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:  Computer Science, Biology

3. Administering Faculty/Unit:  Computer Science

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

5. Effective Term of Implementation
   (Ex. Sept. 2004 = 200409)
   Term:  Fall 2009

6. Responsible Instructor  Mathieu Blanchette

7. Course Title (Limit 30 Characters) - required for all courses:
   Project in Biol. & Comp. Sci.

8. Course Number(s)
   Indicate course number & the number of terms spanned:
   (tick all that apply)
   - Subject/course number:  COMP 401
   - Course(s) Span:
     - 1 term
     - 2 consecutive terms (D1, D2)
     - 2 non-consecutive terms (N1, N2)
     - 3 consecutive terms (J1, J2, J3)

9. 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.
   Project in Biology and Computer Science

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

11. Rationale for new course
    This project course will introduce senior undergraduate students to multidisciplinary research in an application of
    computer science to biology. The project will put in practice the concepts learned in the joint Biology and Computer
    Science major. The project will be co-supervised by a professor in Biology and a professor in Computer Science. The
    program coordinator will help students identify potential supervisors, if needed. The course will be offered all year round,
    including during the summer.

12. Course Description
    (as it will appear in the Calendar [maximum 50 words]):
    (N.B. Faculty of Medicine must append complete course outline)
    A research project applying computational approaches to a biological problem. The project is co-supervised by professors
    in Biology and Computer Science.

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.
    Enrollment in the computer science/biology joint major
14. Schedule Types(s):
(Enter all that apply – see course guidelines for a complete list.)
(i.e. Lecture, Labs, Tutorial)

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<th>Hours per Week</th>
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Total Hours per Week: 9

Total Number of Weeks: 13

15. Projected Enrollment: 5

16. Required text and/or preliminary reading list sent to library?
Yes  X No

17. Prerequisite(s) (Courses or Tests)
Specify course number(s) or name(s) of test(s):
BIOL 495 – Integrative computing in Biology

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

18. 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

19. Restriction(s):
Registration in the Computer Science and Biology joint major

20. Consultation Reports Attached
□ Yes  □ N/A

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

22. Requires Teaching, Physical, or Financial Resources
Not Currently Available (attach explanation)
□ Yes  □ No
### INFORMATION FOR ADMISSIONS, RECRUITMENT & REGISTRAR'S OFFICE

To be completed by the Faculty

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<th>Slot Course</th>
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To be completed by ARR

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For Continuing Education Use

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### 23. Approvals:

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<th>Routing Sequence</th>
<th>Departmental Meeting</th>
<th>Departmental Chair</th>
<th>Other Faculty</th>
<th>Curric/Academic Committee</th>
<th>Faculty</th>
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Departmental Contact Person (name/phone/email)