

## RECOMMENDED STUDY PLAN

2017-2018

NAME \_\_\_\_\_

DEGREE PROGRAM ADV BSc (BAD) MAJOR Earth Science (ESC)

### Level 1

| SP1  | SP2                                     |
|--|---|
| <b>Degree Core:</b> SC1101   | <b>Degree Core:</b> SC1109              |
| <b>Degree Opt Core:</b> MA1000 ( <u>OR</u> MA1008-SP1 <u>AND</u> MA1009-SP2) | <b>Degree Core:</b> MA1003*             |
| <b>Major Core:</b> EV1005-Env Processes                                      | <b>Major Core:</b> EA11110-Evo of Earth |
| <b>Elective/Minor:</b>   | <b>Elective/Minor:</b>                  |

*Note- \*MA1003 is required for SC2209 and will be offered in SP3-Jan/Feb each year. If you are taking MA1008 and MA1009 in first year, then you need to plan to take MA1003 in SP3 block mode at the beginning of your second year.*

### Level 2:

| SP1  | SP2                                   |
|--|---------------------------------------|
| <b>Degree Core Skill:</b> SC2209+  | <b>Degree Opt Core Skill-List 10:</b> |
| <b>Major Core:</b> EA2006-Hydrology  | <b>Elective/Minor:</b>                |
| <b>Major Core:</b> EV2401-Aust Landscape Processes   | <b>Elective/Minor:</b>                |
| <b>Major Opt Core:</b> EA2220-Minerals & Magma-SP1 <u>OR</u> EA2404-Icehouse to Greenhouse-SP2 | <b>Elective/Minor:</b>                |

*Note-+SC2209 requires MA1003 and SC1109. It was not available before 2018 and may NOT be replaced with SC2202/BZ2001 in any Advanced Science study plans.*

### Level 3:

| SP1  | SP2  |
|--|--|
| <b>Degree Opt Core Quantitative Subject-List 12:</b>                                       |  |
| <b>Degree Opt Core:</b> SC3003-Research Internship <u>OR</u> SC3008-Professional Placement |  |
| <b>Major Core:</b> EA3210-Structural Geology & Tectonics                                   | <b>Major Core:</b> EA3207-Soil Processes               |
| <b>Elective/Minor:</b>   | <b>Major Core:</b> EA3110-Sedimentology & Stratigraphy |
| <b>Elective/Minor:</b>   | <b>Elective/Minor:</b>                                 |

| <b>List Optional Skill Subjects Available to this Discipline: <u>List 10</u></b> |                              |
|--|------------------------------|
| <b>SP1</b>   | <b>SP2</b>                   |
| PH2222:03 Sensors and Sensing for Scientists-SP 6                                |                              |
| CP2404-Database Modelling  | EV2502-GIS                   |
| MA2000-Mathematics for Scientists &  | MA2201-Numerical Mathematics |
|  | CH2103-Analytical Chemistry  |

| <b>List of Advanced Quantitative Subjects-<u>List 12</u></b> |
|--|
| (Check closer to enrolment for SP availabilities)            |
| BS5260-Modelling Ecological Dynamics                         |
| MA5405-Data Mining   |
| BC5203-Introduction to Bioinformatics                        |
| EA5409-Minerology and Geophysics                             |
| PH5014-Research Skills and Communication in Physics-Advanced |
| CH5002-Research Skills and Communication in Chemistry        |
| SC5502-Design & Analysis in Ecological Studies               |