



OFFICE OF THE ASSOCIATE VICE-PRESIDENT, ACADEMIC

8888 University Drive,  
Burnaby, BC  
Canada V5A 1S6

TEL: 778.782.6654  
FAX: 778.782.5876

avpacad@sfu.ca  
www.sfu.ca/vpacademic

**MEMORANDUM**

**ATTENTION** Senate  
**FROM** Wade Parkhouse, Chair  
Senate Committee on  
Undergraduate Studies  
**RE:** Program Changes

**DATE** May 3, 2019  
**PAGES** 1/1

**For information:**

Acting under delegated authority at its meeting of May 2, 2019 SCUS approved the following curriculum revisions effective Spring 2020.

**a. Faculty of Science (SCUS 19-36)**1. Department of Biological Sciences

- (i) Requirement changes to the Biological Sciences Major and Honours programs

Senators wishing to consult a more detailed report of curriculum revisions may do so on the Senate DocuShare repository at <https://docuShare.sfu.ca/dsweb/View/Collection-12682>.

**Calendar Entry Change  
Biological Sciences**

Rationale for change:

To clarify that the list of possible undergraduate research courses is not limited to BISC 498, BISC 499 and BISC 497W.

Effective term and year: Spring 2020

The following program(s) will be affected by these changes:

Biological Sciences Major  
Biological Sciences Honors

**Calendar Change:** “to” and “from” sections are not required. All deletions should be crossed out as follows: ~~sample~~. All additions should be marked by a **bold**.

Cells, Molecules, and Physiology (CMP) Concentration

and two upper division elective courses (minimum of six units) from BISC, BPK, HSCI, MBB, PHYS, or STAT, subject to approval by the department. Normally no more than two research intensive courses (**such as BISC 497W, 498, or 499**) may be used to satisfy stream requirements. Students complete a total of five lab courses (which may include one of BISC 497W, 498, 499) among their upper division courses. A minimum of 3 CMP stream courses must be at the 400 level.

Open Concentration

and an additional 7 upper division BISC courses (totaling a minimum of 21 units). Students may substitute up to 2 upper division courses from other units (e.g., BPK, FENV, HSCI, MASC, MBB, PHYS, or STAT), subject to approval by the department. **Normally no more than two research intensive courses (such as BISC 497W, 498, or 499) may be used to satisfy concentration requirements.** Students complete a total of five lab courses (which may include one of BISC 497W, 498, 499) among their upper division courses. A minimum of 3 BISC courses must be at the 400 level.