McGill

AC-04-28
New Course Proposal Form

(09/2003)

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		Hours per Week		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 Invertrebrates). 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.

INFORMATION FOR ADMISSIONS, RECRUITMENT & REGISTRAR'S OFFICE		
To be completed by the Faculty	***To be completed by ARR***	***For Continuing Education Use***
Slot Course: ☐ **Yes** ☐ **No**	**CIP Code**	**CE Admin. Unit :**
Thesis Component: ☐ **Yes** ☐ **No**		**CE Non-Grant Courses:**
		Flat Rate: CdnFlat Rate: ☐ **Yes** ☐ **N/A**

21. Approvals:

Routing Sequence	**Departmental Meeting**	**Departmental Chair**	**Other Faculty**	**Curric/Academic Committee**	**Faculty**	**SCTP**
Name	P LASKO	P LASKO				
Signature						
Date						
Departmental Contact Person (name/phone/email)	SUSAN GABE/ 7045/ SUSAN.GABE@MCGILL.CA					

** 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.