Part I – Student Information

Name: __________________________ MTSU ID # M __________________________

Current Mailing Address: __________________________________________________________

City, State, Zip: __________________________ MTSU Email Address: __________________________

Degree Sought: __________________________ Major: __________________________

If applicable:
Concentration: __________________________ Specialization: __________________________ Minor: __________________________

I understand that if human or animal subjects are involved in my research (including dissertation research), it is my responsibility to file a research protocol application with the Institutional Review Board (Sam H. Ingram Building, 011B) before I begin collecting data. Failure to secure this permission prior to conducting my data collection using human or animal subjects will negate the use of that data for any academic purpose including dissertation.

_________________________________________  __________________________
Signature of Student  Date

Part II – Signatures and Approvals

Signatures in this area are required for approval of all degree plans.

I certify that the following program, when successfully completed, meets all coursework requirements for this degree.

_________________________________________  __________________________
Graduate Advisor Name (Print)  Signature  Date

_________________________________________  __________________________
College of Graduate Studies Approval  Date

Signatures in this area are required for approval only if applicable to degree program.

This individual holds a professional license, or licensure requirements will be met by the courses listed below.

_________________________________________  __________________________
Teacher Licensure Office Approval (Print)  Signature  Date

Programs that require educational component

_________________________________________  __________________________
Chair of Educational Leadership/Elementary Education (Print)  Signature  Date

Minor Advisor

_________________________________________  __________________________
Graduate Minor Advisor (Print)  Signature  Date
**Part III – Course Information**

List ONLY graduate-level courses to be counted toward the degree. Include those completed as well as those still to be taken to fulfill degree requirements.

All Ph.D. candidates must complete 77 hours in the following course of study:

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Title</th>
<th>Cr Hrs</th>
<th>Grade</th>
<th>Course ID</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>MSE 7800</td>
<td>Teaching Internship</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSE 7001</td>
<td>Residency Seminar I</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSE 7002</td>
<td>Residency Seminar II</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSE 7820*</td>
<td>Seminar in Mathematics and Science Education</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSE 7900</td>
<td>Teaching and Learning in Mathematics and Science</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSE 7845</td>
<td>Nature of Mathematics and Science</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSE 7848</td>
<td>Knowledge of Teaching in Mathematics and Science</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PSY 7190</td>
<td>Advanced Cognitive Psychology</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PSY 7280</td>
<td>Psychological Statistics: Regression</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PSY 7281</td>
<td>Psychological Statistics: Regression Lab</td>
<td>0</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PSY 7290</td>
<td>Psychological Statistics: ANOVA</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PSY 7291</td>
<td>Psychological Statistics: ANOVA Lab</td>
<td>0</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPSE 7010</td>
<td>Educational Research Methodology</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPSE 7170</td>
<td>Learning Theories and the Educational Process</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPSE 7180</td>
<td>Qualitative Evaluation and Research Methods</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPSE 7220</td>
<td>Advanced Educational Technology</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* Students are required to take these courses at least twice before candidacy.

**Concentration Core (18 Hours)**

Students who choose this concentration must select at least 18 hours (in consultation with their major advisors and dissertation committee) from the courses listed in the Biological Education, Chemical Education, and Mathematics Education concentrations in Mathematics and Science Education or from the courses listed below:

- BIOL 7850, MATH 6100, MATH 6330, MATH 6340, MATH 6350, PSCI 6020, PSCI 7800, PSY 6480, PSY 6550, PSY 7210, PSY 7580

**Students must take one of the following courses**

- BIOL 7900, CHEM 7900, MATH 7900

**Electives (12 Hours)**

**Dissertation (12 Hours)**

- MSE 7640 Dissertation Research in Mathematics and Science Education (1-6 hours)

**Department must verify that all admission conditions(s) were or were not met:**

Department Admissions Conditions Met? Yes _________ No _________

---

_A Tennessee Board of Regents Institution_

MTSU is an equal opportunity, non-racially identifiable, educational institution that does not discriminate against individuals with disabilities._