

Course Code	Course Name	Instructor(s)	Fall 2021	Winter 2022	Minimum Qualifications/Background Requirements
ANAT 100	Anatomy of the Human Body	MacKenzie (Online) MacKenzie/Bale (Blended)	Online	Online & Blended	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	Blended	Online	Minimum fourth-year students who have completed anatomy and physiology courses.
ANAT 471	Human Embryology	MacKenzie	N/A	Online	Completed a minimum of 4 years preferably in Life Sciences/Biochemistry (Biology may also be considered). Candidates should have completed an embryology course and achieved a B average.
BCHM 218	Molecular Biology	Chan/Pennimpede (Online) TBD (Blended)	N/A	Online & Blended	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 Staalduin	Blended	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 Staalduin	Online	Blended	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).
BCHM 482	Proteomics and Metabolomics	Campbell	N/A	Online	Candidate must have taken (BCHM 315 or equivalent) and be registered in a postgraduate program or professional with a background in biochemistry. Course or experience in quantitative research methods is an asset, but not required.
BMED 381	Clinical and Diagnostic Chemistry	Oleschuk	N/A	Blended	Completed a minimum of 3 years preferably in Life sciences/Biochemistry/Chemistry. Candidates should have completed at least one biochemistry course or course in which biochemistry is a part of and achieved a B average.
BMED 483	Advanced Topics Infectious Diseases	Sheth	Online	N/A	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 & Blended	Online	Currently registered in a postgraduate or professional program with a background in immunology and/or cancer.
CRSS 454	Cardiovascular Sciences	Adams	Online	N/A	Candidates must be a graduate student who has already taken CRSS 454.
GLPH 171	Social and Physical Determinants of Health and Disease	Phillips	Blended	Online	Post baccalaureate level with extra training in public health, epidemiology, or social and physical determinants of health.
GLPH 271	Global and Population Health	Carpenter	Online	Online & Blended	Candidates must have taken GLPH 271 (formerly BMED 271) 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.
GLPH 385	Biohacking and Gerontechnology	Carver	Blended	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	N/A	Online	Candidates must have taken GLPH471 (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.
GLPH 493	Global Health Practice	Stoner/Muis	Online	Online	Candidates should have completed a 4-year undergraduate degree with focus on population or community health, with preference given to students currently enrolled in graduate-level program in public health or epidemiology.
HSCI 190	Introduction to Statistics for the Health Sciences	Wagner	Online	Blended	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.
HSCI 270	Fundamentals of Health Research Methodology	Ouellete-Kuntz/ Linden (Online) Linden (Blended)	Blended	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.
HSCI 383	Advanced Research Methodologies	Egan/Dalgarno	N/A	Online	One of HSCI 270 (formerly BMED 270) or EPID 301 or HLTH 252 or PSYC 203 or SOCY 210. Course or experience in qualitative and quantitative research methods is an asset, but not required.
IDIS 173	History and Philosophy of Health and Healthcare	Cline (Online) Butler (Blended)	Online	Online & Blended	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.
IDIS 199	The Science of Mental Health, Well-being, and Resiliency	Duffy/Cunningham	Online	Online	Completed a minimum of 3 years preferably in Life sciences/Health Sciences or Psychology program. Candidates should have completed at least one psychology or health-related course and achieved a B average.

IDIS 280	Interprofessional Approaches in Healthcare	Brander	Online	Online	Completion of BHSc in Life Sciences, health professional degree and/or similar. Work or volunteer experience in health, first aid and/or wellness/fitness contexts an asset. Formal experience in working with teams and/or groups an asset. Previous TA experience also an asset but not required.
IDIS 373	Health Ethics, Law and Policy	Cline (Online) Butler (Blended)	Blended	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.
IDIS 480	Advanced Interprofessional Approaches in Healthcare	Brander	Online	N/A	Completion of BHSc in Life Sciences, health professional or similar. Work or volunteer experience in health, first aid and/or wellness/fitness contexts an asset. Formal experience in working with teams and/or groups an asset. Previous TA experience also an asset but not required.
MICR 270	Infection, Immunity, and inflammation	Sheth	Online	Online & Blended	Candidates must have taken MICR360 or equivalent. Background knowledge in basic microbiology and immunology. Previous experience as a TA is an asset.
MICR 271	Introduction to Microbiology	Lohans	Online	N/A	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.
MICR 386	Fundamentals of Immunology in Health and Disease	Szewczuk (Online) Cotechini (Blended)	Online	Blended	Candidates must be currently enrolled in a graduate program and have taken MICR360 (or equivalent) and at least one immunology course at the 400 level (or above) with a minimum grade of a A-. Specialization in immunology an asset.
NSCI 483	Neurobiology of Learning and Memory	Boehnke	Online	N/A	Candidates must be currently enrolled in the Neuroscience Graduate Program and have taken at least one 300 level neuroscience course (NSCI323,324,312 or equivalent) and at least one 400 or graduate level neuroscience seminar course.
PHAR 100	Introductory Pharmacology	Turner/Nakatsu (Online) Mulder (Blended)	Online & Blended	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	Ozolins (Online) Mulder (Blended)	Online	Blended	Minimum 4th year standing in a relevant undergraduate program (e.g. Life Sciences, Biochemistry, etc.) Must have completed one of PHAR 230, PHAR 270 or PHAR 340 (or equivalent) with a minimum grade of B+ (GPA 3.3). Previous TA experience is an asset, but not required.
PHAR 380	Drug and Environmental Toxicology	Philbrook	Online	Online & Blended	Currently registered in a post-graduate or professional program with an academic history in pharmacology and/or toxicology. Students who have previously taken PHAR 270, PHAR 340, PHAR 450, and/or PHAR 416 (or equivalents) will be preferentially selected.
PHAR 480	Drug Discovery and Development	Ozolins	Online	N/A	Currently registered in a post-graduate or professional program with an academic history in pharmacology and/or toxicology. Students who have previously taken DDHT459/460 would preferentially selected. In the absence of DDHT, then PHAR270/370/340/380/450/480 and PHAR380/PHAR416 would be required.
PHGY 170	Human Cell Physiology	Pruss (Online) Ward (Blended)	Online & Blended	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 & Blended	Online	Completed a minimum of 3 years preferably in Life Sciences/Biochemistry (other similar programs will be considered). Candidates must have completed PHGY215 (or equivalent) and achieved a B average.
PHGY 216	Principles of Mammalian Physiology II	Ward	N/A	Online & Blended	Completed a minimum of 3 years, preferably in Life Sciences/Biochemistry (other similar programs will be considered). Candidates must have completed PHGY216 (or equivalent) and achieved a B average.
REPD 372	Reproduction & Development	Monsanto (Online) Monsanto/Natale (Blended)	Online & Blended	Online	Candidate must be currently enrolled in a graduate program and have taken at least one of the reproduction related courses such as ANAT409, REPD 426 (formerly ANAT416), ANAT 309, PHGY 215, PHGY216 or equivalent.
REPD 473	Developmental Origins of Health & Disease	Edwards	Online	Online	Candidate must be currently enrolled in a graduate program and have taken at least one of the following courses: ANAT409, REPD416 (formerly ANAT 416), PHAR 416.