1. Will this new course affect a current program?  
Yes [ ]  No [X]  
If “yes”, has a Program Revision Form been submitted concurrently?  
Yes [ ]  No [ ]

2. Teaching Department:  
Redpath Museum

3. Administering Faculty/Unit:  
Science

4. Campus (Downtown, Macdonald, Off Campus, Distance Ed, Other – specify)  
Downtown

5. Effective Term of Implementation (Ex. Sept. 2004 = 200409)  
Term:  
200601

6. Responsible Instructor  
Linda Cooper

7. Course Title (Limit 30 Characters) - required for all courses:  
Writing Science Articles 2

8. Course Number(s)  
Indicate course number & the number of terms spanned: (tick all that apply)  
Subject/course number:  REDM 602  
Course(s) Span:  
[ ] 1 term  
[ ] 2 consecutive terms (D1, D2)  
[ ] 2 non-consecutive terms (N1, N2)  
[ ] 3 consecutive terms (J1, J2, J3)

9. Course Title to Appear in the Calendar (optional)  
(Limit 59 characters):  
Note: This can ONLY be an expansion of word(s) abbreviated in the 30 character course title above.  
Subject/course number:  REDM 602

10. Credit Weight  
(or CEU's for non-credit CE courses):  
3

11. Rationale for new course  
Most would agree that an important component of Ph.D. training includes critical skills for writing and publishing in their profession. Often, few Ph.D. students receive specific advice on how to write scientific articles. Writing Science Articles 2, an advanced course, fills this need by training Ph.D. students in Science to write peer-reviewed manuscripts and short, critical reviews of published articles. Clear writing is a reflection of clear thinking; therefore, this course focuses on the craft of scientific argument. Students will learn how to identify their most important findings and how to structure their manuscripts to ensure that the major findings receive appropriate attention, distinguishing them from secondary, supporting data. In addition, this seminar course will devote considerable time to deconstructing students’ own writing to help them develop logical arguments and balanced scientific texts. This course will include visits by a senior Science professor and an editor of a leading scientific journal; the Science professor will be invited to provide additional feedback on the professionalism of students’ writing, while the editor will explain, the role of reviewers and editors, what editors look for in publishable manuscripts, the peer-review process and how to respond to reviewers’ comments when revising and resubmitting manuscripts.

12. Course Description  
(as it will appear in the Calendar [maximum 50 words]):  
(N.B. Faculty of Medicine must append complete course outline)  
Writing Science Articles 2 provides Ph.D. students with skills for writing and publishing in their profession, including peer-reviewed manuscripts and short, critical reviews of published articles. Since clear writing is a reflection of clear thinking, students will learn: how to develop logical arguments and how to write publishable manuscripts.

13. Supplementary information to appear in the Calendar in addition to the course description.  
Such as: equivalent course(s), contact hours, enrolment limitations, language of instruction etc.  
Please enter the information as it should appear in the calendar notes.  
This course meets once a week for 3 hours. Enrolment is limited to 12 students and English is the language of instruction. This course is offered once in the fall and once in the winter semester and is not intended as an ESL course. Priority will be given to U2-U4 Ph.D. Science students.
### 14. Schedule Types(s):
(Enter all that apply – see course guidelines for a complete list.)
(i.e. Lecture, Labs, Tutorial)

<table>
<thead>
<tr>
<th>Hours per Week</th>
<th>Hours per Week</th>
<th>Hours per Week</th>
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<tbody>
<tr>
<td>Seminar Course</td>
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**Total Hours per Week:** 3

**Total Number of Weeks:** 13

### 15. Projected Enrolment:

12

### 16. Required text and/or preliminary reading list sent to library?

X Yes  No

### 17. Prerequisite(s) (Courses or Tests)

Specify course number(s) or name(s) of test(s):

- REDM 601 Writing Science Articles I

If the student does not have a prerequisite should web registration be blocked?

X Yes  No

If “Yes” complete A and B:

**A. Indicate minimum grade or test score(s) the student must attain in prerequisite course(s) or test(s):**

Pass

**B. Can the prerequisite course(s) or test(s) be taken in the same term as this course?**

X Yes  No

### 18. Corequisite(s) Course Number(s):

Specify course number(s) and title(s):

- 

If the student does not register for the corequisite in the same term should web registration be blocked?

No

### 19. Restriction(s):

See Attached

### 20. Consultation Reports Attached

X Yes  No

### 21. Additional Course Charges (must be approved by the Fee Policy Committee)

<table>
<thead>
<tr>
<th>Description of Fee</th>
<th>Amount</th>
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<tbody>
<tr>
<td>(e.g. screening fee)</td>
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</table>

### 22. Requires Teaching, Physical, or Financial Resources

Not Currently Available (attach explanation)

X Yes  No
# INFORMATION FOR ADMISSIONS, RECRUITMENT & REGISTRAR'S OFFICE

**To be completed by the Faculty**

- Slot Course: [ ] Yes  [ ] No
- Thesis Component: [ ] Yes  [ ] No

**To be completed by ARR**

- CIP Code

**For Continuing Education Use**

- CE Admin. Unit:
- CE Non-Grant Courses:
- Flat Rate: CdnFlat Rate: [ ] Yes  [ ] N/A

## 23. Approvals:

<table>
<thead>
<tr>
<th>Routing Sequence</th>
<th>Departmental Meeting</th>
<th>Departmental Chair</th>
<th>Other Faculty</th>
<th>Curric/Academic Committee</th>
<th>Faculty</th>
<th>SCTP</th>
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<tbody>
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<td>Name</td>
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Box 19. Restrictions:

Restricted to U2-U4 Ph.D. students in the Faculty of Science with permission of instructor. Other Ph.D. students considered, space permitting, with permission of instructor.