1.0 Degree Title
Specify the two degrees for concurrent degree programs

Ph.D.

1.1 Major (Legacy = Subject) (30-char. max.)
Atmospheric & Oceanic Sciences

1.2 Concentration (Legacy = Concentration/Option)
If applicable (30 char. max.)

1.3 Minor (with Concentration, if applicable)
(30 char. max.)

1.4 Category
- Faculty Program (FP)
- Major
- Joint Major
- Major Concentration (CON)
- Minor
- Minor Concentration (CON)
- Honours (HON)
- Joint Honours Component (HC)
- Internship/Co-op
- Thesis (T)
- Non-Thesis (N)
- Other
Please specify

1.5 Complete Program Title
Ph.D. in Atmospheric & Oceanic Sciences

2.0 Administering Faculty/Unit

GPSO

3.0 Effective Term of revision or retirement
Please give reasons in 5.0 “Rationale” in the case of retirement
(Ex. Sept. 2004 = 200409)
- Retirement
Term: 200901

4.0 Existing Credit Weight
0 credits
Proposed Credit Weight
0 credits

5.0 Rationale for revised program
This revision will serve to formally incorporate ATOC 751 D1/D2 or ATOC 752 D1/D2 into the Ph.D. program, as all students in the program are expected to present their research to date at least once per academic year as a part of this seminar series.

Also, the credit weight for ATOC 751D1/D2 will be reduced from 6 credits to 1 credit to bring it line with ATOC 752D1/D2 (1 credit).

6.0 Revised Program Description (Maximum 150 words)

[The program description will not change.]
7.0 List of existing program and proposed program

Existing program (list courses as follows: Subject Code/Course Number, Title, Credit weight, under the headings of: Required Courses, Complementary Courses, Elective Courses)

### Ph.D. in Atmospheric & Oceanic Sciences

**Required (7 credits)**

- ATOC 700 Ph.D. Thesis Proposal (1)
- ATOC 701 Ph.D. Comprehensive (General) (0)
- Plus two courses in the Department of Atmospheric and Oceanic Sciences, at the 500- or 600-level, as approved by the Graduate Program Director.

The standard Graduate and Postdoctoral Studies Office requirements concerning a thesis must be satisfied.

Proposed program (list courses as follows: Subject Code/Course Number, Title, Credit weight, under the headings of: Required Courses, Complementary Courses, Elective Courses)

### Ph.D. in Atmospheric & Oceanic Sciences

**Required (8 credits)**

- ATOC 700 Ph.D. Thesis Proposal (1)
- ATOC 701 Ph.D. Comprehensive (General) (0)
- ATOC 751 D1 Seminar: Physical Meteorology (.5) and ATOC 751 D2 Seminar: Physical Meteorology (.5)
- Or
- ATOC 752 D1 Atmospheric, Oceanic & Climate Dynamics (.5) and ATOC 752 D2 Atmospheric, Oceanic & Climate Dynamics (.5)

- Plus two courses (6 credits total) in the Department of Atmospheric and Oceanic Sciences, at the 500- or 600-level, as approved by the Graduate Program Director.

Students registered in the Ph.D. program are expected to regularly attend both the student seminar series (ATOC 751 D1/D2 or ATOC 752 D1/D2) and the Departmental seminar series during the entire period of their enrollment in the program.

**Thesis:**

A written thesis followed by an oral defense. The standard Graduate and Postdoctoral Studies Office requirements concerning a thesis must be satisfied.
### 8.0 Consultation with Related Units

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Attach list of consultations

### 9. Approvals

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<td>M. K. Yau, Interim Chair</td>
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<td>Curric/Acad Committee</td>
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Submitted by

<table>
<thead>
<tr>
<th>Name</th>
<th>Vaughn Thomassin</th>
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</thead>
<tbody>
<tr>
<td>Phone</td>
<td>3764</td>
</tr>
<tr>
<td>Email</td>
<td><a href="mailto:vaughn.thomassin@mcgill.ca">vaughn.thomassin@mcgill.ca</a></td>
</tr>
<tr>
<td>Submission Date</td>
<td>23 Sept. 2008</td>
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