ANATOMY & CELL BIOLOGY:

BSc LIBERAL PROGRAM (47-48cr)

Student must complete a Science Minor program, an Arts Minor or Major Concentration available for Science students, or a Core Science component in a second area.

**Named Required Courses (32 credits)**

**Anatomy**
- ANAT/BIOC 212 (w) [3] ( ) Molecular Mechanisms of Cell Function (U1)
- ANAT 214 (f) [3] ( ) Systemic Human Anatomy (U2)
- ANAT 261 (f) [4] ( ) Dynamic Histology (U1)
- ANAT 262 (w) [3] ( ) Molecular and Cell Biology U1

**Chemistry (f/w/s) * **
- CHEM 212 [4] ( ) CEGEP ORG I. ( ) Organic Chemistry (U1)

**Biology**
- BIOL 200 (f) [3] ( ) Molecular Biology (U1)
- BIOL 202 (w/s) [3] ( ) Genetics (May U1 or U2)

**Physiology**
- PHGY 209 (f) [3] ( ) Mammalian Physiology I (U1)
- PHGY 210 (w) [3] ( ) Mammalian Physiology II U1

**Statistics (f/w/s)**
- MATH 203 [3] ( ) Statistics
- PSYC 204 [3] ( ) Psych Statistics
- CEGEP STAT [ ]

* Students who have taken the equivalent of CHEM 212 in CEGEP (as defined at [www.mcgill.ca/student-records/transfercredits](http://www.mcgill.ca/student-records/transfercredits)) are exempt and must replace these credits with an elective course(s)

**Complementary Required Courses (15-16 credits):**

1) **List A 9 credits from the following:**
   - ANAT 321 (f) [3] ( ) Circuitry of Human Brain (Neuroanatomy) (U3)
   - ANAT 322 (w) [3] ( ) Neuroendocrinology
   - ANAT 365 (f) [3] ( ) Cellular Trafficking (Secretory)
   - ANAT 381 (f) [3] ( ) Basis of Embryology
   - NEUR 310 (w) [3] ( ) Cellular Neurobiology
   - ANAT 416 (w) [3] ( ) Development, Disease and Regeneration
   - ANAT 458 (w) [3] ( ) Membranes and Cell Signaling
   - ANAT 542 (w) [3] ( ) Transmission Electron Microscopy

2) **List B 6-7 credits from the following:**
   - ANAT 321 (f) [3] ( ) Circuitry
   - ANAT 322 (w) [3] ( ) Neuroendo
   - ANAT 365 (f) [3] ( ) Cellular
   - ANAT 381 (f) [3] ( ) Embryology
   - BIOL 300 (f) [3] ( ) Mol Biol of Gene
   - BIOL 301 (f/w) [4] ( ) Cell/Mol Lab
   - BIOL 303 (w) [3] ( ) Develop Biol
   - BIOL 306 (f) [3] ( ) Neurobiol/ Behaviour
   - BIOL 314 (f) [3] ( ) Oncogenes
   - EXMD 504 (f) [3] ( ) Biology of Cancer
   - MIMM 314 (w) [3] ( ) Immunology
   - NEUR 310 (w) [3] ( ) CellNeurobiol
   - PATH 300 (w) [3] ( ) Human Disease
   - PHAR 300 (f) [3] ( ) Drug Action
   - PHAR 301 (w) [3] ( ) Drugs/Disease


This document is to be used as a guideline – it is not an official document – you must ensure that you have the proper credit & course requirements to successfully complete your program.