Science

Bachelor of Science and Business (3925)



2015 Commencing Students

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Anatomy (ANATA13925)

| 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 | | | | | | | |
| Science Electives | 24 UoC (4 courses) | 96 UOC | | | | | | | |
| Foundation Business | 24 000 | | 144 UoC | | | | | | |
| Business Electives | 24 UoC (4 courses) | 48 UoC | | | | | | | |

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



3925 Bachelor of Science and Business with a major in **Bioinformatics** (BINFB13925)

| 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) | | | | | | | | | |
| Science Elective | N/A | 96 UoC | 44411-0 | | | | | | | |
| Foundation Business | 24 UoC (4 courses) | 40.11-0 | 144 UoC | | | | | | | |
| Business Electives | 24 UoC (4 courses) | 48 UoC | | | | | | | | |

Foundation Business Courses:

ACCT1501, ECON1101, MARK1012, MGMT1001, TABL1710

Business Electives:

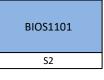
MGMT2002, MGMT2105, MGMT2200, MGMT2718, MGMT2725, MGMT3702, MGMT3721, MGMT3724, STRE2010, STRE3001

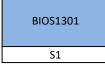
MARK2051, MARK2052, MARK2053, MARK2071, MARK2084, MARK3081, MARK3091, MARK3092

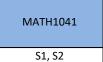


Biology (BIOSJ13925)

| BABS1201 | |
|------------|---|
| Summer, S1 | |
| | • |









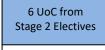


Foundation Business

Foundation Business

BEES2041 S1





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 | | | | | | | |
| Science Electives | 24 UoC (4 courses) | 96 000 | | | | | | | |
| Foundation Business | 24 UoC (4 courses) | 48 UoC | 144 UoC | | | | | | |
| Business Electives | 24 UoC (4 courses) | 46 UUC | | | | | | | |

Stage 2 Electives:

BIOS2011, BIOS2031, BIOS2051, BIOS2061

Stage 3 Electives:

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

Recommended Electives:

 ${\sf CHEM1011} \ ({\sf or}\ {\sf CHEM1031}), {\sf GEOS2071}, {\sf BIOS3081}, {\sf BIOS3091}, {\sf GEOS3911}, {\sf BEES3041}$

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



3925 Bachelor of Science and Business with a major in **Biotechnology** (BIOTA13925)

| BABS1201 | BABS1202 | CHEM1011 (\$1,\$2) or CHEM1031 (\$1) | 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 |
|---------------------------------------|----------------|---|--|--|---|------------------------|------------------------|
| S1, Summer | S2 | | | | | | |
| 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 | | | | | | | | |
| Science Electives | 6 UoC (1 course) | 96 OOC | | | | | | | | |
| Foundation Business | 24 UoC (4 courses) | 40.11-0 | 144 UoC | | | | | | | |
| Business Electives | 24 UoC (4 courses) | 48 UoC | | | | | | | | |

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



3925 Bachelor of Science and Business with a major in **Chemistry** (CHEMA13925)

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

Foundation

Business

Business

Electives

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) | 06.1100 | |
| Science Electives | 18 UoC (3 courses) | 96 UoC | 144 UoC |
| | l | | 144 000 |

24 UoC

(4 courses)

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

48 UoC



Earth Science (GEOLS13925)

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

| Program Structure | | | | | | | |
|------------------------|------------------------|---------|---------|--|--|--|--|
| Major | 78 UoC (13 courses) | 96 UoC | | | | | |
| Science Electives | 18 UoC (3 courses) | 96 000 | 44411-0 | | | | |
| Foundation Business | 24 UoC (4 courses) | 49.1100 | 144 UoC | | | | |
| Business Electives | 24 UoC (4 courses) | 48 UoC | | | | | |

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



Ecology (BIOSG13925)

| BIOS1101 | BIOS1301 | GEOS1701 S1 | MATH1041 S1, S2 | Science Elective | Science Elective | Foundation Business | Foundation Business |
|----------------|------------------------------------|---------------------------------|---------------------------------|-------------------|-------------------|------------------------|------------------------|
| BEES2041 | BIOS2011 | GEOS2711 | 6 UoC from Stage 2 Electives | Science Elective | Science Elective | Foundation Business | Foundation Business |
| BIOS3601 S1 | S2 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 | | | | | | |
| Science Electives | 24 UoC (4 courses) | 96 000 | | | | | | |
| Foundation Business | 24 UoC (4 courses) | 40.11-6 | 144 UoC | | | | | |
| Business Electives | 24 UoC (4 courses) | 48 UoC | | | | | | |

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



3925 Bachelor of Science and Business with a major in **Food Science** (FOODH13925)

| BABS1201 S1 | FOOD1120 | MATH1031 S1 | CHEM1011 (S1,S2) or CHEM1031 (S1) | CHEM1021 (Summer, S2) or CHEM1041 (S2) | Science Elective | Foundation Business | Foundation Business |
|----------------|---------------------------------|---------------------------------|--------------------------------------|--|-------------------|------------------------|------------------------|
| BIOC2181 | 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 | | | | | | |
| Science Electives | 24 UoC (4 courses) | 96 000 | | | | | | |
| Foundation Business | 24 UoC (4 courses) | 40.11-6 | 144 UoC | | | | | |
| Business Electives | 24 UoC (4 courses) | 48 UoC | | | | | | |

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



Genetics (BIOCC13925)

| BABS1201 | BABS1202 | 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 |
|-----------------------------------|------------------|--------------------------------------|--|--|---|------------------------|---|------------------------|
| S1, Summer | S2 | | | | | | L | |
| BABS2204 (S2) or BABS2264 (S2) | BAB\$2202 \$2 | BIOC2201 \$2 | 6 UoC from Stage 2 Electives | Science Elective | Science Elective | Foundation Business | | Foundation Business |
| BABS3151 | BABS3291 | 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 | | | | | |
| Science Electives | 12 UoC (2 courses) | 96 000 | | | | | |
| Foundation Business | 24 UoC (4 courses) | 48 UoC | 144 UoC | | | | |
| Business Electives | 24 UoC (4 courses) | 48 UOC | | | | | |

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



Geography (GEOGG13925)

| GEOS1601 | GEOS1701 | MATH1041 | Science Level 1 Elective | Science Elective | Science Elective | Foundation Business | Foundation Business |
|----------------|---------------------------------|---------------------------------|---------------------------------|-------------------|-------------------|------------------------|------------------------|
| S2 | S1 | S1, S2 | | | | | |
| 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 | | | | | | |
| Science Electives | 36 UoC (6 courses) | 96 000 | 44411-0 | | | | | |
| Foundation Business | 24 UoC (4 courses) | 40.11-0 | 144 UoC | | | | | |
| Business Electives | 24 UoC (4 courses) | 48 UoC | | | | | | |

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



3925 Bachelor of Science and Business with a major in **Marine Science** (MSCIM13925)

| BABS1201 S1 | BIOS1101 | GEOS1701 S1 | MATH1041 S1, S2 | Science Elective | Science Elective | Foundation Business | Foundation Business |
|----------------|----------|-----------------------------------|---------------------------------|---------------------------------|-------------------|------------------------|------------------------|
| BEES2041 S1 | BIOS2031 | GEOS2811 S2 | MSCI2001 | Science Elective | Business Elective | Foundation Business | Foundation Business |
| BIOS3091 S2 | MSCI3001 | 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 | | | | | | |
| Science Electives | 18 UoC (3 courses) | 96 UOC | 44411-6 | | | | | |
| Foundation Business | 24 UoC (4 courses) | 40.11-6 | 144 UoC | | | | | |
| Business Electives | 24 UoC (4 courses) | 48 UoC | | | | | | |

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



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

| CHEM1011 (51,52) or CHEM1031 (51) | 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 | MATS3004 | Science Elective | Business Elective | Business Elective | Business Elective | Business Elective |

| Program Structure | | | | | | | |
|------------------------|------------------------|---------|---------|--|--|--|--|
| Major | 78 UoC (13 courses) | 96 UoC | | | | | |
| Science Electives | 18 UoC (3 courses) | 96 000 | 14411-6 | | | | |
| Foundation Business | 24 UoC (4 courses) | 40.11-0 | 144 UoC | | | | |
| Business Electives | 24 UoC (4 courses) | 48 UoC | | | | | |

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



3925 Bachelor of Science and Business with a major in **Mathematics** (MATHM13925)

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 nonstatistics level 3 (or hybrid) MATH course* 6 UoC of nonstatistics 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 | | | | | |
| Science Electives | 36 UoC (6 courses) | 96 000 | | | | | |
| Foundation Business | 24 UoC (4 courses) | 48 UoC | 144 UoC | | | | |
| Business Electives | 24 UoC (4 courses) | 46 UUC | | | | | |

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



3925 Bachelor of Science and Business with a major in **Microbiology** (MICRB13925)

| BABS1201 S1, Summer | BABS1202 | CHEM1011 (51,52) or CHEM1031 (51) | CHEM1021 (s2, Summer) Or CHEM1041 (s2) | MATH1031 (S1) or MATH1131 (S1,S2) or MATH1141 (S1) | MATH1041 (51,52) or MATH1231 (52, Summer) or MATH1241 (52) | Foundation Business | Foundation Business |
|------------------------|----------|--------------------------------------|--|--|---|------------------------|------------------------|
| BABS2202 S2 | BIOC2201 | MICR2011 \$1 | 6 UoC from Stage 2 Electives | Science Elective | Science Elective | Foundation Business | Foundation Business |
| BABS3081 S1 | MICR3061 | MICR3071 | 6 UoC from Stage 3 Electives | Business Elective | Business Elective | Business Elective | Business Elective |

| Program Structure | | | | | | | |
|------------------------|------------------------|---------|---------|--|--|--|--|
| Major | 84 UoC (14 courses) | 96 UoC | | | | | |
| Science Electives | 12 UoC (2 courses) | 96 UOC | 44411-0 | | | | |
| Foundation Business | 24 UoC (4 courses) | 40.11-0 | 144 UoC | | | | |
| Business Electives | 24 UoC (4 courses) | 48 UoC | | | | | |

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



3925 Bachelor of Science and Business with a major in Molecular and Cell Biology (BIOCM13925)

| 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 (51,52) or MATH1231 (summer, 52) or MATH1241 (52) | Foundation Business | Foundation Business |
|-----------------------------------|----------------|--------------------------------------|--|--|--|------------------------|------------------------|
| BABS2202 S2 | BIOC2101 S1 | BIOC2201 | 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 | | | | | |
| Science Electives | 18 UoC (3 courses) | 96 UOC | 44411-0 | | | | |
| Foundation Business | 24 UoC (4 courses) | 40.11-0 | 144 UoC | | | | |
| Business Electives | 24 UoC (4 courses) | 48 UoC | | | | | |

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

 $\label{lem:commended} \textbf{Recommended Electives for students interested in Genetics:}$

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



3925 Bachelor of Science and Business with a major in **Neuroscience** (NEURS13925)

| BABS1201 S1, Summer | BIOS1101 | MATH1041 S1, S2 | PSYC1001 S1 | PSYC1011 | 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 | | | | | |
| Science Electives | 12 UoC (2 courses) | 96 UOC | 44411-0 | | | | |
| Foundation Business | 24 UoC (4 courses) | 40.11-6 | 144 UoC | | | | |
| Business Electives | 24 UoC (4 courses) | 48 UoC | | | | | |

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



Pathology (PATHA13925)

| BABS1201 | BIOS1101 | CHEM1011 (S1, S2) or CHEM1031 (S1) | CHEM1021 (Summer, s2) or CHEM1041 (S2) | | Science Elective | Science Elective | Foundation Business | Foundation Business |
|------------|----------|---------------------------------------|--|---|-------------------|-------------------|------------------------|------------------------|
| S1, Summer | S2 | | | | | | | |
| ANAT2241 | PATH2201 | BIOC2181 (S1) or BIOC2101 (S1) | 6 UoC from Stage 2 Electives | | Science Elective | Science Elective | Foundation Business | Foundation Business |
| S1 | S2 | | | | | | | |
| PATH3205 | PATH3206 | 6 UoC from Stage 3 Electives | Science Elective | Ī | Business Elective | Business Elective | Business Elective | Business Elective |
| S1 | S1 | | | | | | | |

| Program Structure | | | | | | | |
|------------------------|------------------------|---------|---------|--|--|--|--|
| Major | 66 UoC (11 courses) | 96 UoC | | | | | |
| Science Electives | 30 UoC (5 courses) | 96 OOC | 44411-0 | | | | |
| Foundation Business | 24 UoC (4 courses) | 40.11-0 | 144 UoC | | | | |
| Business Electives | 24 UoC (4 courses) | 48 UoC | | | | | |

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



3925 Bachelor of Science and Business with a major in **Pharmacology** (PHARA13925)

| 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 | | | | | |
| Science Electives | 30 UoC (5 courses) | 96 000 | | | | | |
| Foundation Business | 24 UoC (4 courses) | 40.11-0 | 144 UoC | | | | |
| Business Electives | 24 UoC (4 courses) | 48 UoC | | | | | |

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



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

Electives

S1

MATH3121 S2 MATH3261 S2

Science Elective

Business Elective

Business Elective

Business Elective

Business Elective

| Program Structure | | | | | |
|------------------------|------------------------|---------|---------|--|--|
| Major | 66 UoC (11 courses) | 061100 | | | |
| Science Electives | 30 UoC (5 courses) | 96 UoC | 144 UoC | | |
| Foundation Business | 24 UoC (4 courses) | 49.1100 | 144 UOC | | |
| Business | 24 UoC | 48 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



3925 Bachelor of Science and Business with a major in Physical Science (PHYSK13925)

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 S1

PHYS2210

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

S2

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 | | | | |
| Science Elective | 18 UoC (3 courses) | 96 000 | 44411-0 | | | |
| Foundation Business | 24 UoC (4 courses) | 48 UoC | 144 UoC | | | |
| Business Electives | 24 UoC (4 courses) | 46 UUC | | | | |

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



Physiology (PHSLA13925)

BABS1201

S1, Summer

CHEM1011 (\$1,\$2) or CHEM1031 (\$1)

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

Stage 2 Electives

6 UoC from

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 | | | | |
| Science Electives | 30 UoC (5 courses) | 96 000 | 1441100 | | | |
| Foundation Business | 24 UoC (4 courses) | 40.11-0 | 144 UoC | | | |
| Business Electives | 24 UoC (4 courses) | 48 UoC | | | | |

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



Psychology (PSYCA13925)

| 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 | 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 | | | | |
| Science Electives | 18 UoC (3 courses) | 96 000 | | | | |
| Foundation Business | 24 UoC (4 courses) | 49.1100 | 144 UoC | | | |
| Business Electives | 24 UoC (4 courses) | 48 UoC | | | | |

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



Statistics (MATHT13925)

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)

Business

Electives

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

Science Electives

36 UoC
(6 courses)

Foundation
Business

24 UoC
(4 courses)

48 UoC

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



3925 Bachelor of Science and Business with a major in **Vision Science** (VISNA13925)

| BABS1201 S1, Summer | MATH1031 (s1) or MATH1131 (s1,52) or MATH1141 (s1) | VISN1111 S1 | VISN1101 S2 | VISN1221 S2 | PHYS1111 (51,52) or PHYS1121 (51,52) or PHYS1131 (51,52) | Foundation Business | Foundation Business |
|------------------------|--|----------------|--|-------------------|--|------------------------|------------------------|
| ANAT2111 \$1, \$2 | VISN2111 S1 | OPTM2190 S1 | VISN2211 S2 | VISN2231 S2 | Science Elective | Foundation Business | Foundation Business |
| VISN3111 | PSYC3221 (S1) or OPTM3131 (S1) or ANAT3411 (S1) | VISN3211 | 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 | | | | |
| Science Electives | 6 UoC (1 course) | 96 UOC | | | | |
| Foundation Business | 24 UoC (4 courses) | 40.11-0 | 144 UoC | | | |
| Business Electives | 24 UoC (4 courses) | 48 UoC | | | | |

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