<table>
<thead>
<tr>
<th>Program:</th>
<th>Curriculum and Instruction</th>
</tr>
</thead>
<tbody>
<tr>
<td>Degree:</td>
<td>PhD</td>
</tr>
<tr>
<td>Department:</td>
<td>TLAC</td>
</tr>
<tr>
<td>Contact Name:</td>
<td>Patrick Slattery</td>
</tr>
<tr>
<td>Contact Phone:</td>
<td>512-657-7043</td>
</tr>
</tbody>
</table>

**Outcome**  
Master degree-program requirements, including theories, concepts, principles, and practice; develop a coherent understanding of the subject matter through synthesis across courses and experiences; and apply subject matter knowledge to solve problems and make decisions.

**Marketable Skills**
- Synthesize and draw conclusions based upon the selection and implementation of research-based theory and practices
- Translate evidence-based research to instructional practices and curriculum evaluation
- Develop literature reviews and professional instructional resources to prepare for advanced research

**Outcome**  
Apply a variety of strategies and tools, use a variety of sources, and evaluate multiple points of view to analyze and integrate information and to conduct critical, reasoned arguments.

**Marketable Skills**
- Understand and apply evaluation criteria and process
- Understand and apply Foundations of Educational and Core Research methodologies in Qualitative and Quantitative applications
- Implement core foundations of education and research

**Outcome**  
Communicate effectively.

**Marketable Skills**
- Publish several research articles in high impact journals (single authored and co-authored)
- Submission of grants and funded projects as PI or Co-PI
- Presentations at professional conferences and local workshops

**Outcome**  
Develop clear research plans, conduct valid, data-supported, theoretically consistent, and appropriate venues to a range of audiences.

**Marketable Skills**
- Work with faculty to plan, research, write and present scholarly papers. Develop manuscripts for publication through synthesis of the literature and professional communication standards
- Build a community of scholars engaged in academic research and publication
- Present high quality scholarly lectures at conferences, in classrooms, and at workshops

**Outcome**  
Use appropriate technologies to communicate, collaborate, conduct research, and solve problems.

**Marketable Skills**
- Use various software and methodologies to analyze and interpret data and communicate syntheses effectively
• Integrate media, film, and power point into presentations and lectures. Use communications technologies effectively to present research and scholarship across visual, auditory, and interactive domains to enhance understanding and stimulate inquiry
• Incorporate all classroom technologies in lectures and presentations

<table>
<thead>
<tr>
<th>Outcome</th>
<th>Teach and explain the subject matter in their discipline.</th>
</tr>
</thead>
</table>
| Marketable Skills | • Develop and revise syllabi in discipline  
• Develop and implement lesson plans  
• Evaluate curriculum and instruction in discipline |

<table>
<thead>
<tr>
<th>Outcome</th>
<th>Choose ethical courses of action in research and practice.</th>
</tr>
</thead>
</table>
| Marketable Skills | • Understanding and knowledge of ethical systems and moral behavior  
• Develop and implement lesson plans and research presentations with ethical standards of the field  
• Skill 3 Apply and implement IRB protocols |