

Dept of Integrative Biology–Honours Behaviour, Cognition & Neuroscience advising form FALL 2025/WINTER 2026
PROGRAM & PLAN CODE: BSHBN & BION1HBSH

Student name: _____ Student ID Number: _____

Please see the [Undergraduate Academic Calendar](#) for full information about degree requirements, policies, and courses. Your requirements are based on your requirement term. Below are requirements as a summary. See reverse for suggested sequence by year of study.

Requirement	Courses	# credits (courses)
Minimum # of courses in total		120 (40)
Minimum # of “senior level” (2000/3000/4000-level courses) †		78 (26)
Residency requirement (minimum # Biology+Psychology courses taken at the University of Windsor)		30 (10)
GPA requirement minimum for graduation: <input type="checkbox"/> Cumulative 60% <input type="checkbox"/> BIOL/BIOM/PSYC 70%		
Biology*	<input type="checkbox"/> BIOL-1101 <input type="checkbox"/> BIOL-1111 <input type="checkbox"/> BIOL-2040 <input type="checkbox"/> BIOL-2101 <input type="checkbox"/> BIOL-2111 <input type="checkbox"/> BIOM-2131 <input type="checkbox"/> BIOL-2142/3142** <input type="checkbox"/> BIOL-2480 <input type="checkbox"/> BIOL-4450 <input type="checkbox"/> BIOL-4481 (or alternate***) <input type="checkbox"/> BIO_ _____	33 (11)
Psychology	<input type="checkbox"/> PSYC-1150 <input type="checkbox"/> PSYC-1160 <input type="checkbox"/> PSYC-2230 <input type="checkbox"/> PSYC-2560 <input type="checkbox"/> PSYC-3130 [<input type="checkbox"/> PSYC-3530 or <input type="checkbox"/> PSYC-4270] <input type="checkbox"/> PSYC-3350 <input type="checkbox"/> PSYC-3580	24 (8)
Psychology	[<input type="checkbox"/> PSYC-3220 or <input type="checkbox"/> PSYC-3230] & [<input type="checkbox"/> PSYC-3370 or <input type="checkbox"/> PSYC-4230 or <input type="checkbox"/> PSYC-4570]	6 (2)
Biology or Psychology	[<input type="checkbox"/> PSYC-2300 or <input type="checkbox"/> BIOL-3022] & [<input type="checkbox"/> BIOL-3230 or <input type="checkbox"/> PSYC-3550]	6 (2)
Thesis****	<input type="checkbox"/> BIOL-4904 or { <input type="checkbox"/> PSYC-4960 + <input type="checkbox"/> PSYC-4970 } or <input type="checkbox"/> BIOM-4904 or <input type="checkbox"/> CHEM-4900 or <input type="checkbox"/> KINE-4780	6 (2) with thesis only
Science pair	[<input type="checkbox"/> COMP-1047 or <input type="checkbox"/> COMP-2067] and ... <input type="checkbox"/> COMP-2057 <input type="checkbox"/> COMP-1400 and <input type="checkbox"/> COMP-1410 <input type="checkbox"/> PHYS-1300 and <input type="checkbox"/> PHYS-1310 <input type="checkbox"/> PHYS-1400 and <input type="checkbox"/> PHYS-1410 <input type="checkbox"/> ESCI-1111 and <input type="checkbox"/> ESCI-1100 <input type="checkbox"/> ESCI-1130 and <input type="checkbox"/> ESCI-2400	6 (2)
Statistics	[<input type="checkbox"/> STAT-2910 or <input type="checkbox"/> SOSC-2500]	3 (1)
Chemistry, Biochemistry	<input type="checkbox"/> CHEM-1100 <input type="checkbox"/> CHEM-1110 <input type="checkbox"/> CHEM-2300 <input type="checkbox"/> BIOC-2010	12 (4)
BIOL/BIOM/PSYC/ BIOC/CHEM/KINE 3000/4000	<input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____	18 (6) without thesis; 12 (4) with thesis
Arts/Languages, Social Sciences (NOT PSYC)	<input type="checkbox"/> _____ <input type="checkbox"/> _____	6 (2)
Any area of study	<input type="checkbox"/> _____ <input type="checkbox"/> _____	6 (2)

* Biology/BIO- refers to BIOL- or BIOM- courses.

** BIOL-3142 was changed to BIOL-2142 as of Summer 2024.

*** BCN-related upper year BIOL/BIOM can be substituted with permission of Integrative Biology Head or advisor.

**** Students can switch to the “with thesis” program after enrolling in an eligible thesis course. Honours GPA and supervisor required; some thesis courses have additional requirements.

† Limit of 14 courses at 1000-level if you do not wish to take >40 courses in total.

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RECOMMENDED COURSE SEQUENCE

Year 1

Fall	Winter
BIOL-1101 (Cell Biology)	BIOL-1111 (Biological Diversity)
CHEM-1100 (Gen Chem I)	CHEM-1110 (Gen Chem II)
PSYC-1150 (Psychology - Behavioural Science)	Choice*: Arts/Language/Social Science, STAT-2910/SOSC-2500 or Any area of study
Part 1 of science pair (one of: COMP-1047, COMP-2067, PHYS-1300, PHYS-1400, ESCI-1100, ESCI-1130)	Part 2 of science pair (i.e., COMP-1410, COMP-2057, PHYS-1310, PHYS-1410, ESCI-1111, ESCI-2400, corresponding to part 1 choice)
Choice*: Arts/Language/Social Science, STAT-2910/SOSC-2500 or Any area of study	Choice*: Arts/Language/Social Science, STAT-2910/SOSC-2500 or Any area of study

Year 2

Fall	Winter
BIOL-2040 (Human Physiology I)	BIOL-2480 (Principles of Neuroscience)
BIOL-2101 (Ecology)	BIOM-2131 (Intro Mol Biol)
BIOL-2111 (Genetics)	BIOC-2010 (Org Chem of Biomolecules)
PSYC-2300 (Social Science Res Methods)	PSYC-2560 (Intro to Brain & Human Behaviour)
CHEM-2300 (Intro Organic Chemistry)	Choice*: BIOL/BIOM/PSYC, upper level BIOC/CHEM/KINE, Additional Science, Arts/Language/Social Science or Any area of study

Year 3

Fall	Winter
BIOL-2142 (Principles of Evolution)	BIOL-3230 (Animal Behavior)
PSYC-2230 (Dev Psychology: The Child)	PSYC -3220 Child Psychopathology [OR take PSYC-3230 in Year 4**, Choice*: BIOL/BIOM/PSYC, upper level BIOC/CHEM/KINE, Arts/Language/Social Science or Any area of study]
PSYC-3130 (Advanced Statistics)	PSYC-3580 or Additional Choice (as above)
PSYC-3530 (Learning & Behavior)	Additional Choice (as above)
PSYC-3350 (Human Sensation & Perception)	Additional Choice (as above)

Year 4

Fall	Winter
Thesis course or upper level BIOL/BIOM/PSYC/BIOC/CHEM/KINE***	Thesis course or upper level BIOL/BIOM/PSYC/BIOC/CHEM/KINE
PSYC-4270 (Methods of Behav'l Change) [or PSYC-3530]	BIOL-4450 (Behavioural Neurobiology)
Choice*: PSYC-3580 (if not taken previously), BIOL/BIOM/PSYC, upper level BIOC/CHEM/KINE, Arts/Language/Social Science or Any area of study	BIOL 4481 (Excitable Cells) or BCN-related upper year BIOL/BIOM course (approved by Head)
One of..... PSYC-4230 Advanced Developmental Cognitive Psychology	... or: PSYC-3370 Human Cognitive Neuroscience PSYC-4570 Comparative Cognition
Choice*: PSYC-3580 (if not taken previously), BIOL/BIOM/PSYC, upper level BIOC/CHEM/KINE, Arts/Language/Social Science or Any area of study	Choice*: BIOL/BIOM/PSYC, upper level BIOC/CHEM/KINE, Arts/Language/Social Science or Any area of study

* Check remaining requirements (see page 1) in your program to ensure you choose enough from each category. We recommend regular advising (via Central Academic Advising or an iBio advisor). STAT-2910 or SOSC-2500 should be taken as early as possible.

** PSYC-3230 (Dev Difficulties Psychobio) is usually offered in both F & W terms.

*** The thesis will be within the subject area of behaviour, cognition or neuroscience. Students planning to take PSYC 4960 must have: a Psychology supervisor, prerequisites PSYC-2300; PSYC-3130 or equivalent; PSYC-3350, PSYC-3530, and PSYC-3580; PSYC course average min. 80%, and consent of instructor or Psychology Undergraduate Program Chair.