

For all Western Graduate Programs:

**Admissions:**

Students must first be accepted into a home graduate program at Western; the primary supervisor must have mentor status in the CMHR Specialization.

Application to CMHR is normally made within the first term of graduate study although applications will be evaluated on a case-by-case basis for existing graduate students.

**Advisory Committees:**

When possible (based on expertise) should include at least one member of the Bone & Joint Institute in addition to the primary supervisor.

**Course Requirements:**

MSK9000 & MSK9100. See table below for program-specific requirements.

**Comprehensive PhD Exams (exceptions listed below):**

PhD students must fulfill the comprehensive exam requirements of their home Program. Comprehensive Exams will cover areas relevant to the student’s project and include aspects of MSK health research. When possible, examination committees should include at least one faculty member of the CMHR Specialization who is not already a member of the advisory committee.

**Yearly Participation Requirements:**

Students will attend at least 75% of monthly Bone & Joint Institute (BJI) seminars, BJI workshops (when applicable), 2 of 4 CMHR Ivey Health Leadership workshops, and present their research at the annual BJI retreat and/or Canadian Bone and Joint Conference.

| Program                                   | Courses  | Other requirements   |
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| Anatomy & Cell Biology – Clinical Anatomy | MSK 9000 & 9100 will be in addition to the required courses in Anatomy & Cell Biology.   | See home program requirements for details  |
| Anatomy & Cell Biology (research stream)  | MSK 9000 & 9100 will serve as or replace one required full course (1.0 credit or equivalent).  | See home program requirements for details  |
| Biochemistry                              | MSK 9000 & 9100 will serve as or replace two 0.25 credit courses.  | Students in Biochemistry will be expected to complete the 0.25 credit Biochemistry Seminar course and one additional 0.25 credit course in Biochemistry. |
| Biomedical Engineering                    | each course will serve as a separate elective credit toward the BME M.E.Sc. or Ph.D. coursework requirements. This policy will be applied retroactively to any current students who have already successfully completed MSK 9000 and/or MSK 9100 | See home program requirements for details  |
| Chem & Biochem Engineering                | MSK 9000 & 9100 will serve as or replace one required full course (1.0 credit or equivalent).  | See home program requirements for details  |
| Chemistry                                 | MSK 9000 & 9100 will serve as, or replace two elective half course (0.5 credit each) in the Chemistry program.   | See home program requirements for details  |
| Electrical Engineering                    | MSK 9000 & 9100 will serve or replace up to 2 of the technical course requirements in the Graduate Program in Electrical and Computer Engineering  | See home program requirements for details  |

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| Epidemiology & Biostatistics       | MSK 9000 & 9100 will serve as or replace elective courses in the Epi/Biostats program.  | See home program requirements for details   |
| Health & Rehabilitation Sciences   | MSK 9000 & 9100 will serve as or replace electives or equivalent courses in the HRS program Field when appropriate approval from HRS is gained.<br><br>An individualized plan of study with the list of course and seminar requirements will be developed for each student in consultation with the supervisor and advisory committee members.  | Students must fulfill the course and seminar requirements of both the HRS Program Field & CMHR Specialization.<br>The advisory committee for students in both programs will be established according to the guidelines of the HRS program field. Additionally to the supervisor, at least one member must be from the MHR program. This person may or may not be a member of the HRS program. |
| Kinesiology                        | MSK 9000 & 9100 will serve as or replace one required full course (1.0 credit or equivalent).   | See home program requirements for details   |
| Mechanical & Materials Engineering | <b>MESc/PhD Students:</b><br>MSK 9000 & 9100 will be in addition to two MME Graduate Courses at the 9600 & 9700 level. Due to the nature of the MHR Program MME 9511 would also be an acceptable elective for MHR Students.<br><br><b>MEng Students:</b><br>Required to take 8 half graduate courses and an MEng Project equivalent to 2 half courses.<br><ul style="list-style-type: none"> <li>• Specifically:<br/>2 professional courses offered by Engineering</li> <li>• MSK 9000</li> <li>• MSK 9100</li> <li>• 4 additional MME Graduate courses at the 9500 or 9600 level.</li> </ul> | <b>MESc/PhD Students:</b><br>Required to take a total of 4 half graduate courses (0.5 credits each).  |
| Medical Biophysics                 | MSK 9000 & 9100 will be in addition to the required Scientific Communications (9513) in Medical Biophysics  | Students are required to attend weekly seminars and annual presentation at the Medical Biophysics Graduate Seminars.  |
| Microbiology & Immunology          | MSK 9000 & 9100 will serve as or replace one required full course (1.0 credit or equivalent)  | See home program requirements for details   |
| Pathology and Laboratory Medicine  | MSK 9000 & 9100 will serve as or replace one required full course (1.0 credit or equivalent) when appropriate approval from the Graduate Program in Pathology & Laboratory Medicine is gained.  | See home program requirements for details   |

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| Physiology & Pharmacology | MSK 9000 & 9100 will serve as or replace one required full course (1.0 credit or equivalent). | Students will fulfill other academic non-course requirements in the Graduate Program in Physiology and Pharmacology, including completion of the Ph.D. student seminar and completion of basic competency requirements. |
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