1. Will this course revision affect a current program? Yes □ No □
   If "yes", has a Program Revision Form been submitted concurrently? Yes □ No □

2. Teaching Department: Psychology

3. Administering Faculty/Unit: Science

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

5. Effective Term of Implementation
   (Ex. Sept. 2004 = 200409)
   Term: 200509

6. Credit Weight
   (or CEU’s for non-credit CE courses):
   Old Credit Weight or CEU’s (if applicable)

7. Course Number(s)
   Indicate course number & the number of terms spanned:
   (tick all that apply)
   Subject/course number: PSYC 541
   Course(s) Span:
   □ 1 term
   □ 2 consecutive terms (D1, D2)
   □ 2 non-consecutive terms (N1, N2)
   □ 3 terms (J1, J2, J3)

8. Number Change From:

9. Consolidation of Courses:

10. Split of Multi-Term Course:

11. Course Title (Limit 30 char.) - required for all courses.
    Multilevel Modelling
    Old Course Title (if applicable)

12. 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 in Box 11.

13. Schedule Type(s):
    (Enter all that apply – see form, STVSCHD in Banner for a complete list.)
    Hours per Week
    Seminar 3
    Hours per Week
    Hours per Week
    Total Hours per Week: 3
    Total Number of Weeks: 13
    Hours per Week

14. Projected Enrolment:
    20
15. Revised Prerequisite(s) (Courses or Tests) (in full): 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

Old prerequisite course number(s) or test score title(s) (if applicable):

16. Revised Corequisite(s) Course Number(s) (in full): Specify course number(s):

If the student does not register for the corequisite in the same term should web registration be blocked?
☐ Yes  ☐ No

Old corequisite(s) course numbers (if applicable):

17. Additional Course Charges (must be approved by the Fee Policy Committee)
Description of Fee (e.g. screening fee) Amount

18. Requires Teaching, Physical, or Financial Resources Not Currently Available (attach explanation)
☐ Yes  ☐ No

19. Consultation Reports Attached
☐ Yes  ☐ N/A

20. Other Information (specify):

21. Course Description
(as it will appear in the Calendar [maximum 50 words]):
(N.B. Faculty of Medicine must append complete course outline)
Data in psychology, education and many applied sciences often show a multilevel or hierarchical structure that violates the independence assumption in standard statistical methods. Students learn the basic concepts of multilevel linear and nonlinear models and are expected to get first-hand experiences in applying these methods to empirical data.

22. Supplementary information to appear in the Calendar in addition to the course description. Such as: registration restriction(s), prerequisite(s), corequisite(s), equivalent course(s), contact hours, enrolment limitations, language of instruction etc. Please enter the information as it should appear in the calendar notes.

Old Course Description:
Data in psychology, education and many applied sciences often show a multilevel or hierarchical structure which violates the independence assumption in standard statistical methods, including the basic concepts of multilevel linear and nonlinear models, and will get first-hand experiences in applying these methods to empirical data.
23. Rationale

The new course description better reflects the course content.

<table>
<thead>
<tr>
<th>INFORMATION FOR ADMISSIONS, RECRUITMENT &amp; REGISTRAR'S OFFICE</th>
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</thead>
<tbody>
<tr>
<td><strong>To be completed by the Faculty</strong></td>
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<tr>
<td>Slot Course:        □ Yes  □ No</td>
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<tr>
<td>Thesis Component:   □ Yes  □ No</td>
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<th>CE Admin. Unit:</th>
<th>CE Non-Grant Courses:</th>
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<tr>
<th>Flat Rate: CdnFlat Rate:</th>
<th>□ Yes  □ N/A</th>
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24. 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>
</tr>
</thead>
<tbody>
<tr>
<td>Name</td>
<td>Thomas Shultz</td>
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<td>Signature</td>
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<tr>
<td>Date</td>
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<thead>
<tr>
<th>Departmental Contact Person (name/phone/email)</th>
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</thead>
<tbody>
<tr>
<td>Mary Gauthier, Psychology, 6121, <a href="mailto:mary.gauthier@mcgill.ca">mary.gauthier@mcgill.ca</a></td>
</tr>
</tbody>
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