1. Will this new course affect a current program?  
If “yes”, has a Program Revision Form been submitted concurrently?  
Yes ☐ No ☑

2. Teaching Department:  
Computer Science

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:  
Ugrad Bioinformatics Seminar

8. Course Number(s)  
Indicate course number & the number of terms spanned:  
tick all that apply  
Subject/course number:  
COMP 499

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.  
Undergraduate bioinformatics seminar

10. Credit Weight  
(or CEU's for non-credit CE courses):  
1

11. Rationale for new course  
The seminar will give exposure to current research topics in computational applications to biology to the students in the new joint major in Biology and Computer Science (currently being proposed). This will get them interested in research and help them prepare for graduate school. The seminar series has already been running successfully for the last 3 years and features McGill and external speakers. It is currently associated to the COMP 616 course (Bioinformatics Seminar; a part of the Bioinformatics Graduate Option). Students will need to attend 10 90-minute talks and write a short report summarizing and criticizing the scientific content of the talk and the quality of the presentation.

12. Course Description  
(as it will appear in the Calendar [maximum 50 words]):  
(N.B. Faculty of Medicine must append complete course outline)  
Introduction to current research topics in bioinformatics through a series of seminars by invited researchers.

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 complete list.)
(i.e. Lecture, Labs, Tutorial)

<table>
<thead>
<tr>
<th>Hours per Week</th>
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<th>Hours per Week</th>
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<tr>
<td>10 90-min. seminars 1.2</td>
<td>0</td>
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Total Hours per Week: 1.2
Total Number of Weeks: 13

15. Projected Enrolment:
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 X 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?
X Yes ☐ No

19. Restriction(s):

Registration in the Computer Science and Biology joint major

20. Consultation Reports Attached
☐ Yes X 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 X No
### INFORMATION FOR ADMISSIONS, RECRUITMENT & REGISTRAR'S OFFICE

**To be completed by the Faculty**

- Slot Course: [ ] Yes [ ] No
- Thesis Component: [ ] Yes [ ] No

**To be completed by ARR**

- CIP Code

**For Continuing Education Use**

- CE Admin. Unit:
- CE Non-Grant Courses:
- Flat Rate: Cdn
- Flat Rate: N/A

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### 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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**Departmental Contact Person**

(name/phone/email)