

Curriculum (AY2025-26)

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 AY2025-2026 Intake								
A. Major Requirements (AUs)			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	Professional Series	Care, Serve, Learn	Biological Sciences 2 nd Major Requirement	Free	
27	28	8	14	11	3	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.

In addition to the CGPA requirement, students will need to also meet the below Programme GP requirements.

- (A) Completed 94 Academic Units
- (B) Completed all core courses (must be taken at NTU).
- (C) Completed 1 laboratory course.
- (D) Completed compulsory internship.
- (E) In the final two semesters of coursework

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

Table B: Interdisciplinary Collaborative Core (ICC)

ICC – Common Cores	14
CC0001 Inquiry and Communication in an Interdisciplinary World	2
CC0003 Ethics and Civics in a Multi-Cultural World	2
ML0004 Career and Entrepreneurial Development for the Future World	2
CC0015 Healthy Living & Wellbeing	2
CC0006 Sustainability: Society, Economy and Environment	3
CC0007 Science & Technology for Humanity	3
ICC – Professional Series	11
Effective Communication II - HW0208 Academic Communication in the Social Sciences	2
Digital Literacy II (can choose from a basket of courses)	3
Internship	5
Profession Preparation	1
ICC - Care, Serve, Learn	3

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

- BS1001 Introductory Biology (Year 1 Sem 1)
- BS1005 Biochemistry I (Year 1 Sem 2)
- BS1006 Principles of Genetics (Year 2 Sem 2)
- BS1007 Molecular and Cell Biology I (Year 1 Sem 2)
- BS2004 Molecular and Cell Biology II (Year 2 Sem 2)
- BS1016 Physiology (Year 1 Sem 1)

C2: Prescribed Elective Courses (15 AUs)

Students must complete 5 electives from the below table.

Course Code	Course Title	AUs	Offering Sem	Status
BS2010	Bioimaging	3	Sem 2	Existing
BS2011	Equations of Life	3	Sem 2	On hold
BS2020	Mathematics, Physics and Basic Programming for the Structural Biologist	3	Sem 2	Existing
BS2021	RNA Structures & RNA based Drug Development	3	Sem 2	Existing
BS3006	Bioentrepreneurship	3	Sem 2	Existing
BS3008	Computer Aided Drug Discovery	3	Sem 2	Existing
BS3013	Drug discovery and development, biotechnology	3	Sem 2	Existing
BS3022	Protein Trafficking	3	Sem 1	Existing
BS3001	Neurobiology **	3	Sem 1	On hold
BS3003	Developmental biology	3	Sem 1	Existing
BS3004	Cancer Biology and Therapy	3	Sem 1	Existing
BS3014	Biological foundations of behavior **	3	Sem 1	Existing
BS3018	Plant Biology	3	Sem 1	Existing
BS3021	Bioimaging Techniques in EM	3	Sem 1	Existing
BS2024	Evolution in Health and Disease	3	Sem 1	Existing
BS3027	Spectroscopic Methods in Biomedical Structural Biology	3	Sem 1	Existing
BS4002	Current Topics in Cell Biology	3	Sem 1	Existing
BS4004	Current topics in Immunology	3	Sem 1	Withdrawn
BS4010	Synthetic Biology	3	Sem 1	Existing
BS4011	Biology of Social Behavior	3	Sem 2	On hold
BS4015	Plant Biotechnology	3	Sem 1	Existing
BS2023	Regulatory Control of Healthcare Products and Medical Devices	3	Sem 1	Existing
BS2025	One Health	3	Sem 2	Existing
BS3036	Fundamentals of Immunology- concepts and experiments	3	Sem 2	Existing
BS4014	Molecular Basis of Diseases	3	Sem 1	Existing
BS4018	Biology of Aging and Neurodegeneration	3	Sem 2	Existing

** Highly recommended for PSBS students

C3: Free Elective Courses (15 AUs)

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