

Science

Bachelor of Science & Business (3925)

2022 Commencing Students
Program Structure



Single Degree Mode

| | | | | |
|----------------------|-----------------------------|---------------------|--------|---------|
| PROGRAM STRUCTURE | An approved Major | 96 UOC (16 courses) | 96 UOC | 144 UOC |
| | Science Electives | | | |
| | Foundation Business Courses | 24 UOC (4 courses) | 48 UOC | |
| | Business Electives | 24 UOC (4 courses) | | |

Science Electives are courses taken from within the Faculty of Science or as defined [here](#)

Foundation Business Courses are four core level 1 courses from the Faculty of Business that have been selected as part of the program: COMM1100, COMM1140, COMM1150, COMM1170.

Business Electives

Are courses selected from the Faculty of Business at level 2 and 3: MARK2012, MARK2051, MARK2052, MARK2053, MARK2071, MARK3081, MARK3085, MARK3091, MARK3092, MGMT2002, MGMT2010, MGMT2105, MGMT2200, MGMT2718, MGMT2725, MGMT3001, MGMT3702, MGMT3721, MGMT3724, TABL2710, TABL2712, TABL2721.

Science students cannot take GENS courses under any circumstance

Dual Degree Mode *not shown in plans below

| | | | | |
|----------------------|-----------------------------|--------------------|---------|---------|
| PROGRAM STRUCTURE | An approved Major | 144 UOC | 144 UOC | 288 UOC |
| | Science Electives | | | |
| | Foundation Business Courses | 24 UOC (4 courses) | | |
| | Business Electives | 24 UOC (4 courses) | | |
| | Law Component | 144 UOC | | |

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2022 Commencing Students
Approved Majors



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Bachelor of Science & Business (3925)



2022 Commencing Students – Single Degree – Major in Anatomy ([ANATA1](#))

Choose from available proposed courses in each year

| Year 1 | | | Year 2 | | | Year 3 | | |
|--|--|---|---|---|----------------------------|---|---|---|
| BABS1201 Molecules, Cells and Genes (T1, T3) | BIOS1101 Evolutionary and Functional Biology (T2) | COMM1170 Organisational Resources (T1, T2, T3) | ANAT2111 Introduct ory Anatomy (T1, T2) | ANAT2241 Histology: Basic and Systematic (T2) | 6 UOC Science Electives | 6 UOC Level 3 Prescribed Electives (See notes 3) | 6 UOC Level 3 Prescribed Electives (See notes 3) | 6 UOC Level 3 Prescribed Electives (See notes 3) |
| CHEM1011 Chemistry 1A (T1, T2, T3) OR CHEM1031 Higher Chemistry 1A (T1) | 6 UOC Mathematics Level 1 Core (See notes 1) | COMM1150 Global Business Environments (T2, T3) | 6 UOC Level 2 Prescribed Electives (See notes 2) | 6 UOC Level 2 Prescribed Electives (See notes 2) | 6 UOC Science Electives | 6 UOC Level 3 Prescribed Electives (See notes 3) | 6 UOC Science Electives | 6 UOC Science Electives |
| COMM1100 Business Decision Making (T1, T2, T3) | COMM1140 Financial Management (Summer, T1, T2, T3) | | 6 UOC Business Electives level 2 or 3 | 6 UOC Business Electives level 2 or 3 | | 6 UOC Business Electives level 3 | 6 UOC Business Electives level 3 | |

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| NOTES | This is intended as a guide only. Courses do not need to be studied in the exact structure that they appear here. |
| | <p>See Program Structure on page 1 for a guide on the terminology and colour codes used in this progression plan.</p> <p>Note 1: Mathematics Level 1 Core: MATH1041 (T1, T2, T3) or MATH1031 (T1, T3) or MATH1131 (T1, T2, T3) or MATH1141 (T1, T3) or MATH1151 (T1)</p> <p>Note 2: Level 2 Prescribed Electives : ANAT2341 (T3), ANAT2521 (Summer, T2), PATH2201(T3), PHSL2101 (T1), PHSL2201 (T2)</p> <p>Note 3: Level 3 Prescribed Electives : ANAT3121 (T1), ANAT3131 (T2), ANAT3141 (T3), ANAT3411 (T1), NEUR3211 (T3), SOMS3232 (T3)</p> <p>Science Electives: See Handbook</p> |

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Bachelor of Science & Business (3925)



2022 Commencing Students – Single Degree – Major in Bioinformatics ([BINFB1](#))

Choose from available proposed courses in each year

| Year 1 | | | Year 2 | | | Year 3 | | |
|--|--|--|---|---|--|--|--|--|
| BABS1201 Molecules, Cells and Genes (T1, T3) | COMP1511 Programming Fundamentals (T1, T2, T3) | CHEM1011 (T1, T2, T3) or CHEM1031 (T1) | COMP2041 Software Construction: Techniques and Tools (T1) | BIOC2101 Principles of Biochemistry (Advanced) (T2) | BINF2010 Introduction to Bioinformatics (T3) | BABS3121 Molecular Biology of Nucleic Acids (T1) | BINF3010 Applied Bioinformatics (T2) | BABS3281 Molecular Frontiers (T3) |
| MATH1131 (T1, T2, T3) or MATH1141 (T1, T3) | CHEM1021 (T1, T3) or CHEM1041 (T2) | MATH1231 (T1, T2, T3) or MATH1241 (T1, T2) | COMP2521 Data Structures and Algorithms (T1, T2, T3) | MATH2801 or MATH2901 (T2) | BIOC2201 Principles of Molecular Biology (Advanced) (T3) | 6 UOC Business Electives level 2 or 3 | 6 UOC Business Electives level 2 or 3 | BINF3020 Computational Bioinformatics (T3) |
| COMM1100 Business Decision Making (T1, T2, T3) | COMM1140 Financial Management (Summer, T1, T2, T3) | | COMM1170 Organisational Resources (T1, T2, T3) | COMM1150 Global Business Environments (T2, T3) | | 6 UOC Business Electives level 3 | 6 UOC Business Electives level 3 | |

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Bachelor of Science & Business (3925)



2022 Commencing Students – Single Degree – Major in Biology ([BIOSJ1](#))

Choose from available proposed courses in each year

| Year 1 | | |
|--|---|---|
| BABS1201 Molecules, Cells and Genes (T1, T3) | BIOS1101 Evolutionary and Functional Biology (T2) | COMM1170 Organisational Resources (T1, T2, T3) |
| BIOS1301 Ecology, Sustainability & Environmental Science (T1) | MATH1041 Stats for Life and Social Sciences (T1, T2, T3) | COMM1150 Global Business Environments (T2, T3) |
| COMM1100 Business Decision Making (T1, T2, T3) | COMM1140 Financial Management (Summer, T1, T2, T3) | |

| Year 2 | | |
|---|--|--|
| BEES2041 Data Analysis for Life and Earth Sciences (T1) | 6 UOC Level 2 Prescribed E lective (See Note 1) | BEES1041 Exploring the Natural World (T3) |
| 6 UOC Level 2 Prescribed E lective (See Note 1) | 6 UOC Science Elective | 6 UOC Level 2 Prescribed E lective (See Note 1) |
| 6 UOC Business Electives level 2 or 3 | 6 UOC Business Electives level 2 or 3 | |

| Year 3 | | |
|--|--|--|
| BIOS3171 Evolution (T3) | 6 UOC Biology Elective Level 3 (See Notes 2) | 6 UOC Biology Elective Level 3 (See Notes 2) |
| 6 UOC Biology Elective Level 3 (See Notes 2) | 6 UOC Science Elective | 6 UOC Science Elective |
| 6 UOC Business Electives level 3 | 6 UOC Business Electives level 3 | |

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| NOTES | This is intended as a guide only. Courses do not need to be studied in the exact structure that they appear here. |
| | See Program Structure on page 1 for a guide on the terminology and colour codes used in this progression plan. |
| | Note 1: Level 2 Prescribed Electives: BIOS2011 (T1), BIOS2500 (T2), BIOS2061 (T2), BIOS2031 (T3), BIOS2051 (T3), BIOS2123 (T3), Note 2: Level 3 Prescribed Electives: GEOS3911 (T1), BIOS3601 (T1), BIOS3081 (T1), BIOS6723 (T2), BEES3041 (T2), BIOS3011 (T2), BIOS3061 (T2), BIOS3161 (T2), BIOS3221 (T3), BIOS6671 (T3) |

Science

Bachelor of Science & Business (3925)



2022 Commencing Students – Single Degree – Major in Biotechnology ([BIOTA1](#))

Choose from available proposed courses in each year

| Year 1 | | | Year 2 | | | Year 3 | | |
|---|--|---|---|---|--|---|--|--|
| BABS1201 Molecules, Cells and Genes (T1, T3) | BABS1202 Applied Biomolecular Sciences (T2) | COMM1170 Organisational Resources (T1, T2, T3) | BABS2011 Current Trends in Biotechnology (T1) | BIOC2101 Principles of Biochemistry (Advanced) (T2) | BIOC2201 Principles of Molecular Biology (Advanced) (T3) | BABS3071 Commercial Biotechnology (T1) | BABS3031 Biotechnology and Bioengineering (T2) | BABS3061 Medical Biotechnology (T3) |
| CHEM1011 (T1, T2, T3) or CHEM1031 (T1) | CHEM1021 (T1, T2, T3) or CHEM1041 (T2) | COMM1150 Global Business Environments (T2, T3) | MATH1031 (T1, T3) or MATH1131 (T1, T2, T3) or MATH1141 (T1, T3) | MATH1041 (T1, T2, T3) or MATH1231 (T1, T2, T3) or MATH1241 (T1, T2) | 6 UOC Science Elective | MICR2011 Microbiology 1 (T1) | 6 UOC Science Elective | BABS3200 Synthetic Biology (T3) |
| COMM1100 Business Decision Making (T1, T2, T3) | COMM1140 Financial Management (Summer, T1, T2, T3) | | 6 UOC Business Electives level 2 or 3 | 6 UOC Business Electives level 2 or 3 | | 6 UOC Business Electives level 3 | 6 UOC Business Electives level 3 | |

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2022 Commencing Students – Single Degree – Major in Chemistry ([CHEMA1](#))

Choose from available proposed courses in each year

| Year 1 | | | Year 2 | | | Year 3 | | |
|---|---|--|---|--|---|-----------------------------------|-----------------------------------|-----------------------------------|
| MATH1031 (T1, T3) or MATH1131 (T1, T2, T3) or MATH1141 (T1, T3) | MATH1041 (T1, T2, T3) or MATH1231 (T1, T2, T3) or MATH1241 (T1, T2) | COMM1170 Organisational Resources (T1, T2, T3) | PHYS1111 (T1, T3) or PHYS1121 (T1, T2, T3) or PHYS1131 (T1, T2, T3) | CHEM2011 Physical Chemistry: Molecules, Energy and Change (T2) | CHEM2031 Inorganic Chemistry: The Elements (T3) | 6 UOC Level 3 Prescribed Elective | 6 UOC Level 3 Prescribed Elective | 6 UOC Level 3 Prescribed Elective |
| CHEM1011 (T1, T2, T3) or CHEM1031 (T1) | CHEM1021 (T1, T2, T3) or CHEM1041 (T2) | COMM1150 Global Business Environments (T2, T3) | CHEM2041 Analytical Chemistry: Essential Methods (T1, T3) | CHEM2021 Organic Chemistry: Mechanisms and Biomolecules (T2) | 6 UOC Science Elective | 6 UOC Level 3 Prescribed Elective | 6 UOC Science Elective | 6 UOC Science Elective |
| COMM1100 Business Decision Making (T1, T2, T3) | COMM1140 Financial Management (Summer, T1, T2, T3) | | 6 UOC Business Electives level 2 or 3 | 6 UOC Business Electives level 2 or 3 | | 6 UOC Business Electives level 3 | 6 UOC Business Electives level 3 | |

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See Program Structure on page 1 for a guide on the terminology and colour codes used in this progression plan.
Level 3 Prescribed Electives: CHEM3021 (T1), CHEM3061 (T1), CHEM3031 (T2), CHEM6041 (T2), CHEM3071 (T3), CHEM3011 (T3)

Science

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2022 Commencing Students – Single Degree – Major in Earth Science ([GEOLS1](#))

Choose from available proposed courses in each year

| Year 1 | | | Year 2 | | | Year 3 | | |
|--|---|--|--|---|--|--|--|---|
| GEOS1211 Earth and Environmental Science (T1) | COMM1170 Organisational Resources (T1, T2, T3) | GEOS1111 Investigating Earth and Its Evolution (T3) | BEES2041 Data Analysis for Life and Earth Sciences (T1) | GEOS2181 Earth Materials (T2) | GEOS2131 Field Methods and Mapping (T3) | GEOS3171 Earth Structures (T1) | 6 UOC Earth Science Elective Level 3 (See Notes 3) | GEOS3141 Mineral and Energy Resources (T3) |
| MATH1041 Statistics for Life and Social Sciences (T1, T2, T3) | COMM1150 Global Business Environments (T2, T3) | BEES1041 Exploring the Natural World (T3) | 6 UOC Level 2 Prescribed Elective (See Note 1) | GEOS2821 Introduction to GIS and Remote Sensing (T2) | 6 UOC Science Elective | 6 UOC Level 3 Prescribed Elective (See Note 2) | 6 UOC Science Elective | 6 UOC Science Elective |
| COMM1100 Business Decision Making (T1, T2, T3) | COMM1140 Financial Management (Summer, T1, T2, T3) | | 6 UOC Business Electives level 2 or 3 | 6 UOC Business Electives level 2 or 3 | | 6 UOC Business Electives level 3 | 6 UOC Business Electives level 3 | |

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| NOTES | This is intended as a guide only. Courses do not need to be studied in the exact structure that they appear here. |
| | See Program Structure on page 1 for a guide on the terminology and colour codes used in this progression plan. |
| | Note 1: Level 2 Earth Science Prescribed Electives: GEOS2291 (T1), BEES2741 (T2), MERE2001 (T2), MERE2002 (T2), GEOS2721 (T3) Note 2: Level 3 Earth Science Prescribed Electives: GEOS3821 (T1), GEOS3911 (T1), GEOS3281 (T2), GEOS3761 (T2), BEES6741 (T3) |

Science

Bachelor of Science & Business (3925)



2022 Commencing Students – Single Degree – Major in Ecology ([BIOSG1](#))

Choose from available proposed courses in each year

| Year 1 | | |
|--|--|---|
| BIOS1301 Ecology, Sustainability & Environmental Science (T1) | BIOS1101 Evolutionary & Functional Biology (T2) | COMM1170 Organisational Resources (T1, T2, T3) |
| MATH1041 Stats for Life & Social Sciences (T1, T2, T3) | GEOS1701 Environmental Systems, Processes & Issues (T2) | COMM1150 Global Business Environments (T2, T3) |
| COMM1100 Business Decision Making (T1, T2, T3) | COMM1140 Financial Management (Summer, T1, T2, T3) | |

| Year 2 | | |
|--|--|---|
| BEES2041 Data Analysis for Life and Earth Sciences (T1) | GEOS2711 Australian Climate and Vegetation (T2) | BEES1041 Exploring the Natural World (T3) |
| BIOS2011 Evolutionary and Physiological Ecology (T1) | 6 UOC Science Elective | 6 UOC Level 2 Prescribed Elective (See Notes 1) |
| 6 UOC Business Electives level 2 or 3 | 6 UOC Business Electives level 2 or 3 | |

| Year 3 | | |
|---|---|---|
| BIOS3601 Advanced Field Biology (T1) | 6 UOC Level 3 Prescribed Elective (See Notes 2) | BIOS6671 Biodiversity and Conservation of Natural Resources (T3) |
| 6 UOC Science Elective | 6 UOC Science Elective | BIOS3061 Plant Ecology (T3) |
| 6 UOC Business Electives level 3 | 6 UOC Business Electives level 3 | |

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| | See Program Structure on page 1 for a guide on the terminology and colour codes used in this progression plan. |
| | Note 1: Level 2 Ecology Prescribed Electives: BIOS2061 (T2), GEOS2821 (T2), BIOS2031 (T3), BIOS2051 (T3), BIOS2123 (T3), • Students who wish to take GEOS2821 are required to take one of GEOS1111 OR GEOS1211 as a science elective. |
| | Note 2: Level 3 Ecology Prescribed Electives: GEOS3911 (T1), BIOS3081 (T1), BIOS3161 (T1), BEES3041 (T2), BIOS3011 (T2), BIOS6723 (T2), BIOS3171 (T3) |

Science

Bachelor of Science & Business (3925)



2022 Commencing Students – Single Degree – Major in Food Science ([FOODH1](#))

Choose from available proposed courses in each year

| Year 1 | | |
|---|--|---|
| BABS1201 Molecules, Cells and Genes (T1, T3) | CHEM1011 (T1, T2, T3) OR CHEM1031 (T1) OR CHEM1811 (T1) | CHEM1021 (T1, T2, T3) OR CHEM1041 (T2) OR CHEM181 (T2) |
| FOOD1120 Introduction to Food Science (T1) | COMM1140 Financial Management (Summer, T1, T2, T3) | COMM1170 Organisational Resources (T1, T2, T3) |
| COMM1100 Business Decision Making (T1, T2, T3) | COMM1150 Global Business Environments (T2, T3) | |

| Year 2 | | |
|--|---|---|
| MATH1131 (T1, T2, T3) OR MATH1031 (T1, T3) | BIOC2181 (T2) OR BIOC2101 (T2) | FOOD2320 Food Microbiology (T3) |
| CHEM2921 Food Chemistry (T1) | 6 UOC Science Elective | 6 UOC Business Electives level 2 or 3 |
| MICR2011 Microbiology 1 (T1) | 6 UOC Business Electives level 2 or 3 | |

| Year 3 | | |
|--|---|---|
| FOOD3010 Food Products and Ingredients Technology (T1) | 6 UOC Discipline Elective (See notes 1) | 6 UOC Discipline Elective (See notes 1) |
| 6 UOC Science Elective | 6 UOC Science Elective | 6 UOC Science Elective |
| 6 UOC Business Electives level 3 | 6 UOC Business Electives level 3 | |

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| | See Program Structure on page 1 for a guide on the terminology and colour codes used in this progression plan. |
| | Note 1: Discipline Electives: FOOD3020 (T1), FOOD3220 (T1), FOOD3030 (T2), FOOD4110 (T3) |

Bachelor of Science & Business (3925)



2022 Commencing Students – Single Degree – Major in Genetics ([BIOCC1](#))

Choose from available proposed courses in each year

| Year 1 | | | Year 2 | | | Year 3 | | |
|---|--|---|---|---|--|---|--|--|
| BABS1201 Molecules, Cells and Genes (T1, T3) | BABS1202 Applied Biomolecular Sciences (T2) | COMM1170 Organisational Resources (T1, T2, T3) | CHEM1021 (T1, T2, T3) OR CHEM1041 (T2) | BABS2202 Molecular Cell Biology 1 (T2) | BIOC2201 Principles of Molecular Biology (Advanced) (T3) | MICR2011 Microbiology 1 (T1) | 6 UOC Level 3 Prescribed Elective (See Note 1) | 6 UOC Level 3 Prescribed Elective (See Note 1) |
| MATH1131 (T1, T2, T3) OR MATH1141 (T1, T3) OR MATH1031 (T1, T3) | COMM1100 Business Decision Making (T1, T2, T3) | COMM1150 Global Business Environments (T2, T3) | MATH1231 (T1, T2, T3) OR MATH1241 (T1, T2) OR MATH1041 (T1, T2, T3) | BIOC2101 (T2) OR BINF2010 (T3) | BABS2204 (T3) OR BABS2264 (T3) | BABS3121 Molecular Biology of Nucleic Acids (T1) | 6 UOC Science Elective | 6 UOC Business Electives level 3 |
| CHEM1011 (T1, T2, T3) OR CHEM1031 (T1) | COMM1140 Financial Management (Summer, T1, T2, T3) | | 6 UOC Business Electives level 2 or 3 | 6 UOC Business Electives level 2 or 3 | | BABS3291 Genes, Genomes and Evolution (T1) | 6 UOC Business Electives level 3 | |

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Note 1: Level 3 Prescribed Electives: BABS3151 (T2), BINF3010 (T2), MICR3621 (T3), BABS3021 (T3)

Science

Bachelor of Science & Business (3925)



2022 Commencing Students – Single Degree – Major in Geography ([GEOGG1](#))

Choose from available proposed courses in each year

| Year 1 | | | Year 2 | | | Year 3 | | |
|--|--|---|--|---|---|--|--|--|
| BIOS1301 Ecology, Sustainability and Environmental Science (T1) | GEOS1701 Environmental Systems, Processes and Issues (T2) | COMM1170 Organisational Resources (T1, T2, T3) | BEES2041 Data Analysis for Life and Earth Sciences (T1) | GEOS2711 Australian Climate and Vegetation (T2) | GEOS2721 Australian Physical Environments (T2) | GEOS3911 Environmental Impact Assessment (T1) | GEOS3761 Environmental Change (T2) | GEOS3921 Coastal Resource Management (T3) |
| MATH1041 Statistics for Life and Social Sciences (T1, T2, T3) | COMM1150 Global Business Environments (T2, T3) | BEES1041 Exploring the Natural World (T3) | 6 UOC Science Elective | GEOS2821 Introduction to GIS and Remote Sensing (T2) | 6 UOC Level 2 Geography Elective (see Notes 2) | 6 UOC Science Elective | 6 UOC Level 3 Geography Elective (see Notes 3) | 6 UOC Science Elective |
| COMM1100 Business Decision Making (T1, T2, T3) | COMM1140 Financial Management (Summer, T1, T2, T3) | | 6 UOC Business Electives level 2 or 3 | 6 UOC Business Electives level 2 or 3 | | 6 UOC Business Electives level 3 | 6 UOC Business Electives level 3 | |

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| | 2. Level 2 Geography Elective: GEOS2241 (T1), GEOS2291 (T3) 3. Level 3 Geography Elective: BEES3041 (T2), GEOS3811, GEOS3731 (T3), GEOS3821 (T1), GEOS6733 |

Science

Bachelor of Science & Business (3925)



2022 Commencing Students – Single Degree – Major in Immunology ([MICRJ1](#))

Choose from available proposed courses in each year

| Year 1 | | | Year 2 | | | Year 3 | | |
|---|--|---|---|--|---|--|--|---|
| BABS1201 Molecules, Cells and Genes (T1, T3) | BIOS1101 Evolutionary and Functional Biology (T2) | COMM1170 Organisational Resources (T1, T2, T3) | MICR2011 Microbiology 1 (T1) | ANAT2241 Histology: Basic and Systematic (T2) | PATH2201 Processes in Disease (T3) | BABS3041 Immunology (T1) | 6 UOC Science Elective | PATH3209 Clinical Immunology (T3) |
| CHEM1011 (T1, T2, T3) OR CHEM1031 (T1) | CHEM1021 (T1, T2, T3) OR CHEM1041 (T2) | COMM1150 Global Business Environments (T2, T3) | 6 UOC Science Elective | BABS2202 Molecular Cell Biology 1 (T2) | 6 UOC Business Electives level 2 or 3 | PATH3205 (T1) OR BABS3081 (T2) OR MICR3061 (T3) | 6 UOC Science Elective | 6 UOC Science Elective |
| COMM1100 Business Decision Making (T1, T2, T3) | COMM1140 Financial Management (Summer, T1, T2, T3) | | 6 UOC Business Electives level 2 or 3 | BIOC2101 Principles of Biochemistry (Advanced) (T2) | | 6 UOC Business Electives level 3 | 6 UOC Business Electives level 3 | |

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Science

Bachelor of Science & Business (3925)



2022 Commencing Students – Single Degree – Major in Materials Science ([MATSB1](#))

Choose from available proposed courses in each year

| Year 1 | | | Year 2 | | | Year 3 | | |
|---|---|---|---|--|---|--|--|------------------------|
| MATS1192 Design and Application of Materials in Science and Engineering (T1, T3) | MATH1231 (T1, T2, T3) OR MATH1241 (T1, T2) | COMM1170 Organisational Resources (T1, T2, T3) | MATS2001 Physical Properties of Materials (T1) | MATS2008 Thermodynamics and Phase Equilibria (T2) | MATS2006 Diffusion and Kinetics (T3) | MATS3001 Micromechanisms of Mechanical Behaviour of Metals (T1) | MATS3004 Polymer Science and Engineering 1 (T2) | 6 UOC Science Elective |
| CHEM1011 (T1, T2, T3) OR CHEM1031 (T1) | PHYS1121 (T1, T2, T3) OR PHYS1131 (T1, T2, T3) | COMM1150 Global Business Environments (T2, T3) | MATS2003 Materials Characterisation (T1) | MATS2004 Mechanical Behaviour of Materials (T2) | 6 UOC Business Electives level 2 or 3 | MATS3002 Fundamentals of Ceramic Processing (T1) | 6 UOC Science Elective | 6 UOC Science Elective |
| MATH1131 (T1, T2, T3) OR MATH1141 (T1, T3) | COMM1140 Financial Management (Summer, T1, T2, T3) | | COMM1100 Business Decision Making (T1, T2, T3) | 6 UOC Business Electives level 2 or 3 | | 6 UOC Business Electives level 3 | 6 UOC Business Electives level 3 | |

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See Program Structure on page 1 for a guide on the terminology and colour codes used in this progression plan

Science

Bachelor of Science & Business (3925)



2022 Commencing Students – Single Degree – Major in Mathematics ([MATHM1](#))

Choose from available proposed courses in each year

| Year 1 | | | Year 2 | | | Year 3 | | |
|---|---|--|---|---|--|---|---|---|
| MATH1131 Maths 1A(T1, T2, T3) OR MATH1141 Higher Maths 1A (T1, T3) | MATH1231 Maths 1B (T1, T2, T3) or MATH1241 Higher Maths 1B (T1, T2) | COMM1170 Organisational Resources (T1, T2, T3) | MATH2011 Several Variable Calculus or MATH2111 Higher Several Variable Calculus (T1) | MATH2501 Linear Algebra or MATH2601 Higher Linear Algebra (T2) | 6 UOC Science Elective | 6 UOC Level 3 Non-Statistics Prescribed Electives | 6 UOC Level 3 Non-Statistics Prescribed Electives | 6 UOC Science Elective |
| 6 UOC Science Elective | 6 UOC Science Elective | COMM1150 Global Business Environments (T2, T3) | 6 UOC Business Electives level 2 or 3 | MATH2801 Theory of Statistics or MATH2901 Higher Theory of Statistics (T2) | MATH2521 Complex Analysis or Higher Complex Analysis MATH2621 (T3) | 6 UOC Science Elective | 6 UOC Science Elective | 6 UOC of Any Level 3 or above Math Course |
| COMM1100 Business Decision Making (T1, T2, T3) | COMM1140 Financial Management (Summer, T1, T2, T3) | | 6 UOC Business Electives level 2 or 3 | MATH2121 or MATH2221 (T2) | | 6 UOC Business Electives level 3 | 6 UOC Business Electives level 3 | |

NOTES

This is intended as a guide only. Courses do not need to be studied in the exact structure that they appear here.

See Program Structure on page 1 for a guide on the terminology and colour codes used in this progression plan.

Note: Courses numbered from MATH3000 to MATH3799 or MATH6700 to MATH6899 (inclusive) are non-statistics Mathematics courses

Science

Bachelor of Science & Business (3925)



2022 Commencing Students – Single Degree – Major in Marine and Coastal Science ([MSCIM1](#))

Choose from available proposed courses in each year

| Year 1 | | | Year 2 | | | Year 3 | | |
|--|--|---|---|--|---|--|--|--|
| BABS1201 Molecules, Cells and Genes (T1, T3) | MSCI1001 Introductory Marine Science (T2) | BEES1041 Exploring the Natural World (T3) | BEES2041 Data Analysis for Life and Earth Sciences (T1) | GEOS2821 Introduction to GIS and Remote Sensing (T2) | BIOS2091 Marine and Aquatic Ecology (T3) | BIOS3081 Ocean to Estuarine Ecosystems (T1) | MSCI3001 Physical Oceanography (T2) | Level 3 Prescribed Elective (See Note 1) |
| MATH1041 Statistics for Life and Social Sciences (T1, T2, T3) | COMM1170 Organisational Resources (T1, T2, T3) | COMM1150 Global Business Environments (T2, T3) | BIOS1301 (T1) OR GEOS1701 (T2) | BIOS1101 Evolutionary and Functional Biology (T2) | BIOS2031 Biology of Invertebrates (T3) | 6 UOC Science Elective | 6 UOC Science Elective | 6 UOC Science Elective |
| COMM1100 Business Decision Making (T1, T2, T3) | COMM1140 Financial Management (Summer, T1, T2, T3) | | 6 UOC Business Electives level 2 or 3 | 6 UOC Business Electives level 2 or 3 | | 6 UOC Business Electives level 3 | 6 UOC Business Electives level 3 | |

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| NOTES | This is intended as a guide only. Courses do not need to be studied in the exact structure that they appear here. |
| | See Program Structure on page 1 for a guide on the terminology and colour codes used in this progression plan. |
| | Note 1: Level 3 Prescribed Electives: GEOS3911 (T1), GEOS3731 (T3), GEOS3921 (T3) |

Bachelor of Science & Business (3925)



2022 Commencing Students – Single Degree – Major in Microbiology ([MICRB1](#))

Choose from available proposed courses in each year

| Year 1 | | | Year 2 | | | Year 3 | | |
|---|---|---|--|--|---|--|--|--|
| BABS1201 Molecules, Cells and Genes (T1, T3) | BABS1202 Applied Biomolecular Sciences (T2) | CHEM1021 (T1, T3) or CHEM1041 (T2) | MICR2011 Microbiology 1 (T1) | BABS2202 Molecular Cell Biology 1 (T2) | BIOC2201 Principles of Molecular Biology (Advanced) (T3) | 6 UOC from Level 3 Prescribed Electives (See notes 4) | 6 UOC from Level 3 Prescribed Electives (See notes 4) | 6 UOC from Level 3 Prescribed Electives (See notes 4) |
| CHEM1011 (T1, T2, T3) or CHEM1031 (T1) | 6 UOC Mathematics Level 1 Core (See notes 2) | COMM1150 Global Business Environments (T2, T3) | 6 UOC from Level 2 Prescribed Electives (See notes 3) | 6 UOC Science Elective | 6 UOC Science Elective | 6 UOC Business Electives level 2 or 3 | 6 UOC Business Electives level 2 or 3 | 6 UOC from Level 3 Prescribed Electives (See notes 4) |
| 6 UOC Mathematics Level 1 Core (See notes 1) | COMM1100 Business Decision Making (T1, T2, T3) | | COMM1170 Organisational Resources (T1, T2, T3) | COMM1140 Financial Management (Summer, T1, T2, T3) | | 6 UOC Business Electives level 3 | 6 UOC Business Electives level 3 | |

NOTES

This is intended as a guide only. Courses do not need to be studied in the exact structure that they appear here.

See Program Structure on page 1 for a guide on the terminology and colour codes used in this progression plan.

Note 1: 6 UOC Mathematics level 1 Core: MATH1031 (T1, T3) or MATH1131 (T1, T2, T3) or MATH1141 (T1, T3)

Note 2: 6 UOC Mathematics level 1 Core: MATH1041 (T1, T2, T3) or MATH1231 (T1, T2, T3) or MATH1241 (T1, T2)

Note 3: 6 UOC from Level 2 Prescribed Electives: BIOC2101 (T2), BABS2204 (or BABS2264) (T3)

Note 4: 6 UOC from Level 3 Prescribed Electives: BABS3081 (T2), MICR3061 (T3), MICR3071 (T1), BABS3041 (T1), BABS3021 (or MICR3621) (T3), BABS3061 (T3), BABS3200 (T3)

Science

Bachelor of Science & Business (3925)



2022 Commencing Students – Single Degree – Major in Molecular and Cell Biology ([BIOCM1](#))

Choose from available proposed courses in each year

| Year 1 | | | Year 2 | | | Year 3 | | |
|---|--|---|---|---|--|---|--|---|
| BABS1201 Molecules, Cells and Genes (T1, T3) | BABS1202 Applied Biomolecular Sciences (T2) | COMM1170 Organisational Resources (T1, T2, T3) | CHEM1021 (T1, T2, T3) OR CHEM1041 (T2) OR CHEM181 (T2) | BABS2202 Molecular Cell Biology 1 (T2) | BIOC2201 Principles of Molecular Biology (Advanced) (T3) | BABS3121 Molecular Biology of Nucleic Acids (T1) | BIOC3111 Molecular Biology of Proteins (T2) | BIOC3261 Human Biochemistry (T3) |
| MATH1131 (T1, T2, T3) OR MATH1141 (T1, T3) OR MATH1031 (T1, T3) | COMM1100 Business Decision Making (T1, T2, T3) | COMM1150 Global Business Environments (T2, T3) | MATH1231 (T1, T2, T3) OR MATH1241 (T1, T2) OR MATH1041 (T1, T2, T3) | BIOC2101 Principles of Biochemistry (Advanced) (T2) | BABS2204 (T3) OR BABS2264 (T3) OR MICR2011 (T1) | 6 UOC Science Elective | BIOC3271 (T2) OR BIOC3671 (T2) | 6 UOC Science Elective |
| CHEM1011 (T1, T2, T3) OR CHEM1031 (T1) OR CHEM1811 (T1) | COMM1140 Financial Management (Summer, T1, T2, T3) | | 6 UOC Business Electives level 2 or 3 | 6 UOC Business Electives level 2 or 3 | | 6 UOC Business Electives level 3 | 6 UOC Business Electives level 3 | |

NOTES

This is intended as a guide only. Courses do not need to be studied in the exact structure that they appear here.

See Program Structure on page 1 for a guide on the terminology and colour codes used in this progression plan.

Science

Bachelor of Science & Business (3925)



2022 Commencing Students – Single Degree – Major in Neuroscience ([NEURS1](#))

Choose from available proposed courses in each year

| Year 1 | | | Year 2 | | | Year 3 | | |
|--|---|--|---|---|---|---|---|---|
| BABS1201 Molecules, Cells and Genes (T1, T3) | CHEM1011 (T1, T2, T3) OR CHEM1031 (T1) | COMM1170 Organisational Resources (T1, T2, T3) | PHSL2101 Physiology 1A (T1) | NEUR2201 Neuroscience Fundamentals (T2) | 6 UOC Level 2 Prescribed Elective (See Note 2) | 6 UOC Level 3 Prescribed Elective (See Note 3) | 6 UOC Level 3 Prescribed Elective (See Note 3) | 6 UOC Level 3 Prescribed Elective (See Note 3) |
| PSYC1001 Psychology 1A (T1, T2) | MATH1041 Stats for Life & Social Sciences (T1, T2, T3) | COMM1150 Global Business Environments (T2, T3) | 6 UOC Level 1 Prescribed Elective (See Note 1) | PSYC1011 Psychology 1B (T2, T3) | 6 UOC Level 2 Prescribed Elective (See Note 2) | 6 UOC Level 2 Prescribed Elective (See Note 2) | 6 UOC Science Elective | 6 UOC Science Elective |
| COMM1100 Business Decision Making (T1, T2, T3) | COMM1140 Financial Management (Summer, T1, T2, T3) | | 6 UOC Business Electives level 2 or 3 | 6 UOC Business Electives level 2 or 3 | | 6 UOC Business Electives level 3 | 6 UOC Business Electives level 3 | |

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| NOTES | This is intended as a guide only. Courses do not need to be studied in the exact structure that they appear here. |
| | See Program Structure on page 1 for a guide on the terminology and colour codes used in this progression plan. |
| | Note 1: Level 1 Prescribed Electives: CHEM1021 (T1, T2, T3), CHEM1041 (T2), BIOS1101 (T2), PSYC1111 (T3) |
| | Note 2: Level 2 Prescribed Electives: ANAT2111 (T1, T2), PSYC2001 (T1), PSYC2081 (T2), ANAT2511 (T3), PHAR2011 (T3) Note 3: Level 3 Prescribed Electives: ANAT3411 (T1), NEUR3121 (T1), PHAR3202 (T2), PSYC3051 (T2) |

Science

Bachelor of Science & Business (3925)



2022 Commencing Students – Single Degree – Major in Pathology ([PATHA1](#))

Choose from available proposed courses in each year

| Year 1 | | |
|---|---|---|
| BABS1201 Molecules, Cells and Genes (T1, T3) | BIOS1101 Evolutionary and Functional Biology (T2) | COMM1170 Organisational Resources (T1, T2, T3) |
| CHEM1011 Chemistry 1A (T1, T2, T3) or Higher Chemistry 1A (T1) | CHEM1021 Chemistry 1B (T1, T2, T3) or Higher Chemistry 1B (T2) | COMM1150 Global Business Environments (T2, T3) |
| COMM1100 Business Decision Making (T1, T2, T3) | COMM1140 Financial Management (Summer, T1, T2, T3) | |

| Year 2 | | |
|--|--|---------------------------------------|
| 6 UOC Science Elective | ANAT2241 Histology: Basic and Systematic (T2) | PATH2201 Processes in Disease (T3) |
| 6 UOC Level 2 Prescribed Elective (See Note 1) | BIOC2101 or BIOC2181 (T2) | 6 UOC Science Elective |
| 6 UOC Business Electives level 2 or 3 | 6 UOC Business Electives level 2 or 3 | |

| Year 3 | | |
|--|-----------------------------------|------------------------|
| PATH3205 Molecular Basis of Disease (T1) | PATH3206 Cancer Pathology (T2) | 6 UOC Science Elective |
| 6 UOC Level 3 Prescribed Elective (See Note 2) | 6 UOC Science Elective | 6 UOC Science Elective |
| 6 UOC Business Electives level 3 | 6 UOC Business Electives level 3 | |

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| NOTES | <p>This is intended as a guide only. Courses do not need to be studied in the exact structure that they appear here. See Program Structure on page 1 for a guide on the terminology and colour codes used in this progression plan.</p> <p>Note 1: ANAT2111 (T1), BABS2202 (T2), MICR2011 (T1)</p> <p>Note 2: BABS34041 (T1), PATH3207 (T3), SOMS3232 (T2), PATH3210 (T1), PATH3209 (T3)</p> |
|--------------|--|

Science

Bachelor of Science & Business (3925)



2022 Commencing Students – Single Degree – Major in Pharmacology ([PHARA1](#))

Choose from available proposed courses in each year

| Year 1 | | | Year 2 | | | Year 3 | | |
|---|---|--|---------------------------------------|--|--|--|--|------------------------|
| BABS1201 Molecules, Cells and Genes (T1, T3) | MATH1031 (T1,T3) or MATH1041 (T1, T2, T3) or MATH1131 (T1,T2,T3) or MATH1141 (T1,T3) or MATH1151 (T1) | COMM1170 Organisational Resources (T1, T2, T3) | 6 UOC Science Elective BIOS#####^ | 6 UOC Science Elective | PHAR2011 Introductory Pharmacology and Toxicology (T3) | 6 UOC Level 3 Prescribed Elective (See Note 2) | 6 UOC Level 3 Prescribed Elective (See Note 2) | 6 UOC Science elective |
| CHEM1011 Chemistry 1A (T1, T2, T3) or CHEM1031 Higher Chemistry 1A (T1) | CHEM1021 Chemistry 1 (T1, T2, T3) or CHEM1041 Higher Chemistry 1B (T2) | COMM1150 Global Business Environments (T2, T3) | PHSL2101 Physiology 1A (T1) | 6 UOC Level 2 Prescribed Elective (See Note 1) | 6 UOC Level 2 Prescribed Elective (See Note 1) | 6 UOC Level 3 Prescribed Elective (See Note 2) | 6 UOC Science elective | 6 UOC Science elective |
| COMM1100 Business Decision Making (T1, T2, T3) | COMM1140 Financial Management (Summer, T1, T2, T3) | | 6 UOC Business Electives level 2 or 3 | 6 UOC Business Electives level 2 or 3 | | 6 UOC Business Electives level 3 | 6 UOC Business Electives level 3 | |

NOTES

This is intended as a guide only. Courses do not need to be studied in the exact structure that they appear here. See Program Structure on page 1 for a guide on the terminology and colour codes used in this progression plan.
 ^ Note: Students must complete at least 6 UOC of courses with the course code BABS####, and at least 6 UOC of courses with the course code BIOS####.
 Note 1: PHSL2101 (T1), BABS2202 (T2), BIOC2101 OR BIOC2181 (T2), BIOC2201 (T3), CHEM2021 (T2), CHEM2041 (T1,T3)
 Note 2: PHAR3101 (T3), PHAR3102 (T1), PHAR3202 (T2), PHAR3251 (T1)

Science

Bachelor of Science & Business (3925)



2022 Commencing Students – Single Degree – Major in Physical Oceanography ([MATHN1](#))

Choose from available proposed courses in each year

| Year 1 | | | Year 2 | | | Year 3 | | |
|--|--|--|---|---------------------------------------|---------------------------------------|---|---|--|
| MATH1131 (T1, T2, T3) OR MATH1141 (T1, T3) | MATH1231 (T1, T2, T3) OR MATH1241 (T1, T2) | PHYS1221 (T1, T3) OR PHYS1231 (T1, T3) | MATH2241 Introduction to Atmosphere and Ocean Dynamics (T1) | MATH2121 (T2) OR MATH2221 (T2) | 6 UOC Science Elective | MATH3121 Mathematical Methods and Partial Differential Equations (T1) | MATH3041 Mathematical Modelling for Real World Systems (T2) | MATH3261 Fluids, Oceans and Climate (T3) |
| PHYS1121 (T1, T2, T3) OR PHYS1131 (T1, T2, T3) | COMM1170 Organisational Resources (T1, T2, T3) | COMM1150 Global Business Environments (T2, T3) | MATH2301 Mathematical Computing (T1) | 6 UOC Business Electives level 2 or 3 | 6 UOC Business Electives level 2 or 3 | 6 UOC Science Elective | 6 UOC Science Elective | 6 UOC Science Elective |
| COMM1100 Business Decision Making (T1, T2, T3) | COMM1140 Financial Management (Summer, T1, T2, T3) | | MATH2011 (T1) OR MATH2111 (T1) | 6 UOC Science Elective | | 6 UOC Business Electives level 3 | 6 UOC Business Electives level 3 | |

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| | See Program Structure on page 1 for a guide on the terminology and colour codes used in this progression plan. |

Science

Bachelor of Science & Business (3925)

2022 Commencing Students – Single Degree – Major in Physics ([PHYSL1](#))

Choose from available proposed courses in each year



| Year 1 | | |
|---|--|--|
| PHYS1121 (T1, T2, T3) or PHYS1131 (T1, T2, T3) or PHYS1141 (T1) | MATH1131, Maths 1A (T1, T2, T3) or MATH1141 Higher Maths 1A (T1, T3) | MATH2069 Mathematics 2A (T3) |
| PHYS1221 (T1, T3) or PHYS1231 (T1, T3), PHYS1241 (T2) | MATH1231 Maths 1B (T1, T2, T3) or MATH1241 Higher Maths 1B (T1, T2) | COMM1150 Global Business Environments (T2, T3) |
| COMM1100 Business Decision Making (T1, T2, T3) | COMM1140 Financial Management (Summer, T1, T2, T3) | |

| Year 2 | | |
|---|--|--|
| PHYS2111 Quantum Physics (T1) | 6 UOC Physics Level 2 or 3 Electives (See Note 1) | COMM1170 Organisational Resources (T1, T2, T3) |
| MATH2089 Numerical Methods and Statistics (T1, T2) | PHYS2114 Electromagnetism (T2) | 6 UOC Science Elective |
| 6 UOC Business Electives level 2 or 3 | 6 UOC Business Electives level 2 or 3 | |

| Year 3 | | |
|--|--|---------------------------|
| PHYS3112 Experimental and Computational Physics (T1) | PHYS3111 Quantum Mechanics (T2) | 6 UOC Science Elective |
| PHYS3113 Thermal Physics and Statistical Mechanics (T1) | 6 UOC Physics Level 2 or 3 Electives (See Note 1) | 6 UOC Science Elective |
| 6 UOC Business Electives level 3 | 6 UOC Business Electives level 3 | |

NOTES

This is intended as a guide only. Courses do not need to be studied in the exact structure that they appear here. See Program Structure on page 1 for a guide on the terminology and colour codes used in this progression plan.

Note 1: PHYS2113(T2), PHYS2801 (T1), PHYS3114* (T3), PHYS3115 (T3), PHYS3116 (T3), PHYS3117 (T3), PHYS3118 (T2)

*: Students who wish to take honours in Physics must take PHYS3114 Electrodynamics as one of their Physics electives.

Bachelor of Science & Business (3925)



2022 Commencing Students – Single Degree – Major in Physiology ([PHSLA1](#))

Choose from available proposed courses in each year

| Year 1 | | | Year 2 | | | Year 3 | | |
|---|--|---|---|---|--------------------------------------|--|--|--------------------------------------|
| BABS1201 Molecules, Cells and Genes (T1, T3) | 6 UOC Level 1 Prescribed Elective | COMM1170 Organisational Resources (T1, T2, T3) | PHSL2101 Physiology 1A (T1) | PHSL2201 Physiology 1B (T2) | 6 UOC Level 2 Prescribed Elective | 6 UOC Level 3 Prescribed Elective | 6 UOC Level 3 Prescribed Elective | 6 UOC Level 3 Prescribed Elective |
| CHEM1011 (T1, T2, T3) or CHEM1031 (T1) | MATH1031 (T1, T3) or MATH1041 (T1, T2, T3) or MATH1131 (T1, T2, T3) or MATH1141 (T1, T3) or MATH1151 (T1) | COMM1150 Global Business Environments (T2, T3) | 6 UOC Science Elective | 6 UOC Level 2 Prescribed Elective | 6 UOC Science Elective | 6 UOC Science Elective | 6 UOC Science Elective | 6 UOC Science Elective |
| COMM1100 Business Decision Making (T1, T2, T3) | COMM1140 Financial Management (Summer, T1, T2, T3) | | 6 UOC Business Electives level 2 or 3 | 6 UOC Business Electives level 2 or 3 | | 6 UOC Business Electives level 3 | 6 UOC Business Electives level 3 | |

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| NOTES | This is intended as a guide only. Courses do not need to be studied in the exact structure that they appear here. |
| | See Program Structure on page 1 for a guide on the terminology and colour codes used in this progression plan. |
| | Level 1 Prescribed Elective: BIOS1101 (T2), CHEM1021 (T1, T2, T3), CHEM1041 (T2), PHYS1111 (T1, T3), PHYS1121 (T1, T2, T3), PHYS1131 (T1, T2, T3) |
| | Level 2 Prescribed Elective: BIOC2101 (T2) or BIOC2181 (T2), NEUR2201 (T2), BIOC2201 (T3), PHAR2011 (T3) Level 3 Prescribed Elective: NEUR3121 (T1), NEUR3101 (T2), PHSL3211 (T2), NEUR3221 (T3), PHSL3221 (T3) |

Science

Bachelor of Science & Business (3925)



2022 Commencing Students – Single Degree – Major in Psychology ([PSYCA1](#))

Choose from available proposed courses in each year

| Year 1 | | |
|---|--|---|
| PSYC1001 Psychology 1A (T1, T2) | PSYC1011 Psychology 1B (T2, T3) | PSYC1111 (T3) |
| 6 UOC Science Elective | COMM1170 Organisational Resources (T1, T2, T3) | COMM1150 Global Business Environments (T2, T3) |
| COMM1100 Business Decision Making (T1, T2, T3) | COMM1140 Financial Management (Summer, T1, T2, T3) | |

| Year 2 | | |
|---|---|---|
| PSYC2001 Research Methods 2 (T1) | PSYC2081 Learning and Physiological Psychology (T2) | PSYC2101 Assessment, Personality and Psychopathology (T3) |
| PSYC2061 Social and Developmental Psychology (T1) | 6 UOC Science Elective | PSYC2071 Perception and Cognition (T3) |
| 6 UOC Business Electives level 2 or 3 | 6 UOC Business Electives level 2 or 3 | |

| Year 3 | | |
|---|---|---|
| PSYC3001 Research Methods 3 (T1) | 6 UOC Level 3 Prescribed Elective (See Note 1) | PSYC3011 Research and Applications of Psychology (T3) |
| 6 UOC Level 3 Prescribed Elective (See Note 1) | 6 UOC Level 3 Prescribed Elective (See Note 1) | 6 UOC Science Elective |
| 6 UOC Business Electives level 3 | 6 UOC Business Electives level 3 | |

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| NOTES | This is intended as a guide only. Courses do not need to be studied in the exact structure that they appear here. |
| | See Program Structure on page 1 for a guide on the terminology and colour codes used in this progression plan. |
| | <p>Note 1: Level 3 Prescribed Electives - Students must take 18 UOC of the following courses with at least 6 UOC from List A and 6 UOC from List B.</p> <ul style="list-style-type: none"> List A: PSYC3211 (T1), PSYC3221 (T1), PSYC3241 (T1), PSYC3051 (T2), PSYC3311 (T2), PSYC3371 (T3) List B: PSYC3341 (T2), PSYC3361 (T2), PSYC3301 (T2), PSYC3121 (T3), PSYC3202 (T3), PSYC3331 (T3) |

Bachelor of Science & Business (3925)



2022 Commencing Students – Single Degree – Major in Statistics ([MATH1](#))

Choose from available proposed courses in each year

| Year 1 | | |
|--|--|--|
| MATH1131, Maths 1 A (T1,T2,T3) or MATH1141 Higher Maths 1A (T1,T3) | MATH1231 Maths 1 B (T1, T2, T3) or MATH1241 Higher Maths 1B (T1, T2) | COMM1170 Organisational Resources (T1, T2, T3) |
| 6 UOC Science Elective | 6 UOC Science Elective | COMM1150 Global Business Environments (T2, T3) |
| COMM1100 Business Decision Making (T1, T2, T3) | COMM1140 Financial Management (Summer, T1, T2, T3) | |

| Year 2 | | |
|---------------------------------------|--|--|
| MATH2011 or MATH2111 (T1) | MATH2801 Theory of Statistics or MATH2901 Higher Theory of Statistics (T2) | MATH2831 Linear Models or MATH2931 Higher Linear Models (T3) |
| 6 UOC Science Elective | MATH2501 or MATH2601 (T2) | 6 UOC Science Elective |
| 6 UOC Business Electives level 2 or 3 | 6 UOC Business Electives level 2 or 3 | |

| Year 3 | | |
|--|---|------------------------|
| MATH3811 Statistical Inference or MATH3911 Higher Statistical Inference (T1) | MATH3831 (T2), MATH3841, MATH3851 (T3), MATH3871 (T3) | 6 UOC Science Elective |
| MATH3801 or MATH3901 (T1) | MATH3821 Statistical Modelling and Computing (T2) | 6 UOC Science Elective |
| 6 UOC Business Electives level 3 | 6 UOC Business Electives level 3 | |

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| NOTES | <p>This is intended as a guide only. Courses do not need to be studied in the exact structure that they appear here.</p> <p>See Program Structure on page 1 for a guide on the terminology and colour codes used in this progression plan.</p> |
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Science

Bachelor of Science & Business (3925)



2022 Commencing Students – Single Degree – Major in Vision Science ([VISNA1](#))

Choose from available proposed courses in each year

| Year 1 | | | Year 2 | | | Year 3 | | |
|---|---|--|--|---|--|--|---------------------------------------|---------------------------------------|
| BABS1201 Molecules, Cells and Genes (T1, T3) | VISN1111 Geometrical and Physical Optics (T2) | COMM1170 Organisational Resources (T1, T2, T3) | COMM1100 Business Decision Making (T1, T2, T3) | PHSL2201 Physiology 1B (T2) | COMM1140 Financial Management (Summer, T1, T2, T3) | ANAT3411 Neuroanatomy (T1) | 6 UOC Science Elective | 6 UOC Business Electives level 2 or 3 |
| VISN1101 Seeing the World: Perspectives from Vision Science (T1) | CHEM1011 Chemistry 1A (T1, T2, T3) or CHEM1031 Higher Chemistry 1A (T1) | COMM1150 Global Business Environments (T2, T3) | PHSL2101 Physiology 1A (T1) | VISN2111 Ocular Anatomy and Physiology (T2) | VISN2211 Organisation and Function of the Visual System (T3) | OPTM3201 Ocular Imaging & Applied Vision Science (T1) | 6 UOC Business Electives level 2 or 3 | 6 UOC Business Electives level 3 |
| MATH1031 (T1, T3) or MATH1131 Maths 1A (T1,T2,T3) or MATH1141 Higher Maths 1A (T1,T3) | | VISN1221 Visual Optics (T3) | ANAT2111 Introductory Anatomy (T1,T2) | 6 UOC Science Elective | | VISN3111 Development and Aging of the Visual System (T1) | 6 UOC Business Electives level 3 | |

NOTES

This is intended as a guide only. Courses do not need to be studied in the exact structure that they appear here.

See Program Structure on page 1 for a guide on the terminology and colour codes used in this progression plan.