**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:** Biochemistry

**3. Administering Faculty/Unit:** Science

**4. Campus**
   - (Downtown, Macdonald, Off Campus, Distance Ed, Other – specify)
   - Downtown
   - Term: 201001

**5. Effective Term of Implementation**
   - (Ex. Sept. 2004 = 200409)

**7. Course Title (Limit 30 Characters) - required for all courses:**
   - Biochemistry of Lipoproteins

**8. Course Number(s)**
   - Indicate course number & the number of terms spanned:
   - (tick all that apply)
   - Subject/course number: BiOC 570
   - Course(s) Span:
     - [X] 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.
   - Biochemistry of Lipoproteins

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

**11. Rationale for new course**

Heart disease, obesity and diabetes are major health epidemics that will plague the health care system for decades. Currently, no course exists in the Departments of Biochemistry or Experimental Medicine that discusses at an advanced undergraduate/graduate level the important subjects of lipids and lipoproteins and their relation to health and disease. This course will present the basic biochemical knowledge of lipids and lipoproteins in the context of medically relevant diseases (such as lipid storage diseases, obesity, diabetes and heart disease). By presenting the information in the form of seminars and discussion groups, the students must actively participate in the acquiring of understanding, facilitating their own learning. The course will enlist the participation of resident experts in each subject area to provide the most detailed and up to date instruction. It is hoped that by promoting a “translational” approach (basic research to medicine), this course will appeal to a broad group of students from diverse fields.

**12. Course Description**
   - (as it will appear in the Calendar [maximum 50 words]):
   - (N.B. Faculty of Medicine must append complete course outline)

Structure, function and metabolism of lipids and lipoproteins as they relate to lipid storage diseases, obesity, diabetes and heart disease. Background material will be presented in lectures, and relevant recent publications will be discussed in a round-table format.

**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.

   (Winter)
14. 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>
<th>Hours per Week</th>
<th>Hours per Week</th>
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</thead>
<tbody>
<tr>
<td>Lecture</td>
<td>2</td>
<td></td>
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<tr>
<td>Discussion Group</td>
<td>2</td>
<td></td>
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</table>

Total Hours per Week: 4
Total Number of Weeks: 13

15. Projected Enrolment: 10-15

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

17. Prerequisite(s) (Courses or Tests)
Specify course number(s) or name(s) of test(s):
- BIOC 311 or equivalent

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):
- Open to U3 and graduate students

20. Consultation Reports Attached
- Yes
- No

21. Additional Course Charges (must be approved by the Fee Policy Committee)

<table>
<thead>
<tr>
<th>Description of Fee (e.g. screening fee)</th>
<th>Amount</th>
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</table>

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**

<table>
<thead>
<tr>
<th>Slot Course:</th>
<th>Yes</th>
<th>No</th>
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<tbody>
<tr>
<td>Thesis Component:</td>
<td>Yes</td>
<td>No</td>
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**To be completed by ARR**

<table>
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<th>CIP Code</th>
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**For Continuing Education Use**

<table>
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<tr>
<th>CE Admin. Unit:</th>
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<tr>
<td>CE Non-Grant Courses:</td>
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<td>Flat Rate: CdnFlat Rate: Yes No N/A</td>
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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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<td>Departmental Contact Person (name/phone/email)</td>
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