## New Course Proposal Form

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:  
   - TREES: ECOLOGY & EVOLUTION

7. Course Number(s)  
   Indicate course number & the number of terms spanned:  
   (tick all that apply)  
   - Subject/course number: BIOL 355  
     - 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.

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  
      - LECTURE: 3  
      - Total Hours per Week: 3  
      - Total Number of Weeks: 13

11. Projected Enrolment:  
    - 10-20
**12. Prerequisite(s) (Courses or Tests)**
Specify course number(s) or name(s) of test(s):

| BIOL 205 and 215, 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)

Functional ecology and evolution of trees: patterns in the diversity of tree form and function, the nature of tree adaptation to environment from the scale of habitat to global biogeography.

|  |

**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) (Prerequisites: BIOL 205 and 215 or permission of instructor) (Not open to students who have taken or are taking BIOL 555)

**20. Rationale (** see end of form for additional comment)**
The existing advanced course BIOL 555 (Functional Ecology of Trees) is organized around a series of fall lectures combined with tutorial sessions in which students work on a research project throughout the academic year. The fall lectures in BIOL 555 presently are biweekly and quite advanced; BIOL 355 would distribute and reorganize some lecture material over the full 13-week semester and provide a course pack to support the lecture material. BIOL 355 is intended as a fairly straightforward lecture course with class examinations augmented only by a term paper; BIOL 555 requires attendance at lectures, but evaluation is based on a year-long research project rather than class tests or a term paper. BIOL 555 is intended as a graduate course open to only the most serious and well-prepared undergraduates on an occasional basis. BIOL 355 is intended for undergraduates interested in an introduction to tree biology, and as a botanical complement to other organismal biology courses at the 300-level such as BIOL 335 (Marine Mammals), BIOL 327 (Herpetology), and BIOL 351 (Biology of Invertebrates). A general knowledge of tree biology supports the study of forest ecology and conservation so this course will be of use to students in a variety of programs in the Faculty of Science, the Faculty of Agricultural and Environmental Sciences and the McGill School of Environment.
** No program change submitted because this course is not a required part of any program, but a part of a student’s optional area of specialized courses.