

Course Code	Course Name	Instructor (s)	Summer 2021	Minimum Qualifications/Background Requirements
ANAT 100	Anatomy of the Human Body	MacKenzie	Online	Completed a minimum of 3 years preferably in Life sciences/Biochemistry (Biology and Psychology may also be considered). Candidates should have completed at least one human anatomy course of course in which anatomy is part of and achieved a B average.
ANAT 380	Clinically Relevant Human Anatomy	MacKenzie & Reifel	Online	Minimum fourth-year students who have completed anatomy and physiology courses.
BCHM 218	Molecular Biology	Chan & Pennimpede	Online	Candidates must have completed a minimum of 3 years and have a strong background in biochemistry.
BCHM 270	Biochemical Basis of Health and Disease	Pruss & Van Staaldunin	Online	Candidates must have taken one of BCHM 270 or BCHM 310/316 (or equivalent) with a minimum grade of B+, and completion of BScH or 4th year standing in Biochemistry, Life Sciences or similar degree. Previous TA experience and a passion for diseases is an asset, but not required.
BCHM 370	Genetics & Genomics	Van Staaldunin	Online	Candidates must have completed one or more of BCHM 218, BCHM 270, or BIOL 205, BIOL 331 (or equivalent). Completion of BScH in Life Science, Biochemistry, Biology (or equivalent).
IDIS 173 (formerly BMED 173)	History and Philosophy of Health and Healthcare	Cline	Online	Currently registered in a postgraduate or professional program and have a background in ethics. Background in healthcare ethics and online teaching is an asset but not required.
HSCI 270 (formerly BMED 270)	Fundamentals of Health Research Methodology	Ouellete-Kuntz & Linden	Online	Candidates must have taken one of HSCI 270 (formerly BMED 270), EPID301 or EPID 801 (or course equivalent). Minimum grade of A. Course or experience in qualitative research is an asset, but not required.
IDIS 373 (formerly BMED 373)	Health Ethics, Law and Policy	Cline	Online	Currently registered in a postgraduate or professional program and have a background in ethics. Background in healthcare ethics and online teaching is an asset but not required.
BMED 483	Advanced Topics Infectious Diseases	Sheth	Online	Candidates must have taken MICR 360 or equivalent. Background knowledge in microbiology is required. Previous experience as a TA is an asset.
CANC 380	Evolutionary Biology of Cancer	Cotechini	Online	Currently registered in a postgraduate or professional program with a background in immunology and/or cancer.
GLPH 385	Biohacking and Gerontechnology	Carver	Online	Upper year standing, an interest in issues related to older adults, a background in Social Sciences, and basic understanding of biotechnology and biohacking (they do not need to be experts).
GLPH 471	Advanced Global and Population Health	Carpenter	Online	Candidates must have taken GLPH 471 (formerly BMED 471) and excelled. Currently registered in a postgraduate or professional program with a background in global or public health (or at the discretion of the instructor). Enrollment in the Masters of Public Health program would be considered an asset, but is not required.
HSCI 190	Introduction to Statistics for the Health Sciences	Wagner	Online	Candidates must currently be enrolled in a graduate or professional program and have taken introductory statistics and have experience applying statistics in health sciences research. Additional statistics and epidemiology courses and experience using SPSS will be considered an asset.
MICR 271	Introduction to Microbiology	TBD	Online	Candidates must currently be enrolled in a graduate or professional program and have taken introductory microbiology and immunology courses (preferably MICR 271, or MICR 221 and MICR 360). Additional microbiology and immunology courses and/or a specialization in microbiology/immunology will be considered and asset.
NSCI 483	Neurobiology of Learning and Memory	Boehnke	Online	Candidates must be currently enrolled in the Neuroscience Graduate Program and have taken at least one 300 level neuroscience course (NSCI 323, 324, 312 or equivalent) and at least one 400 or graduate level neuroscience seminar course.
PATH 120	Understanding Human Disease in the 21st Century	Pruss	Online	Candidates must currently be enrolled in a graduate or professional program and have taken at least one pathology course (PATH 310 or higher). Additional physiology and anatomy courses and/or a specialization in pathology and molecular medicine, translational medicine, biomedical and molecular sciences will be considered and asset.
PHAR 100	Introductory Pharmacology	TBD	Online	Minimum 3rd year standing in a relevant undergraduate program (e.g. Life Sciences, Biochemistry, Health Sciences, etc.) Must have completed PHAR 100 with a minimum grade of B+ (GPA 3.3). Previous TA experience is an asset, but not required.
PHAR 370	Fundamentals of Pharmacology and Therapeutics	Oleschuck	Online	Minimum 4th year standing in a relevant undergraduate program (e.g. Life Sciences, Biochemistry, etc.) Must have completed one of PHAR 230, PHAR 270, PHAR 370, or PHAR 340 (or equivalent) with a minimum grade of B+ (GPA 3.3). Previous TA experience is an asset, but not required.
PHAR 480	Drug Discovery and Development	Ozolins	Online	Currently registered in a post-graduate or professional program with an academic history in pharmacology and/or toxicology. Students who have previously taken DDHT 459/460 would preferentially selected. In the absence of DDHT, then PHAR 270/370/340/380/450/480 and PHAR 380/PHAR 416 would be required.
PHGY 170	Human Cell Physiology	Pruss	Online	One of PHGY 170 or BIOL 102 (or equivalent) with a minimum grade of B+. Completion of BScH or fourth year standing in Biochemistry, Life Sciences or similar. Previous TA experience is an asset, but not required.
PHGY 215	Principles of Mammalian Physiology I	Ward	Online	Completed a minimum of 3 years preferably in Life Sciences/Biochemistry (other similar programs will be considered). Candidates must have completed PHGY 215 (or equivalent) and achieved a B average.

PHGY 216	Principles of Mammalian Physiology II	Ward	Online	Completed a minimum of 3 years, preferably in Life Sciences/Biochemistry (other similar programs will be considered). Candidates must have completed PHGY 216 (or equivalent) and achieved a B average.
REPD 372	Reproduction & Development	Monsanto	Online	Candidate must be currently enrolled in a graduate program and have taken at least one of the reproduction related courses such as ANAT 409, REPD 416 (formerly ANAT 416), ANAT 309, PHGY 215, PHGY 216 or equivalent.
REPD 473	Developmental Origins of Health & Disease	Edwards	Online	Candidate must be currently enrolled in a graduate program and have taken at least one of the following courses: ANAT409, REPD 416 (formerly ANAT 416), PHAR 416.