

## BIOLOGY AND PSYCHOLOGY - SPECIALIZATION (SCIENCE) - BACHELOR OF SCIENCE (HONOURS) (BIPS-P-BSH)

**Subject:** Administered by the Department of Biology and Psychology.

**Plan:** Consists of 84.0 units as described below.

**Program:** The Plan, with sufficient electives to total 120.0 units will lead to a Bachelor of Science (Honours) Degree.

<b>1. Core (45.0 units)</b>			
<b>Biology</b>			
A.	6.0 units	in	BIOL 102/3.0 and BIOL 103/3.0
B.	6.0 units	in	CHEM 112/6.0
C.	12.0 units	in	BIOL 200/3.0; BIOL 201/3.0, BIOL 202/3.0, BIOL 205/3.0, BIOL 206/3.0; BIOL 212/3.0
D.	3.0 units	from	BIOL 300/3.0; BIOL 302/3.0; BIOL 303/3.0
E.	3.0 units	from	BIOL 339/3.0; BIOL 334/3.0; BIOL 341/3.0
F.	3.0 units	in	BIOL 330/3.0
<b>Psychology</b>			
G.	6.0 units	in	PSYC 100/6.0
H.	3.0 units	from	BIOL 243/3.0; PSYC 202/3.0
I.	3.0 units	in	PSYC 203/3.0

<b>2. Option (39.0 units)</b>			
<b>Biology</b>			
A.	3.0 units	from	BIOL at the 300 level or above; BIOL_Subs_A
B.	6.0 units	from	BIOL at the 300 level or above; BIOL_Subs_A; BIOL_Subs_B_Excluding_PSYC
<b>Psychology</b>			
C.	6.0 units	from	PSYC 205/3.0; PSYC 215/3.0; PSYC 221/3.0; PSYC 271/3.0
D.	6.0 units	from	PSYC 231/3.0; PSYC 235/6.0; PSYC 236/3.0; PSYC 241/3.0; PSYC 251/3.0
E.	3.0 units	from	PSYC_Labs_BIPS
F.	3.0 units	from	PSYC_Cluster_A
G.	6.0 units	from	PSYC_Cluster_B
H.	6.0 units	from	PSYC at the 200-level or above; PSYC_Subs_B_Excluding_BIOL

<b>3. Supporting (0.0 units)</b>			

<b>4. Additional Requirements</b>	
A.	A maximum of 3.0 units from PSYC_Subs_A; PSYC_Subs_B.

<b>5. Substitutions</b>	
A.	BCHM 310/9.0 (or the combination of BCHM 315/3.0 and BCHM 316/3.0) may be substituted for 3.0 units from (BIOL 339/3.0 or BIOL 341/3.0 or BIOL 334/3.0) with the remaining units applied toward Option Course requirements in the degree program.
B.	Students registered in a BIOL Plan prior to May 1, 2016 may use BCHM 218/3.0 as an alternative to BIOL 330/3.0 to satisfy requirement 1.F.

## 6. Notes

A.	PHYS 117/6.0 (or PHYS 104/6.0 or PHYS 106/6.0 or PHYS 118/6.0) is highly recommended but not required.
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## BIOLOGY AND PSYCHOLOGY COURSE LISTS

The following lists contain courses offered through other Departments. In accordance with Academic Regulation 2.5 (Access to Classes), students do not have enrolment priority in all of these courses. Access to these courses may only be made available during the Open Enrolment period, and then only if space permits.

### **BIOL\_Subs\_A: Biology Substitutions List A**

ANAT at the 300 level and above;  
BCHM at the 300 level and above;  
MICR 221/3.0; MICR at the 300 level and above;  
LISC at the 300 level and above;  
PATH at the 300 level and above;  
PHGY at the 300 level and above  
BIOL\_Subs\_B\_Excluding\_PSYC  
Biology Substitutions List B Excluding Psychology  
CHEE 400/6.0;  
CHEM at the 200 level and above;  
ENSC 301/3.0; ENSC 307/3.0; ENSC 320/3.0; ENSC 390/3.0; ENSC 425/3.0; ENSC 471/3.0;  
EPID 301/3.0;  
GEOL 337/3.0; GEOL 466/3.0;  
GPHY 304/3.0; GPHY 306/3.0; GPHY 310/3.0; GPHY 314/3.0; GPHY 318/3.0; GPHY 339/3.0;  
PHAR 340/3.0;  
PHIL 301/3.0;  
STAT 353/3.0

### **PSYC\_Subs\_B\_Excluding\_BIOL: Psychology Substitutions List B excluding BIOL (200-level and above)**

ANAT 312/3.0;  
CISC 325/3.0; CISC 352/3.0; CISC 452/3.0; CISC 453/3.0;  
COGS 201/3.0; COGS 300/3.0; COGS 400/3.0;  
COMM 231/3.0; COMM 251/3.0; COMM 333/3.0; COMM 351/3.0; COMM 352/3.0; COMM 355/3.0;  
COMM  
359/3.0;  
ECON 261/3.0;  
GPHY 336/3.0;  
INTS 306/3.0; INTS 307/3.0;  
LING 310/3.0;  
NSCI 323/3.0; NSCI 324/3.0; NSCI 401/3.0; NSCI 414/3.0;  
PHIL 301/3.0; PHIL 311/3.0; PHIL 351/3.0;  
POLS 312/3.0; POLS 313/3.0;  
SOCY 275/3.0; SOCY 276/3.0; SOCY 387/3.0; SOCY 388/3.0; SOCY 389/3.0;  
STAT 460/3.0; STAT 463/3.0; STAT 464/3.0; STAT 471/3.0; STAT 473/3.0; STAT 486/3.0

**PSYC\_Cluster\_APSYC\_Cluster\_A: Brain, Behaviour and Cognitive Science**

PSYC 305/6.0; PSYC 315/3.0; PSYC 321/3.0; PSYC 323/3.0; PSYC 350/3.0; PSYC 352/3.0; PSYC 353/3.0; PSYC 355/3.0; PSYC 360/3.0; PSYC 370/3.0; PSYC 371/3.0; PSYC 372/3.0; PSYC 375/3.0; PSYC 376/3.0; PSYC 380/3.0; PSYC 398/3.0; PSYC 420/3.0; PSYC 422/3.0; PSYC 423/3.0; PSYC429/3.0 PSYC 450/3.0; PSYC 451/3.0; PSYC 452/3.0; PSYC 453/3.0; PSYC 456/3.0; PSYC 457/3.0; PSYC 470/3.0; PSYC 471/3.0; PSYC 473/3.0; PSYC 485/3.0; PSYC 495/3.0; PSYC 550/3.0; PSYC 555/3.0; PSYC 570/3.0; PSYC 575/3.0

**PSYC\_Cluster\_BPSYC\_Cluster\_B: Developmental, Social and Clinical**

PSYC 332/3.0; PSYC 333/3.0; PSYC 334/3.0; PSYC 335/3.0; PSYC 336/3.0; PSYC 337/3.0; PSYC 341/3.0; PSYC 342/3.0; PSYC 343/3.0 PSYC 348/3.0; PSYC 350/3.0; PSYC 351/3.0; PSYC 352/3.0; PSYC 353/3.0; PSYC 355/3.0; PSYC 397/3.0; PSYC 399/3.0; PSYC 400/3.0; PSYC 428/3.0; PSYC 429/3.0; PSYC 430/3.0; PSYC 433/3.0; PSYC 434/3.0; PSYC 435/3.0; PSYC 436/3.0; PSYC 437/3.0; PSYC 439/3.0; PSYC 440/3.0; PSYC 441/3.0; PSYC 442/3.0; PSYC 443/3.0; PSYC 446/3.0; PSYC 450/3.0; PSYC 451/3.0; PSYC 452/3.0; PSYC 453/3.0; PSYC 454/3.0; PSYC 455/3.0; PSYC 456/3.0; PSYC 457/3.0; PSYC 480/3.0; PSYC 490/3.0; PSYC 550/3.0; PSYC 555/3.0; PSYC 570/3.0; PSYC 575/3.0

**PSYC\_Labs\_BIPS: Psychology Laboratory Courses**

PSYC 305/6.0; PSYC 315/3.0; PSYC 321/3.0; PSYC 323/3.0; PSYC 355/3.0 (Winter 2017 onward); PSYC 360/3.0; PSYC 371/3.0; PSYC 372/3.0; PSYC 375/3.0; PSYC 380/3.0; PSYC 399/3.0 (2008-2009); PSYC 495/3.0; PSYC 570/3.0; PSYC 575/3.0