# Graduate Degree Plan

**MS in Clinical Scientist Training Program**

Students Starting Academic Year: 2021-2022

## General Degree Requirements:
- Completion of at least 84 term hours
- At least 30 of those term hours must be in Didactic courses (6000-level)
- Students must maintain satisfactory academic progress as detailed in the Student Handbook

## Year One Requirements:

<table>
<thead>
<tr>
<th>Term 1</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GS-CT-6300</td>
<td>Fundamentals of Clinical Investigation</td>
<td>3 (Didactic)</td>
<td></td>
</tr>
<tr>
<td>GS-CT-6201</td>
<td>CICS 1: Grant Development for CIs</td>
<td>2 (Didactic)</td>
<td></td>
</tr>
<tr>
<td>GS-CT-5101</td>
<td>Responsible Conduct of Research for CIs</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>GS-CT-5040</td>
<td>Special Projects ± Electives</td>
<td>6</td>
<td></td>
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</tbody>
</table>

Total: 12 (5)

<table>
<thead>
<tr>
<th>Term 2</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GS-CT-6302</td>
<td>CICS 2: Clinical Trials for CIs</td>
<td>3 (Didactic)</td>
<td></td>
</tr>
<tr>
<td>GS-CT-5040</td>
<td>Special Projects ± Electives</td>
<td>9</td>
<td></td>
</tr>
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Total: 12 (3)

<table>
<thead>
<tr>
<th>Term 3</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GS-CT-6303</td>
<td>CICS 3: Translational Research for CIs</td>
<td>3 (Didactic)</td>
<td></td>
</tr>
<tr>
<td>GS-CT-5040</td>
<td>Special Projects ± Electives</td>
<td>9</td>
<td></td>
</tr>
</tbody>
</table>

Total: 12 (3)

**Quantifying Progress Review Requirement:**
- Takes place following first year of coursework
- Student must complete all prerequisite activities defined by the program before the QPR.

## Year Two Requirements:

<table>
<thead>
<tr>
<th>Term 1</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GS-CT</td>
<td>Research Hours ± Electives</td>
<td>12</td>
<td></td>
</tr>
</tbody>
</table>

Total: 12

<table>
<thead>
<tr>
<th>Term 2</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GS-CT</td>
<td>Research Hours ± Electives</td>
<td>12</td>
<td></td>
</tr>
</tbody>
</table>

Total: 12

<table>
<thead>
<tr>
<th>Term 3</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GS-CT</td>
<td>Research Hours ± Electives</td>
<td>12</td>
<td></td>
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</tbody>
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Total: 12

<table>
<thead>
<tr>
<th>Term 4</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GS-CT</td>
<td>Research Hours ± Electives</td>
<td>12</td>
<td></td>
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Total: 12

<table>
<thead>
<tr>
<th>Term 5</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GS-CT</td>
<td>Research Hours ± Electives</td>
<td>12</td>
<td></td>
</tr>
</tbody>
</table>

Total: 12

*Fourteen additional didactic hours are required for a total of thirty (30)*

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07.01.2021
**Biostatistics Requirement:**
Students are required to take GS-GS-6400 Foundations B: Biostatistics, or a substitute biostatistics course approved by the Program Director

<table>
<thead>
<tr>
<th>Term 3</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>GS-QC-6201</td>
<td>Applications to Biology of Computation</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>GS-GS-5105</td>
<td>Scientific Writing</td>
<td>1</td>
</tr>
<tr>
<td>Term 4</td>
<td>GS-QC-6302</td>
<td>Computer-Aided Discovery Methods</td>
<td>3</td>
</tr>
<tr>
<td>Term 4</td>
<td>GS-IY-6403</td>
<td>Fundamentals of Effective Grant Writing</td>
<td>4</td>
</tr>
<tr>
<td>Term 5</td>
<td>GS-CP-6202</td>
<td>Drug Discovery: Bench to Bedside</td>
<td>2</td>
</tr>
</tbody>
</table>

*Students may select electives from open course options in all graduate programs. Courses may be viewed in the AY21 Graduate School Bulletin*