

Curriculum (AY2021-22 and onwards)

The BSocSci (Hons) in Psychology with 2nd Major in Biological Sciences is designed as a four-year course. Students are required to complete 138 academic units (AUs) for graduation.

The distribution of the courses of study and the number of academic units are shown in the table below.

Curriculum Structure AY2021-2022 Intake and After							
A. Major Requirements			B. Interdisciplinary Collaborative Core (ICC) (AUs)		C. Broadening and Deepening Electives (BDE) (AUs)		Total (AUs)
Core	Prescribed Electives	GP* or Two HP4000 level courses	Common Cores	Foundational Core	Biological Sciences 2 nd Major Requirement	Free	
27	28	8	17	10	33	15	138

*Graduation Project

A. Major Requirements (63 AUs)

The requirements for a Psychology major consist of 3 components:

1. Psychology Core Courses (27 AUs)
2. Psychology Prescribed Electives (28 AUs)
3. Graduation Project (GP) or 2 HP4000 level courses (8 AUs)
(The two HP4000 level courses are for those who are not eligible to do GP.)

A1. Psychology Core Courses (27 AUs)

The 9 compulsory core courses are listed below.

- HP1000 Introduction to Psychology
- HP1100 Fundamentals of Social Science Research
- HP2100 Research Design & Data Analysis in Psychology
- HP2200 Biological Psychology
- HP2300 Developmental Psychology
- HP2400 Social Psychology

- HP2500 Personality & Individual Differences
- HP2600 Cognitive Psychology
- HP2700 Abnormal Psychology

A2. Psychology Prescribed Electives Courses (28AUs)

Students must complete 28 AUs of prescribed electives:
At least 4 at HP4000 level (1 must be a laboratory course)

To refer to the Psychology website for the list of courses.

A3. Graduation Project (GP) or 2 HP4000 level courses (8 AUs)

HP4099 Graduation Project (GP) (8 AUs) is undertaken during a student’s final year or when the student has fulfilled the below requirements. The GP is to be conducted over two consecutive semesters in NTU.

To obtain Honours (Highest Distinction & Distinction), students must complete a Graduation Project, HP4099.

- 1) Students with CGPA of 3.90 and above must complete a GP.
- 2) Those with CGPA between 3.75 and 3.89 may opt-in to do a GP, subject to the approval by the Program.
- 3) Students with CGPA below 3.75 will not be eligible to conduct a GP.

Students who do not do the GP are to take two 4000-level Major Prescribed Elective courses to fulfill the 8 AUs requirement.

From AY2021-22 cohort onwards, completion of the compulsory internship will be a pre-requisite for starting a Graduation Project.

Students admitted for AY2021-22 and later
<p>The criteria for eligibility are:</p> <p>(A) Completed 94 Academic Units</p> <p>(B) Completed all core courses (must be taken at NTU).</p> <p>(C) Completed 1 laboratory course.</p> <p>(D) In the final two semesters of coursework</p> <p>(E) Completed compulsory internship.</p>

Table B: Interdisciplinary Collaborative Core (ICC)

ICC – Common Cores	17
CC0001 Inquiry and Communication in an Interdisciplinary World (Year 1 Sem 2)	2
CC0002 Navigating the Digital World (Year 1 Sem 2)	2
CC0003 Ethics and Civics in a Multi-Cultural World (Year 1 Sem 1)	2
ML0004 Career and Entrepreneurial Development for the Future World (Year 2 Sem 2)	2
CC0005 Healthy Living & Wellbeing (Year 1 Sem 1)	3
CC0006 Sustainability: Society, Economy and Environment (Year 2 Sem 2)	3
CC0007 Science & Technology for Humanity (Year 2 Sem 1)	3
ICC – Foundational Cores	10
Effective Communication II - HW0208 Academic Communication in the Social Sciences	2
Digital Literacy II (can choose from a basket of courses)	3
Internship	5

C: Broadening and Deepening Electives (BDE) (48 AUs)**Biological Sciences 2nd Major Requirement****C1: Compulsory Courses (18 AUs)**

- BS1001 Introductory Biology
- BS1005 Biochemistry I
- BS1006 Principles of Genetics
- BS1007 Molecular and Cell Biology I
- BS2004 Molecular and Cell Biology II
- BS2001 Physiology / BS1016 Physiology

C2: Prescribed Elective Courses (15 AUs)

Students must complete 5 electives from the below table with the following 2 courses highly recommended:

BS3001 Neurobiology

BS3014 Biological Foundations of Behavior

Course Code	Course Title	AUs	Offering Sem
BS2004	Molecular and Cell Biology II	3	Sem 2
BS2010	Bioimaging	3	Sem 2
BS2011	Equations of Life	3	Sem 1 & 2
BS2020	Mathematics, Physics and Basic Programming for the Structural Biologist	3	Sem 2
BS2021	RNA Structures & RNA based Drug Development	3	Sem 2
BS3006	Bioentrepreneurship	3	Sem 2
BS3008	Computer Aided Drug Discovery	3	Sem 2
BS3013	Drug discovery and development, biotechnology	3	Sem 2
BS3022	Protein Trafficking	3	Sem 2
BS3001	Neurobiology **	3	Sem 1
BS3003	Developmental biology	3	Sem 1
BS3004	Cancer Biology and Therapy	3	Sem 1
BS3014	Biological foundations of behavior **	3	Sem 1
BS3018	Plant Biology	3	Sem 1
BS3021	Bioimaging Techniques in EM	3	Sem 1
BS2024	Evolution in Health and Disease	3	Sem 1
BS3027	Spectroscopic Methods in Biomedical Structural Biology	3	Sem 1
BS4002	Current Topics in Cell Biology	3	Sem 1
BS4010	Synthetic Biology	3	Sem 1
BS4011	Biology of Social Behavior	3	Not offered
BS4015	Plant Biotechnology	3	Sem 1
BS2004	Molecular and Cell Biology II	3	Sem 2
BS2010	Bioimaging	3	Sem 2
BS2011	Equations of Life	3	Sem 1 & 2
BS2020	Mathematics, Physics and Basic Programming for the Structural Biologist	3	Sem 2
BS2021	RNA Structures & RNA based Drug Development	3	Sem 2

** recommended for PSBS students

C3: Free Elective Courses (15 AUs)

Students may choose from the list of courses offered by NTU.