



# BIOMEDICAL AND MOLECULAR SCIENCES - MASTER OF SCIENCE (ANATOMICAL SCIENCES)

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## Pattern II: Master of Science (Anatomical Sciences)(M.Sc.[A.S.]

The Master of Science in Anatomical Sciences is a 16-month intensive program of courses and practicum focused on educating and training students to teach and design anatomical curriculum in health sciences. This program is structured around three basic pillars of post-secondary education: Content, Pedagogical and Inquiry Competence. The students are provided with in-depth courses in the four anatomical disciplines, together with courses on teaching and learning in higher education (one 6.0 unit course, and six 3.0 unit advanced courses). Students lacking the appropriate undergraduate background in histology will be required to take an additional 3.0 unit course.

The practicum provides the students with hands-on experience in human gross anatomy dissection, techniques in specimen preparation, histology techniques, electronic media, digital imaging technology for anatomical sciences, and classroom (both large and small) and laboratory teaching in undergraduate and graduate courses.

The students also complete an independent research study with project topics selected from areas in Anatomy and Cell Biology, Pedagogy in Anatomical Sciences or Instructional Technology.

Students are admitted annually on September 1.

### Admission Requirement

A recognized honours degree with a background in Biology or Health Sciences or equivalent professional degrees (BN.Sc., B.Sc. PT).