1. **General Information.**
   a. Submitted by the College of:  
      Education  
   b. Department/Division:  
      Science, Technology, Engineering, and Mathematics (STEM) Education  
   c. Contact person name:  
      Margaret Mohr-Schroeder  
      Email: m.mohr@uky.edu  
      Phone: 257-3073  
   d. Requested Effective Date:  
      ☑ Semester following approval OR ☐ Specific Term/Year  

2. **Designation and Description of Proposed Course.**
   a. Prefix and Number:  
      SEM 748  
   b. Full Title:  
      Master’s Thesis Research  
   c. Transcript Title (if full title is more than 40 characters):  
      Master’s Thesis Research  
   d. To be Cross-Listed\(^2\) with (Prefix and Number):  
      ____  
   e. Courses must be described by at least one of the meeting patterns below. Include number of actual contact hours\(^3\) for each meeting pattern type.  
      ____ Lecture  
      ____ Laboratory\(^1\)  
      ____ Recitation  
      ____ Discussion  
      ____ Indep. Study  
      ____ Clinical  
      ____ Colloquium  
      ____ Practicum  
      ____ Research  
      ____ Residency  
      ____ Seminar  
      ____ Studio  
      ____ Other – Please explain:  
   f. Identify a grading system:  
      ☑ Letter (A, B, C, etc.)  
      ☑ Pass/Fail  
   g. Number of credits:  
      0  
   h. Is this course repeatable for additional credit?  
      YES ☑ NO ☐  
      If YES:  
      Maximum number of credit hours: six semesters  
      If YES:  
      Will this course allow multiple registrations during the same semester?  
      YES ☑ NO ☐  
   i. Course Description for Bulletin:  
      Half-time to full-time work on thesis. May be repeated to a maximum of six semesters.  
   j. Prerequisites, if any:  
      All course work toward the degree must be completed.  
   k. Will this course also be offered through Distance Learning?  
      YES\(^4\) ☑ NO ☐  
   l. Supplementary teaching component, if any:  
      ☑ Community-Based Experience  
      ☑ Service Learning  
      ☐ Both  

3. **Will this course be taught off campus?**  
   YES ☑ NO ☐  

4. **Frequency of Course Offering.**
   a. Course will be offered (check all that apply):  
      ☑ Fall  
      ☑ Spring  
      ☐ Summer  
   b. Will the course be offered every year?  
      YES ☑ NO ☐  

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\(^1\) Courses are typically made effective for the semester following approval. No course will be made effective until all approvals are received.  
\(^2\) The chair of the cross-listing department must sign off on the Signature Routing Log.  
\(^3\) In general, undergraduate courses are developed on the principle that one semester hour of credit represents one hour of classroom meeting per week for a semester, exclusive of any laboratory meeting. Laboratory meeting, generally, represents at least two hours per week for a semester for one credit hour. (from SR 5.2.1)  
\(^4\) You must also submit the Distance Learning Form in order for the proposed course to be considered for DL delivery.

Rev 8/09
# NEW COURSE FORM

If NO, explain:  

<table>
<thead>
<tr>
<th>5. Are facilities and personnel necessary for the proposed new course available?</th>
<th>YES ☒ NO ☐</th>
</tr>
</thead>
</table>
If NO, explain:  

| 6. What enrollment (per section per semester) may reasonably be expected? | 2 |

<table>
<thead>
<tr>
<th>7. Anticipated Student Demand.</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>a. Will this course serve students primarily within the degree program?</td>
<td>YES ☒ NO ☐</td>
</tr>
<tr>
<td>b. Will it be of interest to a significant number of students outside the degree pgm?</td>
<td>YES ☐ NO ☒</td>
</tr>
</tbody>
</table>
If YES, explain:  

<table>
<thead>
<tr>
<th>8. Check the category most applicable to this course:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>☒ Traditional – Offered in Corresponding Departments at Universities Elsewhere</td>
<td></td>
</tr>
<tr>
<td>☐ Relatively New – Now Being Widely Established</td>
<td></td>
</tr>
<tr>
<td>☐ Not Yet Found in Many (or Any) Other Universities</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>9. Course Relationship to Program(s).</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>a. Is this course part of a proposed new program?</td>
<td>YES ☐ NO ☒</td>
</tr>
</tbody>
</table>
If YES, name the proposed new program:  
| b. Will this course be a new requirement\(^5\) for ANY program? | YES ☐ NO ☒ |
If YES\(^5\), list affected programs:  

<table>
<thead>
<tr>
<th>10. Information to be Placed on Syllabus.</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>a. Is the course 400G or 500?</td>
<td>YES ☐ NO ☒</td>
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</tbody>
</table>
If YES, the *differentiation for undergraduate and graduate students must be included* in the information required in 10.b. You must include: (i) identification of additional assignments by the graduate students; and/or (ii) establishment of different grading criteria in the course for graduate students. *(See SR 3.1.4.)*  
| b. ☐ The syllabus, including course description, student learning outcomes, and grading policies (and 400G-/500-level grading differentiation if applicable, from 10.a above) are attached. | |

\(^5\) In order to change a program, a program change form must also be submitted.

Rev 8/09
NEW COURSE FORM

Signature Routing Log

General Information:

Course Prefix and Number: SEM 748
Proposal Contact Person Name: Margaret Mohr-Schroeder Phone: 257-3073 Email: m.mohr@uky.edu

INSTRUCTIONS:
Identify the groups or individuals reviewing the proposal; note the date of approval; offer a contact person for each entry; and obtain signature of person authorized to report approval.

Internal College Approvals and Course Cross-listing Approvals:

<table>
<thead>
<tr>
<th>Reviewing Group</th>
<th>Date Approved</th>
<th>Contact Person (name/phone/email)</th>
<th>Signature</th>
</tr>
</thead>
<tbody>
<tr>
<td>STEM Education</td>
<td>02/22/2011</td>
<td>Jennifer Wilhelm / 257-1291 / <a href="mailto:jennifer.wilhelm@uky.edu">jennifer.wilhelm@uky.edu</a></td>
<td>/ /</td>
</tr>
</tbody>
</table>

External-to-College Approvals:

<table>
<thead>
<tr>
<th>Council</th>
<th>Date Approved</th>
<th>Signature</th>
<th>Approval of Revision</th>
</tr>
</thead>
<tbody>
<tr>
<td>Undergraduate Council</td>
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<tr>
<td>Graduate Council</td>
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<tr>
<td>Health Care Colleges Council</td>
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<tr>
<td>Senate Council Approval</td>
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<td>University Senate Approval</td>
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Comments:
The Board of Trustees approved the Department of Science, Technology, Engineering, and Mathematics (STEM) Education on February 22, 2011. The department will fiscally begin on July 1, 2011.

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6 Councils use this space to indicate approval of revisions made subsequent to that council’s approval, if deemed necessary by the revising council.