

DATE: \_\_\_\_\_

**Biological & Pharmaceutical Chemistry (BPCH)  
2020 Calendar (Regular and Co-op Program)**

NAME: \_\_\_\_\_

ID: \_\_\_\_\_

**First Year Required Courses (4.0 Credits)**

BIOL 1090	CHEM 1040	IPS 1500	OR MATH
BIOL	CHEM 1050	IPS 1510	PHYS

**2000 Level Required Courses (5.25 credits)**

BIOC*2580	CHEM*2400 (0.75)	MICR*2420	Two of: MBG*2040
CHEM*2060	CHEM*2700	STAT*2040	MCB*2050
CHEM*2070	CHEM*2880		MICR*2430
			TOX*2000

**3000/4000 Level Required Courses**

(Includes at least 6.00 credits at the 3/4000 level with at least 2.00 at the 4000 level – see the restricted electives list at [www.uoguelph.ca/registrar/calendars/undergraduate/current/c10/c10bsc-bmph.shtml](http://www.uoguelph.ca/registrar/calendars/undergraduate/current/c10/c10bsc-bmph.shtml))

3000 level	3000 level	3/4000 level	4000 level
BIOC*3570 (0.75)	CHEM*3750	CHEM*4730 OR 4740	
CHEM*3430			

Option A-BIOC\*3560, CHEM\*3640, CHEM\*3650, CHEM\*3760

Option B-XSEN

**Science Elective (0.5 credits):**

**Additional Acceptable Electives (3.0 credits):**


**Acceptable Liberal Education Electives (1.0 credits)\***

**Co-operative Education Credits (2.0 credits, 1.5 credits required)**

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1000 level (max 7.0 crds) \_\_\_\_ 3/4000 level (min 6.0 crds) \_\_\_\_ 4000 level (min 2.0 crds) \_\_\_\_

Total Credits: 20.0 (including 16.0 credits approved science electives\*)

\*from the BSc lists of Approved Science electives and Liberal Education electives

[http://www.bsc.uoguelph.ca/Approved\\_electives.shtml](http://www.bsc.uoguelph.ca/Approved_electives.shtml)

Comments: