### New Course Proposal Form

#### 1. Will this new course affect a current program?  
If "yes", has a Program Revision Form been submitted concurrently?  
- Yes [x]  
- No [ ]

<table>
<thead>
<tr>
<th>2. Teaching Department:</th>
<th>Mathematics and Statistics</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>3. Administering Faculty/Unit:</th>
<th>Science</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>6. Responsible Instructor</th>
<th>STAFF</th>
</tr>
</thead>
</table>

| 5. Effective Term of Implementation  
(Ex. Sept. 2004 = 200409)  
Term: | 200609 |

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

<table>
<thead>
<tr>
<th>7. Course Title (Limit 30 Characters) - required for all courses:</th>
<th>Linear Algebra and Probability</th>
</tr>
</thead>
</table>

| 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. |  

| 8. Course Number(s)  
Indicate course number & the number of terms spanned: (tick all that apply)  
Subject/course number: | MATH 123 |
|-----------------------------------------------------------------|---------|

| Course(s) Span: | □ 1 term  
□ 2 consecutive terms (D1, D2)  
□ 2 non-consecutive terms (N1, N2)  
□ 3 consecutive terms (J1, J2, J3) |

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

| 11. Rationale for new course | This course has been designed in consultation with the Faculty of Management in response to the changing needs of that faculty particularly with regard to upcoming changes in the management core. The proposal is a substantial change from the status quo and is driven in part by the fact that under the new proposals there will only be one statistics course in the U1 management core. |

| 12. Course Description  
(as it will appear in the Calendar [maximum 50 words]):  

| 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. | 3 hours lecture, 1 hour tutorial |

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C1-1
14. Schedule Types(s):
(Enter all that apply – see course guidelines for a complete list.)
(i.e. Lecture, Labs, Tutorial)
<table>
<thead>
<tr>
<th>Type</th>
<th>Hours per Week</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lecture</td>
<td>3</td>
</tr>
<tr>
<td>Tutorial</td>
<td>1</td>
</tr>
</tbody>
</table>

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

15. Projected Enrolment:
350

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):

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):
- Not open to students who have taken or are taking MATH 223 or MATH 133 or CEGEP objective 00UQ or equivalent.
- Open to Faculty of Management students only. Offered by the Faculty of Science.
- Students intending to pursue one of the major or minor concentrations in Mathematics or Statistics in the Faculty of Management should take MATH 133 instead.

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

<table>
<thead>
<tr>
<th>Slot Course</th>
<th>Yes</th>
<th>No</th>
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</table>

To be completed by ARR

<table>
<thead>
<tr>
<th>CIP Code</th>
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For Continuing Education Use

<table>
<thead>
<tr>
<th>CE Admin. Unit</th>
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<table>
<thead>
<tr>
<th>CE Non-Grant Courses</th>
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<table>
<thead>
<tr>
<th>Flat Rate: CdnFlat Rate</th>
<th>Yes</th>
<th>N/A</th>
</tr>
</thead>
</table>

Name: D. Wolfson  
Signature:  
Date:  

**Routing Sequence**

<table>
<thead>
<tr>
<th>Departamental Meeting</th>
<th>Departamental Chair</th>
<th>Other Faculty</th>
<th>Curric/Academic Committee</th>
<th>Faculty</th>
<th>SCTP</th>
</tr>
</thead>
<tbody>
<tr>
<td>S.W. Drury</td>
<td>D. Wolfson</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Contact Person**

<table>
<thead>
<tr>
<th>Departmental Contact Person (name/phone/email)</th>
</tr>
</thead>
<tbody>
<tr>
<td>S.W. Drury 398-3830 <a href="mailto:drury@math.mcgill.ca">drury@math.mcgill.ca</a></td>
</tr>
</tbody>
</table>

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**23. Approvals:**

- **Routing Sequence**
  - Name: S.W. Drury  
  - Signature:  
  - Date:  
  - Contact Person: S.W. Drury 398-3830 drury@math.mcgill.ca