

MEDICAL SCIENCES CORE CURRICULUM MAP (SEE CORE COURSE EQUIVALENTS BELOW)

	1 st Term	2 nd Term
Year 1 [^]	Biology (BIOL 1010) Chemistry (CHEM 1011) Calculus (MATH 1215) Psychology (PSYO 1011) Elective*	Biology (BIOL 1011) Chemistry (CHEM 1012) Statistics (STAT 1060) Psychology (PSYO 1012) Elective*
Year 2	Cell Biology (BIOL 2020) <u>or</u> Genetics (BIOL 2030) Organic Chemistry (CHEM 2401) Neurophysiology (PHYL 2041) Microbiology (MICI 2100) Elective or Biochemistry (BIOC 2300)	Genetics & Mol. Biol. (BIOL 2030) <u>or</u> Cell (BIOL 2020) Biochemistry (BIOC 2300) <i>or Elective</i> Physiology (PHYL 2044) Social Determinants of Health (EPAH 2010) Organic Chemistry (CHEM 2402)
Year 3	Pharmacology (PHAC 3030) Physics (PHYC 1310) Immunology (MICI 3115) Bioethics (PHIL 2805)*** or Selective Elective	Anatomy (ANAT 3010) Pathology (PATH 3000) Bioethics (PHIL 2810)*** or Selective Selective Elective
Year 4	Honours or Selective Epidemiology (EPAH 4010) Selective Advanced Selective** or Selective Elective	Honours or Capstone Selective Selective Advanced Selective or Selective Elective

[^]Integrated Science Program (ISP) classes in Biology, Psychology, and Statistics will be accepted as alternatives to the first-year core classes in these fields

*We recommend one or both Electives in first year be used to fulfill the Writing requirement of the College of Arts & Science (see calendar for a list of acceptable classes)

** At least one Advanced Selective is required

***Either PHIL 2805 (Fall) or 2810 (Winter) can be used as the core Ethics course

Courses in blue are new as of 2024/25

Course Equivalents:

BIOL1010 – BIOL1020; SCIE 1505X/Y; SCIE1506 + 1507

BIOL1011 – BIOL1021; SCIE 1505X/Y; SCIE1506 + 1507

MATH1215 – MATH1000

PHYC1310 – PHYC 1190

PSYO1011 – PSYO 1021; PSYO1031; SCIE 1505X/Y; SCIE1506 + 1507

PSYO1012 – PSYO1022; PSYO1032; SCIE 1505X/Y; SCIE1506 + 1507

STAT1060 – MATH 1060; SCIE 1505X/Y; SCIE1506 + 1507

CHEM 1001 is an exclusion for CHEM 1011/1021 and CHEM 1012/1022. It does not serve as a prerequisite for any other chemistry class, nor does it count as a chemistry credit towards any degree with a chemistry component.