GEORGE MASON UNIVERSITY
Graduate Council MODIFIED/DELETED Certificate, Concentration, Track, or Degree Program Coordination/Approval Form

(Please complete this form and attach any related materials. Forward it as an email attachment to the Secretary of the Graduate Council. A printed copy of the form with signatures should be brought to the Graduate Council Meeting. If no coordination with other units is requires, simply indicate “None” on the form.

Title of Program/Certificate, etc: Psychology, Concentration in Human Factors/Applied Cognition

Level (Masters/Ph.D.): Ph.D.

Please Indicate: ______ Program ______ Certificate ______X____ Concentration _______ Track

Description of the change in the certificate, concentration or degree program:

The Human Factors/Applied Cognition faculty want to reduce the current graduation requirement of 88 credits to 72 credits, the minimum for the university. This change is intended to decrease the time for students to complete their degrees and to reduce their total tuition payments. The Psychology department faculty have approved this change.

Approval from other units: None

Please list those units outside of your own who may be affected by these. Each of these units must approve this change prior to its being submitted to the Graduate Council for approval.

<table>
<thead>
<tr>
<th>Unit:</th>
<th>Head of Unit’s Signature:</th>
<th>Date:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Submitted by: Jerome Short, Associate Chair for Graduate Studies in Psychology Email: jshort@gmu.edu

Graduate Council approval: ___________________________ Date: ____________

Graduate Council representative: _________________________ Date: ____________

Provost Office representative: ___________________________ Date: ____________
Concentration in Human Factors/Applied Cognition
Students must complete 72 graduate credits to include the following requirements:

- 3 credits of cognitive core: PSYC 701, 759, 766, or 768.
- 6 credits of core from biological (PSYC 558, 559, or 702), social (PSYC 667, 668, or 703), developmental (PSYC 666, 669, or 704), or historical (PSYC 705).
- 8 credits of quantitative and research methods: PSYC 611 and 612.
- 9 credits of advanced statistics or qualitative methods.
- 6 credits of specialized content: PSYC 530 and 645.
- 9 credits of additional specialized content to include PSYC 734, 737, 766, or 768.
- 3 credits of Special Topics in Professional Issues: PSYC 890.
- 12 credits of dissertation: PSYC 998 and 999.
- Options: To reach the 72 credits required for the PhD, students may repeat 734, 737, 766, and/or 768 and/or may take 3 to 6 credits of practicum (PSYC 730) with permission of advisor. (Students who do not have work experience in applied cognition or human factors are encouraged to take up to six credits of practicum.)

Students are to take credits in PSYC 897 Directed Reading and Research each semester.

Students are strongly encouraged to develop competence in programming and computer science by course work or independent study.

Students are encouraged to identify and take relevant courses within or outside the department (with advisor's approval).