOC3111, BIOC3261, BIOC3271 (or BIOC3671), CHEM3901, FOOD3010, MICR3061, MICR3071

**Note:**

A student can specialise in a particular area of Biotechnology by selecting certain electives. Refer to the handbook to find recommended elective choices.

**Foundation Business Courses:**

ACCT1501, ECON1101, MARK1012, MGMT1001, TABL1710

**Business Electives:**

MGMT2002, MGMT2105, MGMT2200, MGMT2718, MGMT2725, MGMT3702, MGMT3721, MGMT3724, STRE2010, STRE3001

MARK2051, MARK2052, MARK2053, MARK2071, MARK2084, MARK3081, MARK3091, MARK3092

LEGT2712, LEGT2721



CHEM1011 (s1, s2) or CHEM1031 (s1)	CHEM1021 (Summer, s2) or CHEM1041 (s2)	MATH1031 (s1) or MATH1131 (s1,s2) or MATH1141 (s1)	MATH1041 (s1, s2) or MATH1231 (Summer, s2) or MATH1241 (s2)	PHYS1111 (s1,s2) or PHYS1121 (s1,s2) or PHYS1131 (s1,s2)	Science Elective	Foundation Business	Foundation Business
CHEM2011	CHEM2021	CHEM2041	CHEM2031 (s2) or CHEM2839 (s2)	Science Elective	Science Elective	Foundation Business	Foundation Business
6 UoC from Level III Chemistry	6 UoC from Level III Chemistry	6 UoC from Level III Chemistry	6 UoC from Level III courses not already taken or from CHEM electives	Business Elective	Business Elective	Business Elective	Business Elective

Program Structure			
Major	78 UoC (13 courses)	96 UoC	<b>144 UoC</b>
Science Electives	18 UoC (3 courses)		
Foundation Business	24 UoC (4 courses)	48 UoC	
Business Electives	24 UoC (4 courses)		

**Level III Chemistry:**

CHEM3011, CHEM3021, CHEM3031, CHEM6041

**Electives:**

CHEM3101, CHEM3901, CHEM6701, CHEM6702

**Foundation Business Courses:**

ACCT1501, ECON1101, MARK1012,  
MGMT1001, TABL1710

**Business Electives:**

MGMT2002, MGMT2105, MGMT2200,  
MGMT2718, MGMT2725, MGMT3702,  
MGMT3721, MGMT3724, STRE2010,  
STRE3001

MARK2051, MARK2052, MARK2053,  
MARK2071, MARK2084, MARK3081,  
MARK3091, MARK3092

LEGT2712, LEGT2721



GEOS1111 S2	GEOS1211 S2	MATH1041 S1, S2	Science Level 1 Elective	Science Elective	Science Elective	Foundation Business	Foundation Business
BEES2041 S1	GEOS2171 S1	GEOS2181 S1	GEOS2821 S1	6 UoC from Stage 2 Electives	Foundation Business	Foundation Business	Business Elective
GEOS3171 S1	GEOS3141 S2	6 UoC from Stage 3 Electives	6 UoC from Stage 3 Electives	6 UoC from Stage 3 Electives	Business Elective	Business Elective	Business Elective

Program Structure			
Major	78 UoC (13 courses)	96 UoC	<b>144 UoC</b>
Science Electives	18 UoC (3 courses)		
Foundation Business	24 UoC (4 courses)	48 UoC	
Business Electives	24 UoC (4 courses)		

**Stage 2 Electives:** GEOS2071, GEOS2291, GEOS2721

**Stage 3 Electives:** GEOS3071, GEOS3281, GEOS3321, GEOS3331, GEOS3721, GEOS3733, GEOS3761, GEOS3811

**Recommended Electives:** GEOS1701, CHEM1011 (or CHEM1031), CHEM1021 (or CHEM1041)

**Foundation Business Courses:**

ACCT1501, ECON1101, MARK1012, MGMT1001, TABL1710

**Business Electives:**

MGMT2002, MGMT2010, MGMT2105, MGMT2200, MGMT2718, MGMT2725, MGMT3001, MGMT3702, MGMT3721, MGMT3724

MARK2051, MARK2052, MARK2053, MARK2071, MARK2085, MARK3081, MARK3091, MARK3092

TABL2712, TABL2721



BIOS1101 S2	BIOS1301 S1	GEOS1701 S1	MATH1041 S1, S2	Science Elective	Science Elective	Foundation Business	Foundation Business
BEES2041 S1	BIOS2011 S2	GEOS2711 S2	6 UoC from Stage 2 Electives	Science Elective	Science Elective	Foundation Business	Foundation Business
BIOS3601 S1	BIOS6671 (S2) or BIOS3671 (S2)	6 UoC from Stage 3 Electives	6 UoC from Stage 3 Electives	Business Elective	Business Elective	Business Elective	Business Elective

Program Structure			
Major	72 UoC (12 courses)	96 UoC	<b>144 UoC</b>
Science Electives	24 UoC (4 courses)		
Foundation Business	24 UoC (4 courses)	48 UoC	
Business Electives	24 UoC (4 courses)		

**Stage 2 Electives:**  
BIOS2031, BIOS2051, BIOS2061

**Stage 3 Electives:**  
BIOS3061, BIOS3091, BIOS3161, BIOS3081 (or BIOS3681)

**Recommended Electives:**  
GEOS2811, MSCI2001, GEOS3911, BEES3041

**Foundation Business Courses:**

ACCT1501, ECON1101, MARK1012, MGMT1001, TABL1710

**Business Electives:**

MGMT2002, MGMT2105, MGMT2200, MGMT2718, MGMT2725, MGMT3702, MGMT3721, MGMT3724, STRE2010, STRE3001

MARK2051, MARK2052, MARK2053, MARK2071, MARK2084, MARK3081, MARK3091, MARK3092

LEGT2712, LEGT2721





BABS1201 S1	FOOD1120 S1	MATH1031 S1	CHEM1011 (S1,S2) or CHEM1031 (S1)	CHEM1021 (Summer, S2) OR CHEM1041 (S2)	Science Elective	Foundation Business	Foundation Business
BIOC2181 S1	CHEM2921 S1	FOOD2320 S2	MICR2011 S1	Science Elective	Science Elective	Foundation Business	Foundation Business
FOOD3010 S1	6 UoC from Stage 3 Electives	6 UoC from Stage 3 Electives	Science Elective	Business Elective	Business Elective	Business Elective	Business Elective

Program Structure			
Major	72 UoC (12 courses)	96 UoC	<b>144 UoC</b>
Science Electives	24 UoC (4 courses)		
Foundation Business	24 UoC (4 courses)	48 UoC	
Business Electives	24 UoC (4 courses)		

**Stage 3 Electives:**  
FOOD3030, FOOD3220, FOOD3801, FOOD3901

**Recommended Electives:**  
MATH1041, PHYS1111\*, FOOD1360\*

**Note:**  
\*PHYS1111 is a prerequisite for FOOD1360, which is a prerequisite for FOOD3801

**Foundation Business Courses:**

ACCT1501, ECON1101, MARK1012, MGMT1001, TABL1710

**Business Electives:**

MGMT2002, MGMT2105, MGMT2200, MGMT2718, MGMT2725, MGMT3702, MGMT3721, MGMT3724, STRE2010, STRE3001

MARK2051, MARK2052, MARK2053, MARK2071, MARK2084, MARK3081, MARK3091, MARK3092

LEGT2712, LEGT2721



BABS1201 S1, Summer	BABS1202 S2	CHEM1011 (S1,S2) or CHEM1031 (S1)	CHEM1021 (S2, Summer) OR CHEM1041 (S2)	MATH1031 (S1) or MATH1131 (S1,S2) or MATH1141 (S1)	MATH1041 (S1, S2) or MATH1231 (Summer, S2) or MATH1241 (S2)	Foundation Business	Foundation Business
BABS2204 (S2) or BABS2264 (S2)	BABS2202 S2	BIOC2201 S2	6 UoC from Stage 2 Electives	Science Elective	Science Elective	Foundation Business	Foundation Business
BABS3151 S1	BABS3291 S2	BABS3021 (S1) or MICR3621 (S1)	6 UoC from Stage 3 Electives	Business Elective	Business Elective	Business Elective	Business Elective

Program Structure			
Major	84 UoC (14 courses)	96 UoC	<b>144 UoC</b>
Science Electives	12 UoC (2 courses)		
Foundation Business	24 UoC (4 courses)	48 UoC	
Business Electives	24 UoC (4 courses)		

**Stage 2 Electives:**  
BIOC2101, MICR2011

**Stage 3 Electives:**  
BABS3281, BINF3010

**Foundation Business Courses:**

ACCT1501, ECON1101, MARK1012,  
MGMT1001, TABL1710

**Business Electives:**

MGMT2002, MGMT2105, MGMT2200,  
MGMT2718, MGMT2725, MGMT3702,  
MGMT3721, MGMT3724, STRE2010,  
STRE3001

MARK2051, MARK2052, MARK2053,  
MARK2071, MARK2084, MARK3081,  
MARK3091, MARK3092

LEGT2712, LEGT2721



GEOS1601 S2	GEOS1701 S1	MATH1041 S1, S2	Science Level 1 Elective	Science Elective	Science Elective	Foundation Business	Foundation Business
BEES2041 S1	6 UoC from Stage 2 Electives	6 UoC from Stage 2 Electives	Science Elective	Science Elective	Science Elective	Foundation Business	Foundation Business
GEOS3911 S1	6 UoC from Stage 3 Electives	6 UoC from Stage 3 Electives	6 UoC from Stage 3 Electives	Business Elective	Business Elective	Business Elective	Business Elective

Program Structure			
Major	60 UoC (10 courses)	96 UoC	<b>144 UoC</b>
Science Electives	36 UoC (6 courses)		
Foundation Business	24 UoC (4 courses)	48 UoC	
Business Electives	24 UoC (4 courses)		

**Stage 2 Electives:**

GEOS2001, GEOS2641, GEOS2711, GEOS2721, GEOS2811, GEOS2821

**Stage 3 Electives:**

GEOS3611, GEOS3621, GEOS3641, GEOS3651, GEOS3721, GEOS3731, GEOS3761, GEOS3811, GEOS3821, GEOS3921

**Recommended Electives:**

BIOS1301, BEES3041

**Foundation Business Courses:**

ACCT1501, ECON1101, MARK1012, MGMT1001, TABL1710

**Business Electives:**

MGMT2002, MGMT2105, MGMT2200, MGMT2718, MGMT2725, MGMT3702, MGMT3721, MGMT3724, STRE2010, STRE3001

MARK2051, MARK2052, MARK2053, MARK2071, MARK2084, MARK3081, MARK3091, MARK3092

LEGT2712, LEGT2721



BABS1201 S1	BIOS1101 S2	GEOS1701 S1	MATH1041 S1, S2	Science Elective	Science Elective	Foundation Business	Foundation Business
BEES2041 S1	BIOS2031 S2	GEOS2811 S2	MSCI2001 S2	Science Elective	Business Elective	Foundation Business	Foundation Business
BIOS3091 S2	MSCI3001 S2	BIOS3081 (S1) or BIOS3681 (S1)	6 UoC from Stage 3 Electives	6 UoC from Stage 3 Electives	Business Elective	Business Elective	Business Elective

Program Structure			
Major	78 UoC (13 courses)	96 UoC	<b>144 UoC</b>
Science Electives	18 UoC (3 courses)		
Foundation Business	24 UoC (4 courses)	48 UoC	
Business Electives	24 UoC (4 courses)		

**Stage 3 Electives:**

GEOS3731, GEOS3911, GEOS3921, MSCI3201, BIOS6671 (or BIOS3671)

**Recommended Electives:**

BIOS1301, GEOS1211, CHEM1011 (or CHEM1031), CHEM1021 (or CHEM1041), GEOS2721, BEES3041

**Foundation Business Courses:**

ACCT1501, ECON1101, MARK1012, MGMT1001, TABL1710

**Business Electives:**

MGMT2002, MGMT2105, MGMT2200, MGMT2718, MGMT2725, MGMT3702, MGMT3721, MGMT3724, STRE2010, STRE3001

MARK2051, MARK2052, MARK2053, MARK2071, MARK2084, MARK3081, MARK3091, MARK3092

LEGT2712, LEGT2721



**3925 Bachelor of Science and Business with a major in  
Materials Science (MATSB13925)**

CHEM1011 (s1,s2) or CHEM1031 (s1)	MATH1131 (s1,s2) or MATH1141 (s1)	MATH1231 (Summer, s2) or MATH1241 (s2)	MATS1192 S2	PHYS1121 (s1,s2) or PHYS1131 (s1,s2)	Science Elective	Foundation Business	Foundation Business
MATS2001	MATS2003	MATS2004	MATS2006	MATS2008	Science Elective	Foundation Business	Foundation Business
MATS3001 S1	MATS3002 S1	MATS3004 S2	Science Elective	Business Elective	Business Elective	Business Elective	Business Elective

Program Structure			
Major	78 UoC (13 courses)	96 UoC	<b>144 UoC</b>
Science Electives	18 UoC (3 courses)		
Foundation Business	24 UoC (4 courses)	48 UoC	
Business Electives	24 UoC (4 courses)		

**Recommended Electives:**  
ENGG1811 (or COMP1911), MATH2019

**Foundation Business Courses:**

ACCT1501, ECON1101, MARK1012, MGMT1001, TABL1710

**Business Electives:**

MGMT2002, MGMT2105, MGMT2200, MGMT2718, MGMT2725, MGMT3702, MGMT3721, MGMT3724, STRE2010, STRE3001

MARK2051, MARK2052, MARK2053, MARK2071, MARK2084, MARK3081, MARK3091, MARK3092

LEGT2712, LEGT2721



MATH1131 (s1,s2) or MATH1141 (s1)	MATH1231 (s2, Summer) or MATH1241 (s2)	Science Elective	Science Elective	Science Elective	Science Elective	Foundation Business	Foundation Business
MATH2011 (s1) or MATH2111 (s1)	MATH2121 (s2) or MATH2221 (s2)	MATH2501 (s2) or MATH2601 (s2)	MATH2521 or MATH2621	MATH2801 (s1) or MATH2901 (s1)	Science Elective	Foundation Business	Foundation Business
6 UoC of non-statistics level 3 (or hybrid) MATH course*	6 UoC of non-statistics level 3 (or hybrid) MATH course*	6 UoC of any level 3 (or hybrid) MATH course not already taken	Science Elective	Business Elective	Business Elective	Business Elective	Business Elective

Program Structure			
Major	60 UoC (10 courses)	96 UoC	<b>144 UoC</b>
Science Electives	36 UoC (6 courses)		
Foundation Business	24 UoC (4 courses)	48 UoC	
Business Electives	24 UoC (4 courses)		

**Recommended Electives:**  
MATH1081, MATH2301

**Note:**  
\*Courses numbered from MATH3000 to MATH3799 or MATH6700 to MATH6899 inclusive are non-statistics Mathematics courses.

**Foundation Business Courses:**

ACCT1501, ECON1101, MARK1012, MGMT1001, TABL1710

**Business Electives:**

MGMT2002, MGMT2105, MGMT2200, MGMT2718, MGMT2725, MGMT3702, MGMT3721, MGMT3724, STRE2010, STRE3001

MARK2051, MARK2052, MARK2053, MARK2071, MARK2084, MARK3081, MARK3091, MARK3092

LEGT2712, LEGT2721



BABS1201 S1, Summer	BABS1202 S2	CHEM1011 (S1,S2) or CHEM1031 (S1)	CHEM1021 (S2, Summer) OR CHEM1041 (S2)	MATH1031 (S1) or MATH1131 (S1,S2) or MATH1141 (S1)	MATH1041 (S1,S2) or MATH1231 (S2, Summer) OR MATH1241 (S2)	Foundation Business	Foundation Business
BABS2202 S2	BIOC2201 S2	MICR2011 S1	6 UoC from Stage 2 Electives	Science Elective	Science Elective	Foundation Business	Foundation Business
BABS3081 S1	MICR3061 S2	MICR3071 S1	6 UoC from Stage 3 Electives	Business Elective	Business Elective	Business Elective	Business Elective

Program Structure			
Major	84 UoC (14 courses)	96 UoC	<b>144 UoC</b>
Science Electives	12 UoC (2 courses)		
Foundation Business	24 UoC (4 courses)	48 UoC	
Business Electives	24 UoC (4 courses)		

**Stage 2 Electives:**  
BIOC2101, BABS2204 (or BABS2264)

**Stage 3 Electives:**  
BABS3041, BABS3021 (or MICR3621)

**Foundation Business Courses:**

ACCT1501, ECON1101, MARK1012,  
MGMT1001, TABL1710

**Business Electives:**

MGMT2002, MGMT2105, MGMT2200,  
MGMT2718, MGMT2725, MGMT3702,  
MGMT3721, MGMT3724, STRE2010,  
STRE3001

MARK2051, MARK2052, MARK2053,  
MARK2071, MARK2084, MARK3081,  
MARK3091, MARK3092

LEGT2712, LEGT2721



BABS1201 Summer, S1	BABS1202 S2	CHEM1011 (S1,S2) or CHEM1031 (S1)	CHEM1021 (Summer, S2) or CHEM1041 (S2)	MATH1031 (S1) or MATH1131 (S1,S2) or MATH1141 (S1)	MATH1041 (S1,S2) or MATH1231 (Summer, S2) or MATH1241 (S2)	Foundation Business	Foundation Business
BABS2202 S2	BIOC2101 S1	BIOC2201 S2	6 UoC from Stage 2 Electives	Science Elective	Science Elective	Foundation Business	Foundation Business
BIOC3271 (S2) or BIOC3671 (S2)	BIOC3261 S2	6 UoC from Stage 3 Electives	Science Elective	Business Elective	Business Elective	Business Elective	Business Elective

Program Structure			
Major	78 UoC (13 courses)	96 UoC	<b>144 UoC</b>
Science Electives	18 UoC (3 courses)		
Foundation Business	24 UoC (4 courses)	48 UoC	
Business Electives	24 UoC (4 courses)		

**Stage 2 Electives:**

MICR2011, BABS2204 (or BABS2264)

**Stage 3 Electives:**

BABS3281, BIOC3111, BABS3121

**Recommended Electives for students interested in Biochemistry:**

CHEM2021, CHEM2041, BABS3021 (or MICR3621), CHEM3021, CHEM6041

**Recommended Electives for students interested in Genetics:**

BABS3021 (or MICR3621), BINF3010

**Foundation Business Courses:**

ACCT1501, ECON1101, MARK1012, MGMT1001, TABL1710

**Business Electives:**

MGMT2002, MGMT2105, MGMT2200, MGMT2718, MGMT2725, MGMT3702, MGMT3721, MGMT3724, STRE2010, STRE3001

MARK2051, MARK2052, MARK2053, MARK2071, MARK2084, MARK3081, MARK3091, MARK3092

LEGT2712, LEGT2721





BABS1201 S1, Summer	BIOS1101 S2	MATH1041 S1, S2	PSYC1001 S1	PSYC1011 S2	CHEM1011 (S1, S2) or CHEM1031 (S1)	Foundation Business	Foundation Business
NEUR2201 S2	PHSL2101 S1	6 UoC from Stage 2 Electives	6 UoC from Stage 2 Electives	6 UoC from Stage 2 Electives	Science Elective	Foundation Business	Foundation Business
6 UoC from Stage 3 Electives	6 UoC from Stage 3 Electives	6 UoC from Stage 3 Electives	Science Elective	Business Elective	Business Elective	Business Elective	Business Elective

Program Structure			
Major	84 UoC (14 courses)	96 UoC	<b>144 UoC</b>
Science Electives	12 UoC (2 courses)		
Foundation Business	24 UoC (4 courses)	48 UoC	
Business Electives	24 UoC (4 courses)		

**Stage 2 Electives:**

PHAR2011, PSYC2001, PSYC2081, ANAT2511 (or ANAT2111)

**Stage 3 Electives:**

ANAT3411, NEUR3121, PHAR3202, PSYC3051

**Recommended Electives:**

CHEM1021 (or CHEM1041), BIOC2181 (or BIOC2101), PSYC2071, NEUR3211, NEUR3221, PSYC3221

**Foundation Business Courses:**

ACCT1501, ECON1101, MARK1012, MGMT1001, TABL1710

**Business Electives:**

MGMT2002, MGMT2105, MGMT2200, MGMT2718, MGMT2725, MGMT3702, MGMT3721, MGMT3724, STRE2010, STRE3001

MARK2051, MARK2052, MARK2053, MARK2071, MARK2084, MARK3081, MARK3091, MARK3092

LEGT2712, LEGT2721



BABS1201 S1, Summer	BIOS1101 S2	CHEM1011 (S1, S2) or CHEM1031 (S1)	CHEM1021 (Summer, S2) or CHEM1041 (S2)	Science Elective	Science Elective	Foundation Business	Foundation Business
ANAT2241 S1	PATH2201 S2	BIOC2181 (S1) or BIOC2101 (S1)	6 UoC from Stage 2 Electives	Science Elective	Science Elective	Foundation Business	Foundation Business
PATH3205 S1	PATH3206 S1	6 UoC from Stage 3 Electives	Science Elective	Business Elective	Business Elective	Business Elective	Business Elective

Program Structure			
Major	66 UoC (11 courses)	96 UoC	<b>144 UoC</b>
Science Electives	30 UoC (5 courses)		
Foundation Business	24 UoC (4 courses)	48 UoC	
Business Electives	24 UoC (4 courses)		

**Stage 2 Electives:**  
ANAT2111, BABS2202, MICR2011

**Stage 3 Electives:**  
ANAT3212, BABS3041, PATH3207, PATH3208

**Recommended Electives:**  
MATH1041

**Foundation Business Courses:**

ACCT1501, ECON1101, MARK1012, MGMT1001, TABL1710

**Business Electives:**

MGMT2002, MGMT2105, MGMT2200, MGMT2718, MGMT2725, MGMT3702, MGMT3721, MGMT3724, STRE2010, STRE3001

MARK2051, MARK2052, MARK2053, MARK2071, MARK2084, MARK3081, MARK3091, MARK3092

LEGT2712, LEGT2721



BABS1201 S1, Summer	CHEM1011 (S1,S2) or CHEM1031 (S1)	CHEM1021 (Summer, S2) or CHEM1041 (S2)	MATH1041 (S1, S2) or MATH1031 (S1) or MATH1131 (S1, S2) or MATH1141 (S1)	Science Elective	Science Elective	Foundation Business	Foundation Business
PHAR2011 S2	PHSL2101 S1	6 UoC from Stage 2 Electives	6 UoC from Stage 2 Electives	Science Elective	Science Elective	Foundation Business	Foundation Business
6 UoC from Stage 3 Electives	6 UoC from Stage 3 Electives	6 UoC from Stage 3 Electives	Science Elective	Business Elective	Business Elective	Business Elective	Business Elective

Program Structure			
Major	66 UoC (11 courses)	96 UoC	<b>144 UoC</b>
Science Electives	30 UoC (5 courses)		
Foundation Business	24 UoC (4 courses)	48 UoC	
Business Electives	24 UoC (4 courses)		

**Stage 2 Electives:**

BABS2202, CHEM2021, CHEM2041, PHSL2201, BIOC2181 (or BIOC2101), BIOC2291 (or BIOC2201)

**Stage 3 Electives:**

PHAR3101, PHAR3102, PHAR3202, PHAR3251

**Recommended Electives:**

BIOC3111, BIOC3271, CHEM6041, NEUR3221, PHSL3211, PHSL3221

**Foundation Business Courses:**

ACCT1501, ECON1101, MARK1012, MGMT1001, TABL1710

**Business Electives:**

MGMT2002, MGMT2105, MGMT2200, MGMT2718, MGMT2725, MGMT3702, MGMT3721, MGMT3724, STRE2010, STRE3001

MARK2051, MARK2052, MARK2053, MARK2071, MARK2084, MARK3081, MARK3091, MARK3092

LEGT2712, LEGT2721



**3925 Bachelor of Science and Business with a major in  
Physical Oceanography (MATHN13925)**

MATH1131 (S1, S2) or MATH1141 (S1)	MATH1231 (Summer, S2) or MATH1241 (S2)	PHYS1121 (S1,S2) or PHYS1131 (S1, S2)	PHYS1221 (Summer, S2) or PHYS1231 (Summer, S2)	Science Elective	Science Elective	Foundation Business	Foundation Business
MATH2011 (S1) or MATH2111 (S1)	MATH2121 (S2) or MATH2221 (S2)	MATH2241 S1	MATH2301 S1	Science Elective	Science Elective	Foundation Business	Foundation Business
MATH3041 S1	MATH3121 S2	MATH3261 S2	Science Elective	Business Elective	Business Elective	Business Elective	Business Elective

Program Structure			
Major	66 UoC (11 courses)	96 UoC	<b>144 UoC</b>
Science Electives	30 UoC (5 courses)		
Foundation Business	24 UoC (4 courses)	48 UoC	
Business Electives	24 UoC (4 courses)		

**Recommended Electives:**  
MATH1081, PHYS2801

**Foundation Business Courses:**

ACCT1501, ECON1101, MARK1012,  
MGMT1001, TABL1710

**Business Electives:**

MGMT2002, MGMT2105, MGMT2200,  
MGMT2718, MGMT2725, MGMT3702,  
MGMT3721, MGMT3724, STRE2010,  
STRE3001

MARK2051, MARK2052, MARK2053,  
MARK2071, MARK2084, MARK3081,  
MARK3091, MARK3092

LEGT2712, LEGT2721



PHYS1121 (S1,S2) or PHYS1131 (S1,S2) or PHYS1141 (S1)	PHYS1221 (Summer,S2) or PHYS1231 Summer, s2) or PHYS1241 (s2)	MATH1131 (S1,S2) or MATH1141 (S1)	MATH1231 (Summer,S2) Or MATH1241 (s2)	Science Elective	Science Elective	Foundation Business	Foundation Business
PHYS2110 S1	PHYS2210 S2	MATH2011 (S1) or MATH2111 (S1)	MATH2121 (S2) or MATH2221 (S2)	6 UoC of level II or III PHYS course	6 UoC of level II or III PHYS course	Foundation Business	Foundation Business
6 UoC of level III PHYS courses	6 UoC of level III PHYS courses	6 UoC of level III PHYS courses	Science Elective	Business Elective	Business Elective	Business Elective	Business Elective

Program Structure			
Major	78 UoC (13 courses)	96 UoC	<b>144 UoC</b>
Science Elective	18 UoC (3 courses)		
Foundation Business	24 UoC (4 courses)	48 UoC	
Business Electives	24 UoC (4 courses)		

**Recommended Electives:**

Students who wish to take honours in Physics should take 24 UoC of level III PHYS courses which include: PHYS3011, PHYS3021, PHYS3031

**Foundation Business Courses:**

ACCT1501, ECON1101, MARK1012, MGMT1001, TABL1710

**Business Electives:**

MGMT2002, MGMT2105, MGMT2200, MGMT2718, MGMT2725, MGMT3702, MGMT3721, MGMT3724, STRE2010, STRE3001

MARK2051, MARK2052, MARK2053, MARK2071, MARK2084, MARK3081, MARK3091, MARK3092

LEGT2712, LEGT2721



BABS1201 S1, Summer	CHEM1011 (S1,S2) or CHEM1031 (S1)	MATH1041 (S1, S2) or MATH1031 (S1) or MATH1131 (S1, S2) or MATH1141 (S1)	6 UoC from Stage 1 Electives	Science Elective	Science Elective	Foundation Business	Foundation Business
PHSL2101 S1	PHSL2201 S2	6 UoC from Stage 2 Electives	6 UoC from Stage 2 Electives	Science Elective	Science Elective	Foundation Business	Foundation Business
6 UoC from Stage 3 Electives	6 UoC from Stage 3 Electives	6 UoC from Stage 3 Electives	Science Elective	Business Elective	Business Elective	Business Elective	Business Elective

Program Structure			
Major	66 UoC (11 courses)	96 UoC	<b>144 UoC</b>
Science Electives	30 UoC (5 courses)		
Foundation Business	24 UoC (4 courses)	48 UoC	
Business Electives	24 UoC (4 courses)		

**Stage 1 Electives:**

BIOS1101, CHEM1021 (or CHEM1041), PHYS1111 (or PHYS1121 or PHYS1131)

**Stage 2 Electives:**

NEUR2201, PHAR2011, BIOC2181 (or BIOC2101), BIOC2291 (or BIOC2201)

**Stage 3 Electives:**

NEUR3101, NEUR3121, NEUR3221, PHSL3211, PHSL3221

**Recommended Electives:** BIOC3261

**Foundation Business Courses:**

ACCT1501, ECON1101, MARK1012, MGMT1001, TABL1710

**Business Electives:**

MGMT2002, MGMT2105, MGMT2200, MGMT2718, MGMT2725, MGMT3702, MGMT3721, MGMT3724, STRE2010, STRE3001

MARK2051, MARK2052, MARK2053, MARK2071, MARK2084, MARK3081, MARK3091, MARK3092

LEGT2712, LEGT2721



PSYC1001 S1	PSYC1011 S2	PSYC1111 S2	Science Level 1 Elective	Science Elective	Science Elective	Foundation Business	Foundation Business
PSYC2001 S1	PSYC2061 S1	PSYC2071 S2	PSYC2081 S1	PSYC2101 S2	Foundation Business	Foundation Business	Business Elective
PSYC3001 S1	PSYC3011 S2	6 UoC from Elective Stream A	6 UoC from Elective Stream B	6 UoC from Elective Stream A or B	Business Elective	Business Elective	Business Elective

Program Structure			
Major	78 UoC (13 courses)	96 UoC	<b>144 UoC</b>
Science Electives	18 UoC (3 courses)		
Foundation Business	24 UoC (4 courses)	48 UoC	
Business Electives	24 UoC (4 courses)		

**Elective Stream A:**

PSYC3051, PSYC3211, PSYC3221, PSYC3241, PSYC3311, PSYC3371

**Elective Stream B:**

PSYC3121, PSYC3141, PSYC3301, PSYC3331, PSYC3341, PSYC3361

**Recommended Elective:**

PSYC1031

**Foundation Business Courses:**

ACCT1501, ECON1101, MARK1012, MGMT1001, TABL1710

**Business Electives:**

MGMT2002, MGMT2105, MGMT2200, MGMT2718, MGMT2725, MGMT3702, MGMT3721, MGMT3724, STRE2010, STRE3001

MARK2051, MARK2052, MARK2053, MARK2071, MARK2084, MARK3081, MARK3091, MARK3092

LEGT2712, LEGT2721



MATH1131 (S1,S2) or MATH1141 (S1)	MATH1231 (Summer, S2) or MATH1241 (S2)	Science Level 1 Elective	Science Level 1 Elective	Science Elective	Science Elective	Foundation Business	Foundation Business
MATH2011 (S1) or MATH2111 (S1)	MATH2501 (S2) or MATH2601 (S2)	MATH2801 (S1) or MATH2901 (S1)	MATH2831 (S2) or MATH2931 (S2)	Science Elective	Science Elective	Foundation Business	Foundation Business
MATH3801 (S1) or MATH3901 (S1)	MATH3811 (S1) or MATH3911 (S1)	MATH3821 S2	MATH3831 (S1) or MATH3841 (S2) or MATH3851 (S2) or MATH3871 (S1)	Business Elective	Business Elective	Business Elective	Business Elective

Program Structure			
Major	60 UoC (10 courses)	96 UoC	<b>144 UoC</b>
Science Electives	36 UoC (6 courses)		
Foundation Business	24 UoC (4 courses)	48 UoC	
Business Electives	24 UoC (4 courses)		

**Recommended Electives:**  
MATH1081

**Foundation Business Courses:**

ACCT1501, ECON1101, MARK1012,  
MGMT1001, TABL1710

**Business Electives:**

MGMT2002, MGMT2105, MGMT2200,  
MGMT2718, MGMT2725, MGMT3702,  
MGMT3721, MGMT3724, STRE2010,  
STRE3001

MARK2051, MARK2052, MARK2053,  
MARK2071, MARK2084, MARK3081,  
MARK3091, MARK3092

LEGT2712, LEGT2721





BABS1201 S1, Summer	MATH1031 (s1) or MATH1131 (s1,s2) or MATH1141 (s1)	VISN1111 S1	VISN1101 S2	VISN1221 S2	PHYS1111 (s1,s2) or PHYS1121 (s1,s2) or PHYS1131 (s1,s2)	Foundation Business	Foundation Business
ANAT2111 S1, S2	VISN2111 S1	OPTM2190 S1	VISN2211 S2	VISN2231 S2	Science Elective	Foundation Business	Foundation Business
VISN3111 S1	PSYC3221 (S1) or OPTM3131 (S1) or ANAT3411 (S1)	VISN3211 S2	PSYC3211 (s2) or OPTM3231 (s2) or ANAT3131 (s2) or VISN3131	Business Elective	Business Elective	Business Elective	Business Elective

Program Structure			
Major	90 UoC (15 courses)	96 UoC	<b>144 UoC</b>
Science Electives	6 UoC (1 course)		
Foundation Business	24 UoC (4 courses)	48 UoC	
Business Electives	24 UoC (4 courses)		

**Recommended Electives:**

PSYC1011, PSYC1001, PSYC2071, PSYC2001, SCIF2041, SCIF3041

**Note:**

Students intending to apply for transfer into the **Bachelor of Optometry/Bachelor of Science** (program 3952) via the alternative entry pathway should elect to do the following 6 UOC course: CHEM1031 and CHEM1829

**Foundation Business Courses:**

ACCT1501, ECON1101, MARK1012, MGMT1001, TABL1710

**Business Electives:**

MGMT2002, MGMT2105, MGMT2200, MGMT2718, MGMT2725, MGMT3702, MGMT3721, MGMT3724, STRE2010, STRE3001

MARK2051, MARK2052, MARK2053, MARK2071, MARK2084, MARK3081, MARK3091, MARK3092

LEGT2712, LEGT2721