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)
   Downtown

5. Effective Term of Implementation (Ex. Sept. 2004 = 200409)
   Term: 200509

6. Course Title (Limit 30 Characters) - required for all courses:
   Advances in Community Ecology

7. Course Number(s)
   Indicate course number & the number of terms spanned:
   (tick all that apply)
   Subject/course number: BIOL 510
   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.
   Advances In Community Ecology

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)
    | Hours per Week | Hours per Week | Hours per Week |
    |----------------|----------------|----------------|
    | SEMINAR        | 3              |                |                |
    Total Hours per Week: 3
    Total Number of Weeks: 

11. Projected Enrolment:
    20-25
12. Prerequisite(s) (Courses or Tests)
   Specify course number(s) or name(s) of test(s):
   
   | BIOL 308 or GEOG 350 or permission of instructor |

   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)
   Description of Fee (e.g. screening fee)
   Amount

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)
   The origin, maintenance and consequences of biological diversity within ecological communities. The theoretical and empirical foundations of the field: interspecific interactions; species coexistence; local vs. regional processes, equilibrium vs. nonequilibrium perspectives; neutral vs. niche perspectives; evolution within communities; the consequences of diversity loss.

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) (Fall) (3 hours lecture/seminar)

20. Rationale
   Recent hiring within the department of Biology has resulted in a restructuring and renewal of the courses offered in Ecology and Evolution. Community ecology as a field emphasises the importance of interspecific interactions in the ecology and evolution of ecological systems. Because of this, it is the conceptual foundation of a number of other courses offered within the Biology and other departments (e.g. Invasion Biology, Limnology, Theoretical Ecology, Ecological Dynamics, Philosophy of Biology). Currently no course offers an overview of the field of community ecology and I believe its implementation would provide much needed common conceptual ground for advanced undergraduates and graduates looking to take the aforementioned courses or aspiring to a research career in the field of ecology.
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21. Approvals:

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<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>
<tr>
<td>Name</td>
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Departmental Contact Person (name/phone/email)
SUSAN GABE/ 7045/ SUSAN.GABE@MCGILL.CA