

## 5.4 MULTIDISCIPLINARY EDUCATION REQUIREMENT

The purpose of this requirement is to ensure students receive a broad, multidisciplinary learning experience, and are exposed to a variety of research methods, conceptual frameworks, and ways of knowing. This requirement is not intended to be a constraint but rather encourage students to explore secondary areas of interest and/or to complement their declared major/minor programs in unique ways that support their distinct learning and career goals. Students in the Faculty of Arts, the Faculty of Science, and the Bachelor of Physical Education Studies must successfully complete a minimum of 6 credit hours from courses in the natural sciences, 6 credit hours from courses in the social sciences, and 6 credit hours from courses in the humanities.

Students can choose freely from departmental course offerings as outlined below, although prerequisites and some restrictions apply. Departments marked with one or more \* have specific course lists at the bottom of each section because they are interdisciplinary programs with courses in more than one area. For departments that do not have one or more \*, ALL course offerings of that department meet the requirement in that area, so no list is necessary.

The Multidisciplinary Education Requirement is distinct from the Indigenous Course Content Requirement, though the same course may count towards satisfying both.

As mentioned above, the following lists are only relevant for courses in certain departments that are interdisciplinary in nature. Students and advisors should take care to ensure that they are picking courses that satisfy the requirements for the right area.

### **Requirement for 6 credit hours in the Natural Sciences**

Courses from the following departments and programs will fulfill this requirement: Applied Disaster & Emergency Studies\*, Biology, Chemistry, Geography & Environment\*\*, Geology, Mathematics & Computer Science, Physics & Astronomy.

#### **\*ADES – NATURAL SCIENCES COURSES**

40:153 Introduction to Natural and Technological Hazards  
40:251 Hazards: Causes and Physical Dynamics  
40:253 Hazards and Risk Assessment  
40:357 Geospatial Tools for Disaster and Emergency Management

#### **\*\*GEOGRAPHY & ENVIRONMENT – NATURAL SCIENCES COURSES**

38:170 How Earth Works: Applied Physical Geography  
38:250 Introduction to Weather and Climate  
38:267 Sustainable Prairie Ecosystems  
38:278 Geomorphology  
38:286 GIS I – Principles of Spatial Data and Cartographic Design  
38:290 Global Environmental Change  
38:291 Soils and Soil Conservation  
38:292 Geography of Water Resources  
38:353 Introduction to Remote Sensing  
38:373 Biogeography and Wildlife Management  
38:375 Hydrology  
38:376 GIS II – Spatial Data Management and Analysis  
38:477 Seminar in Applied Geomatics Techniques

### **Requirement for 6 credit hours in the Social Sciences**

Courses from the following departments and programs will fulfill this requirement: Anthropology, Applied Disaster & Emergency Studies\*, Economics, Gender & Women's Studies\*\*\*, Geography & Environment\*\*, Native Studies, Political Science, Psychology, Rural & Community Studies, Sociology.

#### **\*ADES – SOCIAL SCIENCES COURSES**

40:151 Introduction to Disaster Studies  
40:152 Introduction to Emergency Management  
40:254 Disaster Movies: Fact or Fiction  
40:273 Sociology of Disaster  
40:353 Health Sector Emergency Management  
40:354 Gender and Disaster  
40:356 Social Vulnerability Assessment in Disaster Management

#### **\*\*GEOGRAPHY & ENVIRONMENT – SOCIAL SCIENCES COURSES**

38:179 World Regional Geography  
38:180 People and Places: An Introduction to Human Geography  
38:192 Environment and Society  
38:251 Health, Place, and Environment

38:280 Political and Economic Geography  
38:282 Cultural Geography  
38:283 Canada: A Regional Geography  
38:294 Outdoor Recreation and Tourism  
38:350 Food, Communities, and Justice: Geographies of Food  
38:360 Rural and Small Town Canada  
38:381 Urban Geography  
38:384 Wilderness and Protected Areas Management

**\*\*\*GWS – SOCIAL SCIENCES COURSES**

Courses cross-listed with GWS will follow the category of the other department. GWS courses that are not cross-listed with another program are defined as follows:

36:101 Introduction to Gender & Women's Studies  
36:261 Diverse Masculinities  
36:366 Critical Readings in Gender  
36:385 Gender and Women's Studies Practicum

**Requirement for 6 credit hours in the Humanities**

Courses from the following departments and programs will fulfill this requirement: English, Drama, & Creative Writing, Francophone Studies & Languages, Gender & Women's Studies\*, History, Philosophy, Religion, Visual Art.

**\*GWS – HUMANITIES COURSES**

Courses cross-listed with GWS will follow the category of the other department. GWS courses that are not cross-listed with another program are defined as follows:

36:253 Gender in Transnational Perspectives  
36:255 Sex, Gender, Popular Culture  
36:343 Transnationalism and Women's Lived Experiences

**Double-Counting Multidisciplinary Courses**

Courses used to satisfy the multidisciplinary requirement can also count as courses required to complete the major, stream, concentration, or minor. Courses used to satisfy the multidisciplinary requirement may also simultaneously satisfy major/minor ancillary course requirements and the Indigenous Content Course Requirement (see section [3.11](#)), and they can also count as degree-level electives.

**Clarifications:**

- a) Students in second undergraduate degrees are exempt from this requirement.
- b) 090 courses cannot count towards the Multidisciplinary Education Requirement.
- c) Students cannot use courses from a single department to satisfy more than one area of the Multidisciplinary Education Requirement. For example, courses in Geography cannot be used to satisfy BOTH the Natural Science and the Social Science component.
- d) Cross-listed courses will count under the department or program number that the student has registered in.