## New Course Proposal Form

### 1. Will this new course affect a current program?
- Yes [ ]
- No [x]

If "yes", has a Program Revision Form been submitted concurrently?
- Yes [x]
- 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: 200609

### 6. Responsible Instructor
- RUDIGER KRAHE

### 7. Course Title (Limit 30 Characters) - required for all courses:
- ANIMAL COMMUNICATION

### 8. Course Title to Appear in the Calendar (optional)
- Subject/course number: BIOL 507

### 9. Course Title to Appear in the Calendar (optional)
- (Limit 59 characters):
  - ANIMAL COMMUNICATION

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

### 11. Rationale for new course

This course complements the current offerings of the Department of Biology in the fields of behavioural ecology, sociobiology and neuroethology. It will combine concepts from all of these fields to provide an integrative evolutionary view of animal communication, appropriate for advanced undergraduate students and graduate students. The course will add to the departmental offerings in Biology, Psychology, and related disciplines (behavioural ecology, evolution, neuroethology, communication sciences, and language acquisition). In addition, it will increase interactions between students in different departments. The courses listed as corequisites could be taken in the same term based on academic criteria. However, as a result of scheduling issues some may have to be taken in the term prior to BIOL 507. These courses are still considered corequisites.

### 12. Course Description

(as it will appear in the Calendar [maximum 50 words]):

Introduction to communication between animals, including humans. Physical and phylogenetic constraints on the evolution of communication systems will be discussed. The approach to communication will draw from behavioural ecology, psychology, physiology and physics, and will include the discussion of original articles.

### 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.

BIOL 507 Animal Communication (3) (Fall) (3 hours lecture) (Corequisites: BIOL 307 or equivalent and one of BIOL 306 or NEUR 310 or PHGY 311 or PSYC 308; or permission of instructor). Since all corequisites may not be offered in the same term, students are advised that they may have to plan their schedules so that they register in these courses in the term prior to BIOL 507.
### Prerequisite(s) (Courses or Tests)
Specify course number(s) or name(s) of test(s):

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

### 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

### 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>
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<td>Lectures</td>
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Total Hours per Week: 3

Total Number of Weeks: 13

### Required text and/or preliminary reading list sent to library?
- Yes
- No

### Corequisite(s) Course Number(s):
Specify course number(s) and title(s):

- BIOL307 or equiv. AND one of NEUR310 or BIOL306
- or PHGY311 or PSYC308; or permission of instructor

If the student does not register for the corequisite in the same term should web registration be blocked?
- Yes
- No

### Restriction(s):

### Consultation Reports Attached
- Yes
- N/A

### Additional Course Charges (must be approved by the Fee Policy Committee)
Description of Fee (e.g. screening fee) | Amount
---|---

### Requires Teaching, Physical, or Financial Resources
Not Currently Available (attach explanation)
- Yes
- No

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C1-2
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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<tr>
<td>Name</td>
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<tr>
<td>Departmental Contact Person (name/phone/email)</td>
<td>SUSAN GABE/7045/ <a href="mailto:SUSAN.GABE@MCGILL.CA">SUSAN.GABE@MCGILL.CA</a></td>
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INFORMATION FOR ADMISSIONS, RECRUITMENT & REGISTRAR'S OFFICE
To be completed by the Faculty
Slot Course: [ ] Yes [ ] No
CIP Code

To be completed by ARR

For Continuing Education Use
CE Admin. Unit:
CE Non-Grant Courses:
Flat Rate: CDN Flat Rate: [ ] Yes [ ] N/A