1. Will this new course affect a current program? □ Yes □ No
If "yes", has a Program Revision Form been submitted concurrently? □ Yes □ No

2. Teaching Department: BIOLOGY

3. Administering Faculty/Unit: SCIENCE

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

5. Effective Term of Implementation (Ex. Sept. 2004 = 200409)
   Term: 200505

6. Course Title (Limit 30 Characters) - required for all courses:
   VERTEBRATE PALAEO FIELD COURSE

7. Course Number(s)
   Subject/course number: BIOLOGY 573
   Course(s) Span: ☑ 1 term
   □ 2 consecutive terms (D1, D2)
   □ 2 non-consecutive terms (N1, N2)
   □ 3 terms (J1, J2, J3)

8. 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.
   VERTEBRATE PALAEONTOLOGY FIELD COURSE

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

10. Schedule Type(s):
    (Enter all that apply – see form, STVSCHD in Banner for a complete list.)
    (i.e. Lecture, Labs, Tutorial)
    
    | Schedule Type | Hours per Week | Hours per Week | Hours per Week |
    |---------------|----------------|----------------|---------------|
    | FIELD WORK    | 30             |                |               |
    | LECTURE       | 3              |                |               |
    |               |                |                |               |
    |               |                |                |               |

   Total Hours per Week: 33
   Total Number of Weeks: 2.5

11. Projected Enrolment:
    10
12. Prerequisite(s) (Courses or Tests)
Specify course number(s) or name(s) of test(s):

| BIOLOGY 304 AND BIOLOGY 352, OR PERMISSION |

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

| 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):

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

| Yes | ☑ No |

13. 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?

| Yes | ☑ No |

14. Consultation Reports Attached
☑ Yes  ☑ N/A

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

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

16. Requires Teaching, Physical, or Financial Resources
Not Currently Available (attach explanation)

| Yes | ☑ No |

17. Other Information (specify):

18. Course Description
(as it will appear in the Calendar [maximum 50 words]):
(N.B. Faculty of Medicine must append complete course outline)

Terrestrial vertebrate fossils (i.e. dinosaurs, crocodiles and other reptiles) and palaeocommunity analysis, including practical training with fossil identification, mapping, collecting, and stratigraphic interpretation.

19. Supplementary information to appear in the Calendar in addition to the course description.
Such as: registration restriction(s), prerequisite(s), corequisite(s), equivalent course(s), contact hours, enrolment limitations, language of instruction etc.

Please enter the information as it should appear in the calendar notes.

(3) (Summer) (Field course with completed project and presentation in the early Fall) (Prerequisites: BIOL 304 and BIOL 352, or permission of instructor) (Enrolment limited to 10 students) (Given in a selected Late Cretaceous Alberta site.)

20. Rationale

A field course in vertebrate palaeontology is not offered at McGill University, or at any other university in Canada in spite of the fact that fieldwork is an integral part of the science. This course is intended to offer fieldwork and data analysis training for interested students at McGill. Emphasis will be placed on recent advances in palaeontological data analysis, especially those of palaeocommunity analysis. These include rarefaction methods of sampling and the inclusion of stratigraphic and depositional facies biases.

This course is particularly important for the Biology Department because of its affiliation with the Redpath Museum. The museum has an active vertebrate palaeontology research program. No program change has been submitted because this course is not a required part of any program, but part of a student's optional area of specialized courses.
<table>
<thead>
<tr>
<th>Slot Course:</th>
<th>Yes</th>
<th>No</th>
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<tbody>
<tr>
<td>Thesis Component:</td>
<td>Yes</td>
<td>No</td>
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**For Continuing Education Use**

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

### 21. 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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<tr>
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**Departmental Contact Person**

(name/phone/email) 

SUSAN GABE/7045/SUSAN.GABE@MCGILL.CA

New Course Proposal Form C1-3