

ANATOMY & CELL BIOLOGY

HONOURS PROGRAM (73 cr)

Name: _____
 ID# / Year: _____
 Date: _____

Required Courses (52 credits)

Anatomy

ANAT/BIOC 212 (w) [3] () Molecular Mechanisms of Cell Function
 ANAT 214 (f) [3] () Systemic Human Anatomy
 ANAT 261 (f) [4] () Dynamic Histology
 ANAT 262 (w) [3] () Molecular and Cell Biology
 ANAT 432 (f-w/s) [9] () Honours Research Project

Comments:

Chemistry

CHEM 212 (f/s) [4] [] CEGEP ORG I. / Organic Chemistry I
 CHEM 222 (w/s) [4]C CEGEP ORG II. / Organic Chemistry II

Biology

BIOL 200 (f) [3] () Molecular Biology
 BIOL 202 (w) [3] () Genetics
 BIOL 301 (f/w) [4] () Cell and Molecular Laboratory

Physiology

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

Statistics (f/w/s)

MATH 203 [3] () Statistics or
 PSYC 204 [3] () Psych Statistics or
 BIOL 373 [3] () Biometry or
 CEGEP STATS ()

Immunology

MIMM 214 (w) [3] () Introductory Immunology: Elements of Immunity

Complementary Courses (21 credits) ***At least 6 credits completed at the 400-level or above***

- Advanced Anatomy Courses (AAC) (18 cr)**

ANAT 314 (w) [3] () Human Musculoskeletal Anatomy
 ANAT 321 (f) [3] () Circuitry of the Human Brain *(Not open to students who have taken ANAT 323)*
 ANAT 322 (w) [3] () Neuroendocrinology
 ANAT 323 (f) [3] () Clinical Neuroanatomy *(Not open to students who have taken ANAT 321)*
 ANAT 365 (f) [3] () Cellular Trafficking
 ANAT 381 (f) [3] () Experimental Embryology
 ANAT 416 (w) [3] () Development, Disease and Regeneration
 ANAT 458 (w) [3] () Membranes and Cellular Signaling
 ANAT 541 (w) [3] () Cell and Molecular Biology of Aging
 ANAT 542 (w) [3] () TEM of Biological Samples
 ANAT 565 (w) [3] () Diseases -Membrane Trafficking
 NEUR 310 (w) [3] () Cellular Neurobiology

- Biologically Oriented Courses (BOC) (3 cr):**

[ACB Honours Program Requirements - Programs, Courses and University Regulations](#)

U1		U2		U3	
Fall	Winter	Fall	Winter	Fall	Winter

Summer:

BSc Degree = 120 credits total / 90 credits for U1 students from CEGEP: www.mcgill.ca/study/faculties/science/undergraduate/ug_sci_degree_reqs
 Restrictions on courses outside of Arts & Science: www.mcgill.ca/science/undergraduate/handbook#outside-courses
 Suggested electives: www.mcgill.ca/science/undergraduate/handbook#bsc-U0-suggested-electives
 MACSS (students' society): <https://macssmcgill.com/>

This document is to be used only as a guideline. You must ensure that you have the proper credit & course requirements to successfully complete your program and degree! Review all information carefully and meet with your program advisor and Science advisor at SOUSA once a year.