The MSc degree in Atmospheric & Oceanic Sciences requires a minimum of 45 credits. The majority of students will register for 24 credits (eight courses) of coursework, and 24 credits of thesis courses.

(Students with a strong background in atmospheric or oceanic science will register for fewer credits of coursework, but must still complete a minimum of 45 credits. Additional information is provided on Page 2 of this document.)

**Typical registration schedule – MSc students:**

<table>
<thead>
<tr>
<th>MSc 1</th>
<th></th>
<th>ATOC courses offered in Fall 2019</th>
</tr>
</thead>
</table>
| Fall   | Four 3-credit ATOC courses (500 or 600 level) | ATOC 512 Atmospheric and Oceanic Dynamics  
ATOC 525 Atmospheric Radiation  
ATOC 531 Dynamics of Current Climates  
ATOC 540 Synoptic Meteorology 1  
ATOC 670, 671, 672 Reading Courses  
Other 500-level courses may sometimes be offered in addition to or in place of some of those listed above |
| Winter | Four 3-credit ATOC courses (500 or 600 level) | ATOC courses offered in Winter 2020 |
|        | No courses; full-time work on thesis | ATOC 513 Waves and Stability  
ATOC 519 Advances in Chemistry of Atmosphere  
ATOC 521 Cloud Physics  
ATOC 541 Synoptic Meteorology 2  
ATOC 548 Mesoscale Meteorology  
ATOC 557 Research Methods: Atmospheric and Oceanic Sciences  
ATOC 670, 671, 672 Reading Courses  
Other 500-level courses may sometimes be offered in addition to or in place of some of those listed above |
| Summer | ATOC 691 (thesis course; 3 credits)  
ATOC 692 (thesis course; 6 credits)  
ATOC 694 (thesis course; 3 credits) | Students typically complete degree requirements in either the Winter or the Summer semester of the MSc 2 year. |
|        | ATOC 699 (thesis course; 12 credits) | Students typically complete degree requirements in either the Winter or the Summer semester of the MSc 2 year. |
|        | If program is not completed in Winter of the MSc 2 year:  
No courses; full-time work on thesis |  

*Updated 26-Sep-2019*
Students with a strong background in atmospheric or oceanic science, or a Diploma in Meteorology

For students with a strong background in atmospheric or oceanic science, or a Diploma in Meteorology, the courseload may be reduced in consultation with the Graduate Program Director and the supervisor. Such students may register for additional thesis courses ATOC 693 (6 credits) and/or ATOC 695 (6 credits) if needed to complete the 45 credits required for the program.

Approval of the Graduate Program Director is required in all such cases.

McGill University Course Schedule

To access the McGill University Course Schedule:

2. Select the desired term
   (please note that ATOC courses are offered in Fall and Winter only; courses offered by other departments may be scheduled in Fall, Winter, or Summer)
3. Select the desired subject
   (for example, all courses offered by our department are listed under subject code “ATOC“)
4. Leave default settings in all other fields
5. Click on the “Get Course Sections” button

Notation used for days of the week: “T” is used to indicate Tuesday; “R” is used to indicate Thursday.

When consulting the class schedule, please verify whether a course is offered in the selected semester by reviewing the course status (Active/Cancelled) in the rightmost column.

Credit system at McGill University

Most courses in our program are assigned a weight of 3 credits. At McGill a 3-credit course normally indicates three hours of lectures per week for one term (13 weeks). However there are normally no lectures associated with thesis courses.

Credit load required for full-time status

MSc 1 and MSc 2 students must be registered for a minimum of 12 credits in the Fall and 12 credits in the Winter in order to maintain full-time status. Students in our program typically do not register for courses in the Summer semester.

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i Thesis courses:
Thesis courses are Pass/Fail courses designed to grant academic credit for work done on the thesis. There are normally no lectures or examinations associated with thesis courses.