LIFESCI 4A03, 4B09, 4C12 Application

Application for LIFESCI 4A03 - Independent Project, 4B09 - Independent Study and 4C12 - Independent Thesis

This application MUST be completed in conjunction with your supervisor.

By submitting the application, you agree to the following:

- All information submitted is true and accurate and is being submitted with full knowledge and consent of your academic supervisor.
- You will complete all work assignments promptly and to the best of your ability.
- You agree to familiarize yourself with and to adhere to the relevant organizational policies and procedures including those related to health and safety and the appropriate standards of ethical conduct.
- This application is subject to approval of the Course Coordinator and the Director of the School of Interdisciplinary Science.

IMPORTANT TASKS:

1. To obtain permission to enroll in this course, you must have your supervisor email lsp@mcmaster.ca confirming your research project title and date before you can gain permission to enroll in the course. Please have them specify your First and Last name, and title of research project in their email.

2. Complete the below safety forms and submit in electronic file to lsp@mcmaster.ca. Permission will not be granted unless these forms are submitted with your application.

For complete course details and application deadlines, please refer to the SIS website

www.science.mcmaster.ca/sis

There are 24 questions in this survey

Student Information

[ ] Last Name *
Please write your answer here:

[ ] First Name *
Please write your answer here:

[ ] Student Number *
Only an integer value may be entered in this field.

Please write your answer here:
Must be 7 or 9-digits

[ ] McMaster email address *
Please write your answer here:

[ ] Current Program *
Choose one of the following answers

Please choose only one of the following:

- Honours Life Sciences
- Honours Life Sciences Co-op

[ ] Select enrollment term *
Choose one of the following answers

Please choose only one of the following:

- Fall
- Winter
- Spring
- Summer
- Spring and Summer

[ ] For which course are you applying?

Choose one of the following answers

Please choose only one of the following:

- LIFESCI 4A03 - Independent Study
- LIFESCI 4B09 - Independent Project
- LIFESCI 4C12 - Independent Thesis

Supervisor Information

The primary supervisor must be a full-time Faculty member from the Faculty of Science or Health Science. Individuals who are not currently a full-time Faculty member of the Faculty of Science or Health Science may co-supervise, providing that a full-time Faculty member agrees to the co-supervision.

[ ] Primary Supervisor Last Name *
Please write your answer here:

[ ] Primary Supervisor First Name *
Primary Supervisor Department *
Please write your answer here:

Primary Supervisor McMaster Email *
Please write your answer here:

Primary Supervisor McMaster Address *
Please write your answer here:

Is the primary supervisor planning an extended absence during the period of this course? *
Please choose only one of the following:

- Yes
- No

Describe how you will be supervised during this absence

Only answer this question if the following conditions are met:
Answer was 'Yes' at question '13 [B7]' (Is the primary supervisor planning an extended absence during the period of this course?)

Please write your answer here:
Study/Project/Thesis Information

*Your Primary Supervisor must be a principal investigator or co-investigator on your proposed project.

[ ] Please state your research hypothesis *

Please write your answer here:

[ ] Provide a brief description of the proposed project *

Please write your answer here:

[ ] Will you be working in a Health Sciences space at any time during your project? *

Please choose only one of the following:

- Yes
- No

[ ] Have you received Hamilton Health Sciences approval to work in the space?

Only answer this question if the following conditions are met:
Answer was 'Yes' at question '17 [C3]' (Will you be working in a Health Sciences space at any time during your project?)

Please choose only one of the following:

- Yes
- No

The Office of Student Affairs at HHS will be notified of any potential placements – health clearance must be obtained before official enrollment in the course.
[ ] Does this project require ethics approval? *

Please choose only one of the following:

- Yes
- No

[ ] Has ethics approval been obtained? *

Only answer this question if the following conditions are met:
Answer was 'Yes' at question '19 [C5]' (Does this project require ethics approval?)

Please choose only one of the following:

- Yes
- No

It is the student’s responsibility to ensure that the ethics approval has been obtained prior to enrollment in September.

Method of Evaluation - LIFESCI 4B09/4C12

[ ] EVALUATION CRITERIA & TIMELINES FOR LIFE SCIENCES 4B09 and 4C12 STUDENTS & SUPERVISORS

**Weight: (75% of Final Grade)**

<table>
<thead>
<tr>
<th>Component</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Literature Review</td>
<td>15%</td>
</tr>
<tr>
<td>Midterm Report</td>
<td>10%</td>
</tr>
<tr>
<td>Lab Performance</td>
<td>30%</td>
</tr>
<tr>
<td>Presentation</td>
<td>20%</td>
</tr>
<tr>
<td>Final Report/Thesis</td>
<td>25%</td>
</tr>
<tr>
<td><strong>Total:</strong></td>
<td>100%</td>
</tr>
</tbody>
</table>

**Workshop Evaluation:**

**Weight: (25% of Final Grade)**

<table>
<thead>
<tr>
<th>Component</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Proposal Presentation</td>
<td>10%</td>
</tr>
<tr>
<td>Peer Evaluations</td>
<td>20%</td>
</tr>
<tr>
<td>Peer Mentorship</td>
<td>10%</td>
</tr>
<tr>
<td>Reflections</td>
<td>10%</td>
</tr>
<tr>
<td>Data Presentation</td>
<td>10%</td>
</tr>
<tr>
<td>e-Portfolio</td>
<td>10%</td>
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<tr>
<td>CV Workshop</td>
<td>10%</td>
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<tr>
<td>Symposium</td>
<td>10%</td>
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<tr>
<td>Attendance</td>
<td>5%</td>
</tr>
<tr>
<td>Participation</td>
<td>5%</td>
</tr>
<tr>
<td><strong>Total:</strong></td>
<td>100%</td>
</tr>
</tbody>
</table>
The student and supervisor agree with the Method of Evaluation as identified above

Only answer this question if the following conditions are met:
Answer was 'LIFESCI 4B09 - Independent Project' or 'LIFESCI 4C12 - Independent Thesis' at question '7 (A5)' (For which course are you applying?)

Please choose only one of the following:

- Yes
- No

Method of Evaluation - LIFESCI 4A03

Please keep a copy for your records.

EVALUATION CRITERIA & TIMELINES FOR LIFE SCIENCES 4A03 STUDENTS & SUPERVISORS

<table>
<thead>
<tr>
<th>SUGGESTED DEADLINE</th>
<th>TASK TO BE COMPLETED</th>
<th>% OF FINAL GRADE</th>
</tr>
</thead>
</table>
| All term           | **In-Class Participation and Attendance**  
Weekly attendance and participation is mandatory for all students. | **10%** |
| 30 days after start of term | **LITERATURE REVIEW**  
This will be graded by the supervisor. Any problems with the project and suggested remedies should be communicated to the student by the supervisor/co-supervisor at this time. | **15%** |
<table>
<thead>
<tr>
<th>Date Range</th>
<th>Event Description</th>
<th>Grade Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beginning of last full month of the term</td>
<td><strong>COMPLETION OF LABORATORY and/or FIELD EXPERIMENTATION (IF APPLICABLE)</strong>. Completion of laboratory or field experimentation and preparation of the final submission.</td>
<td>N/A</td>
</tr>
<tr>
<td>1st week Nov/March</td>
<td><strong>FIRST DRAFT SUBMISSION</strong>&lt;br&gt;A first draft of the final report should be given to the supervisor to allow time for revisions to be made. The supervisor(s) should provide recommendations to the student on the first draft in a timely manner. Revisions, if any, should be made by the student and sent back to the supervisor(s) before the final grade is to be submitted (see below).</td>
<td>10%</td>
</tr>
<tr>
<td>Last week of term</td>
<td><strong>FORMAL PRESENTATION</strong>&lt;br&gt;The student must make a formal presentation during the weekly class to demonstrate a clear understanding of the research findings as well as the ability to answer questions to a peer and faculty audience.</td>
<td>20%</td>
</tr>
<tr>
<td>Last week of term</td>
<td><strong>FINAL WRITTEN PAPER/PROJECT SUBMISSION</strong></td>
<td></td>
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<td>-------------------</td>
<td>------------------------------------------</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Copies of the final written paper/project will be submitted to the supervisor in the desired format. <strong>No extensions will be granted without penalty unless there is a compassionate or medical reason.</strong> The supervisor must provide the Course Coordinator via email <a href="mailto:sisip@mcmaster.ca">sisip@mcmaster.ca</a> (<a href="mailto:sisip@mcmaster.ca">mailto:sisip@mcmaster.ca</a>) detailed reasons for such an extension before an extension will be granted.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>End of term</th>
<th><strong>LABORATORY/FIELD WORK</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>The supervisor will assess the work completed by the student as part of the course and this may include lab/field work, statistical analyses, computer computations or programming, planning and trouble-shooting.</td>
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<table>
<thead>
<tr>
<th>End of term</th>
<th><strong>SUBMISSION OF FINAL GRADE</strong></th>
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<tbody>
<tr>
<td></td>
<td>The supervisor will submit the student’s final grade including all the above components by December 15th for Fall Term and April 15th for Winter Term to <a href="mailto:sisip@mcmaster.ca">sisip@mcmaster.ca</a> (<a href="mailto:sisip@mcmaster.ca">mailto:sisip@mcmaster.ca</a>)</td>
</tr>
</tbody>
</table>

The student and supervisor agree with the Method of Evaluation as identified above.
Only answer this question if the following conditions are met:
Answer was 'LIFESCI 4A03 - Independent Study' at question '7 [A5]' (For which course are you applying?)

Please choose only one of the following:
- Yes
- No

Submit Application

Do not proceed unless your application is complete and ready for submission.

[] By submitting the application, you agree to the following:
- All information submitted is true and accurate and is being submitted with full knowledge and consent of your academic supervisor.
- You will complete all work assignments promptly and to the best of your ability.
- You agree to familiarize yourself with and to adhere to the relevant organizational policies and procedures including those related to health and safety and the appropriate standards of ethical conduct.
- This application is subject to approval of the Course Coordinator and the Director of the School of Interdisciplinary Science.

* Choose one of the following answers

Please choose only one of the following:
- I agree
- I disagree

[] Your Application will not be reviewed.

Only answer this question if the following conditions are met:
Answer was 'I disagree' at question '23 [Z1]' (By submitting the application, you agree to the following: All information submitted is true and accurate and is being submitted with full knowledge and consent of your academic supervisor. You will complete all work assignments promptly and to the best of your ability. You agree to familiarize yourself with and to adhere to the relevant organizational policies and procedures including those related to health and safety and the appropriate standards of ethical conduct. This application is subject to approval of the Course Coordinator and the Director of the School of Interdisciplinary Science.)

Thank you for submitting your application. We have received your application. Life Sciences will be in touch with you once your application has been reviewed. Please print and keep a copy of this application for your records. Applications for Fall/Winter will be reviewed in August.

06-29-2019 – 08:04
Submit your survey.
Thank you for completing this survey.