<table>
<thead>
<tr>
<th>Program:</th>
<th>Oral &amp; Maxillofacial Pathology</th>
</tr>
</thead>
<tbody>
<tr>
<td>Degree:</td>
<td></td>
</tr>
<tr>
<td>Department:</td>
<td>Diagnostic Sciences</td>
</tr>
<tr>
<td>Contact Name:</td>
<td>Dr. Lisa (Yi-Sheng) Cheng</td>
</tr>
<tr>
<td>Contact Phone</td>
<td>214.828.8912</td>
</tr>
</tbody>
</table>

**Outcome**

Learning Outcome: Master degree-program requirements, including theories, concepts, principles, and practice, and develop a coherent understanding of the subject matter through synthesis across courses and experiences.

** Marketable Skills**

- The program's graduates must have fundamental knowledge in theories, concepts and cellular/molecular mechanism regarding pathologic processes in humans.
- The program's graduates must have the ability to develop a coherent understanding of human diseases.

---

**Outcome**

Learning Outcome: Apply subject matter knowledge in a range of contexts to solve problems and make decisions.

** Marketable Skills**

- The program's graduates must have the skill to make a diagnosis for common diseases in the head and neck area.
- The program's graduates must have the skill to utilize ancillary tests to solve problems in challenging pathologic cases and reach a final diagnosis.

---

**Outcome**

Learning Outcome: Use a variety of sources and evaluate multiple points of view to analyze and integrate information and to conduct critical, reasoned arguments.

** Marketable Skills**

- The program's graduates must have the ability to search multiple resources for evaluating research data, study design, or published research work.
- The program's graduates must have the ability to critically evaluate existing data and analyze the strength and weakness of the existing research work.
- The program's graduates must have the ability to clearly state his/her evaluation and make reasoned arguments.

---

**Outcome**

Learning Outcome: Communicate effectively.

** Marketable Skills**

- The program's graduates must have the skill to communicate effectively with clinicians regarding their clinical concerns.
- The program's graduates must have the skill to communicate effectively to address patient's concerns, and treat patients with respect.
- The program's graduates must have the skill to communicate effectively with colleagues in discussing pathology issues.

---

**Outcome**

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

** Marketable Skills**

- The program's graduates must have the skills to use digital microphotography and various computer and telecommunication technologies in communication for collaboration in research.
The program's graduates must have the knowledge regarding available research technologies used in solving problems in pathology research.

<table>
<thead>
<tr>
<th>Outcome</th>
<th>Learning Outcome: Develop clear research plans and conduct valid, data-supported, theoretically consistent, and institutionally appropriate research.</th>
</tr>
</thead>
</table>
| Marketable Skills | • The program's graduates must have the ability to identify knowledge gaps, unanswered research questions or clinical needs.  
• The program's graduates must have the ability to develop clear research plans, and conduct valid, data-supported, theoretically consistent and institutionally appropriate research. |

<table>
<thead>
<tr>
<th>Outcome</th>
<th>Learning Outcome: Choose ethical courses of action in research and practice.</th>
</tr>
</thead>
</table>
| Marketable Skills | • The program's graduates must have the knowledge regarding medical practice and research ethics.  
• The program's graduates must be compliant with policies and regulations regarding medical practice and research ethics.  
• The program's graduates must have the ability to choose proper ethical courses of action in research and in pathology practice. |