<table>
<thead>
<tr>
<th>Year</th>
<th>Core</th>
<th>Additional</th>
<th>Electives</th>
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<tbody>
<tr>
<td>I</td>
<td>Bio 1M03</td>
<td>15 Units from Science Level 1 Course List:</td>
<td>6 units from Level I electives</td>
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<tr>
<td></td>
<td>Math 1A03</td>
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<td>Math 1LS3</td>
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<tr>
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<td>Envir Sc 1B03</td>
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<td>Envir Sc 1C03</td>
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<td>Envir Sc 1G03</td>
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<tr>
<td>II</td>
<td>12 units from:</td>
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<td>Stats 2B03</td>
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<td>9 units from Envr. Sc. Course List</td>
<td>18 units from Level III, IV in Envr. Sc. Course List</td>
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Please note: No more than 48 units may be Level I courses

Please note that the Level I Course List excludes the following courses:
- BIOLOGY 1P03
- CHEM 1R03
- MATH 1F03
- MATH 1K03
- STATS 1L01

Environmental Sciences Course List

- ASTRON 2E03
- ENVIR SC 2B03
- ENVR SC 4B03
- BIOLOGY 2D03
- ENVIR SC 2C03
- ENVR SC 4B3
- BIOLOGY 2F03
- ENVIR SC 2E03
- ENVR SC 4C0
- BIOLOGY 3D03
- ENVIR SC 2E3
- ENVR SC 4C3
- BIOLOGY 3S83
- ENVIR SC 2G13
- ENVR SC 4E0
- BIOLOGY 3R03
- ENVIR SC 2W03
- ENVR SC 4GA3
- BIOLOGY 3R3
- ENVIR SC 2W03
- ENVR SC 4GA3
- BIOLOGY 4A03
- ENVIR SC 3B03
- ENVR SC 4FF3
- BIOLOGY 4B03
- ENVIR SC 3B3
- ENVR SC 4F03
- ENVIR SC 3E03
- ENVR SC 4F03
- ENVIR SC 3E3
- ENVR SC 4F3
- ENVIR SC 3G13
- ENVR SC 4G03
- ENVIR SC 3G3
- ENVR SC 4G3
- ENVIR SC 3G3
- ENVR SC 4G4
- ENVIR SC 3GVI
- ENVR SC 4H03
- ENVIR SC 3M03
- ENVR SC 4H3
- ENVIR SC 3M03
- ENVR SC 4H3
- ENVIR SC 3M3
- ENVR SC 4I03
- ENVIR SC 3M3
- ENVR SC 4I03
- ENVIR SC 3N03
- ENVR SC 4I03
- ENVIR SC 3O03
- ENVR SC 4J03
- ENVIR SC 3P03
- ENVR SC 4J03
- ENVIR SC 3QQ3
- ENVR SC 4K03
- ENVIR SC 3SA3
- ENVR SC 4K03
- ENVIR SC 3SB3
- ENVR SC 4L03
- ENVIR SC 3W03
- ENVR SC 4L03
- ENVIR SC 3W03
Notes Applicable to all Honours Earth and Environmental Sciences Programs

Earth and Environmental Sciences at McMaster encompass five major themes: Aqueous Environmental Geochemistry, Earth Sciences, Environmental Hydrology and Climate, Environmental Policy, GIS and Spatial Analysis. It should be noted that each thematic area has its own sequence of courses and prerequisites (see the Course Listings section in the Undergraduate Calendar). Students may elect to take some or all of the upper level courses from different areas. In addition, there is a set of courses encompasing research design, field work, internships, and the senior thesis or review paper.

AQUEOUS ENVIRONMENTAL GEOCHEMISTRY
EARTH SC 2L03, 3CC3, 3L03, 3O03, 3T03, 4CC3, 4FE3, 4M03, 4N03

EARTH SCIENCES
EARTH SC 2E03, 2I03, 2K03, 2M03, 2T03, 3E03, 3K03, 3P03, 3QQ3, 3SR3, 3T03, 3V03, 3Z03, 4E03, 4G03, 4J03, 4T03, 4V03

ENVIRONMENTAL HYDROLOGY AND CLIMATE
EARTH SC 2B03, 2C03, 2W03, 3B03, 3CC3, 3N03, 3U03, 3W03, 4BB3, 4C03, 4CC3, 4W03, 4WB3

ENVIRONMENTAL POLICY
EARTH SC 2EI3, 4EA3; ENVIR SC 3EE3, 4HH3; GEOG 3EC3

GEOGRAPHIC INFORMATION SYSTEMS (G.I.S) AND SPATIAL ANALYSIS
EARTH SC 2GI3, 3GI3, 3SR3, 3GV3, 4GA3; GEOG 4GS3, 4GT3

Students aiming to meet the academic requirements for professional registration of Geoscientists in Ontario can find additional information on these requirements on the website: http://www.science.mcmaster.ca/geo/undergraduate/programs/science.html. Students are encouraged to consult with the academic advisor in the School of Geography and Earth Sciences to ensure proper selection of courses for professional registration.

ADMISSION NOTE
Two of ENVIR SC 1A03, 1B03, 1C03, 1G03 must be completed by the end of Level II.

ADMISSION
Completion of any Level I program with a Cumulative Average of at least 6.0 including:

3 units from ENVIR SC 1A03, 1B03, 1G03 with a grade of at least C+ (See Admission Note above.)

NOTE: Students who have satisfied all above admission criteria and have a Cumulative Average between 5.5 and 5.9 will be admitted to the program, on Program Probation. Students may be on Program Probation only once. Eligibility to continue in the program will require a Cumulative Average of at least 6.0 at the next academic review.

See front for complete set of course requirements