



1. Will this new course affect a current program? If "yes", has a Program Revision Form been submitted concurrently?		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>
2. Teaching Department: <div style="border: 1px solid black; padding: 2px; margin-top: 5px;">Chemistry</div>	4. Campus (Downtown, Macdonald, Off Campus, Distance Ed, Other – specify) <div style="border: 1px solid black; padding: 2px; margin-top: 5px;">Downtown</div>	5. Effective Term of Implementation (Ex. Sept. 2004 = 200409) Term: <div style="border: 1px solid black; padding: 2px; margin-top: 5px;">200609</div>
3. Administering Faculty/Unit: <div style="border: 1px solid black; padding: 2px; margin-top: 5px;">Chemistry</div>		
6. Responsible Instructor <div style="border: 1px solid black; padding: 2px; margin-top: 5px;">Prof. S. Bohle</div>		
7. Course Title (Limit 30 Characters) - required for all courses: <div style="border: 1px solid black; padding: 2px; margin-top: 5px;">Small Molecule Crystallography</div>	8. Course Number(s) Indicate course number & the number of terms spanned: (tick all that apply) Subject/course number: <div style="border: 1px solid black; padding: 2px; margin-top: 5px;">CHEM 533</div> Course(s) Span: <input checked="" type="checkbox"/> 1 term <input type="checkbox"/> 2 consecutive terms (D1, D2) <input type="checkbox"/> 2 non-consecutive terms (N1, N2) <input type="checkbox"/> 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. <div style="border: 1px solid black; padding: 2px; margin-top: 5px;">Small Molecule Crystallography</div>		
10. Credit Weight (or CEU's for non-credit CE courses): <div style="border: 1px solid black; padding: 2px; margin-top: 5px;">3</div>		
11. Rationale for new course <div style="border: 1px solid black; padding: 10px; margin-top: 5px;">Crystallography continues to shape all sciences relating to chemistry, materials, and biochemistry. With modern developments even the once most intractable problems such as organic compounds or macromolecules are readily characterized by readily useful techniques. Although macromolecular crystallography is taught as part of a structural biology course taught jointly by the UdeM and McGill's biochemistry departments, there is no course devoted to the very different and now standard problems of small molecule crystallography. At this point there is no other place in the curriculum, either undergraduate or graduate, where this subject is presented in even outline form.</div>		
12. Course Description (as it will appear in the Calendar [maximum 50 words]): (N.B. Faculty of Medicine must append complete course outline) <div style="border: 1px solid black; padding: 10px; margin-top: 5px;">Fundamentals of x-ray diffraction related to small molecule structure resolution, space groups, diffraction theory, strategies for structure solution, and refinement will be covered. Students will undertake practical exercises in data collection and solution for real crystals.</div>		
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. <div style="border: 1px solid black; height: 50px; margin-top: 5px;"></div>		

14. Schedule Types(s):

(Enter all that apply – see course guidelines for a complete list.)
(i.e. Lecture, Labs, Tutorial)

	Hours per Week		Hours per Week		Hours per Week
Lecture	<input type="text" value="3"/>		<input type="text"/>		<input type="text"/>
	<input type="text"/>		<input type="text"/>		<input type="text"/>
					Total Hours per Week:
					<input type="text" value="3"/>
					Total Number of Weeks:
					<input type="text" value="13"/>

15. Projected Enrolment:

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):

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):

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		
<i>To be completed by the Faculty</i> Slot Course: <input type="checkbox"/> Yes <input type="checkbox"/> No Thesis Component: <input type="checkbox"/> Yes <input type="checkbox"/> No	<i>To be completed by ARR</i> CIP Code <div style="border: 1px solid black; height: 20px; width: 100%; margin-top: 5px;"></div>	<i>For Continuing Education Use</i> CE Admin. Unit : <div style="border: 1px solid black; height: 20px; width: 100%; margin-top: 5px;"></div> CE Non-Grant Courses: <div style="border: 1px solid black; height: 20px; width: 100%; margin-top: 5px;"></div> Flat Rate: CdnFlat Rate: <input type="checkbox"/> Yes <input type="checkbox"/> N/A

23. Approvals:

Routing Sequence	Departmental Meeting	Departmental Chair	Other Faculty	Curric/Academic Committee	Faculty	SCTP
Name	<div style="border: 1px solid black; height: 20px; width: 100%;"></div>	<div style="border: 1px solid black; height: 20px; width: 100%;"></div>	<div style="border: 1px solid black; height: 20px; width: 100%;"></div>	<div style="border: 1px solid black; height: 20px; width: 100%;"></div>	<div style="border: 1px solid black; height: 20px; width: 100%;"></div>	<div style="border: 1px solid black; height: 20px; width: 100%;"></div>
Signature	<div style="border: 1px solid black; height: 20px; width: 100%;"></div>	<div style="border: 1px solid black; height: 20px; width: 100%;"></div>	<div style="border: 1px solid black; height: 20px; width: 100%;"></div>	<div style="border: 1px solid black; height: 20px; width: 100%;"></div>	<div style="border: 1px solid black; height: 20px; width: 100%;"></div>	<div style="border: 1px solid black; height: 20px; width: 100%;"></div>
Date	<div style="border: 1px solid black; height: 20px; width: 100%;"></div>	<div style="border: 1px solid black; height: 20px; width: 100%;"></div>	<div style="border: 1px solid black; height: 20px; width: 100%;"></div>	<div style="border: 1px solid black; height: 20px; width: 100%;"></div>	<div style="border: 1px solid black; height: 20px; width: 100%;"></div>	<div style="border: 1px solid black; height: 20px; width: 100%;"></div>
Departmental Contact Person (name/phone/email)	<div style="border: 1px solid black; height: 20px; width: 100%;"></div>					