

Course Requirement Checklist

MS in Clinical Investigation

Students Starting Academic Year: **2024-2025**

| Program Core Courses (16 credits): | | | | |
|---|------------|--|------|--|
| | GS-CT-6300 | Fundamentals of Clinical Investigation | 3 | |
| | GS-CT-6201 | Clinical Investigation 1: Research Development | 2 | |
| | GS-CT-6302 | Clinical Investigation 2: Research Design | 3 | |
| | GS-CT-6303 | Clinical Investigation 3: Career Development | 3 | |
| | GS-CT-6304 | Clinical Investigation 4: Research Application | 3 | |
| | GS-CT-6205 | Clinical Investigation 5: Grant Evaluation | 2 | |
| Biostatistics Course (either GS-GS-6400 or approved substitute): | | | | |
| | GS-GS-6400 | Foundations B: Biostatistics | | |
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| Didactic Elective Courses (at least 14 credits): | | | | |
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| Responsible Conduct of Research Course (1 credit): | | | | |
| | GS-CT-5101 | Responsible Conduct of Research for CIs | 1 | |
| Research Hours: | | | | |
| In each term, students enroll in the number of credits [beyond other coursework] needed to be enrolled full-time (minimum 3 per term) | | | | |
| | GS-CT-5040 | Special Projects | Var. | |
| <i>Taken each term after a mentor is appointed.</i> | | | | |

Graduate Degree Plan

MS in Clinical Investigation

Students Starting Academic Year: **2024-2025**

| General Degree Requirements: | | | | |
|--|------------|--|--------------|---------------|
| <ul style="list-style-type: none"> • Completion of at least 84 term hours • At least 30 of those term hours must be in Didactic courses • Complete a written research thesis, approved by thesis advisory committee | | | | |
| Requirements - Year One: | | | | |
| Term 1: | GS-CT-6300 | Fundamentals of Clinical Investigation | 3 (Didactic) | Total to Date |
| | GS-CT-6201 | Clinical Investigation 1: Research Development | 2 (Didactic) | |
| | GS-CT-5101 | Responsible Conduct of Research for CIs | 1 | |
| | | Research Hours/Elective Courses | 6 | |
| | | | Total: | 12 (5) |
| Term 2: | GS-CT-6302 | Clinical Investigation 2: Research Design | 3 (Didactic) | Total to Date |
| | | Research Hours/Elective Courses | 9 | |
| | | | | Total: |
| | | | | 24 (8) |
| Term 3: | GS-CT-6303 | Clinical Investigation 3: Career Development | 3 (Didactic) | Total to Date |
| | | Research Hours/Elective Courses | 9 | |
| | | | | Total: |
| | | | | 36 (11) |
| <i>Student's Thesis Advisory Committee must be appointed by the end of term 3 of the student's first year of enrollment.</i> | | | | |
| Term 4: | GS-CT-6304 | Clinical Investigation 4: Research Application | 3 (Didactic) | Total to Date |
| | | Research Hours/Elective Courses | 9 | |
| | | | | Total: |
| | | | | 48 (14) |
| Term 5: | GS-CT-6205 | Clinical Investigation 5: Grant Evaluation | 2 (Didactic) | Total to Date |
| | | Research Hours/Elective Courses | 10 | |
| | | | | Total: |
| | | | | 60 (16) |
| Requirements -Year Two Through Graduation: | | | | |
| Term 1: | | Research Hours/Elective Courses | 12 | Total to Date |
| | | | | Total: |
| | | | | 72 (16) |
| Term 2: | | Research Hours/Elective Courses | 12 | Total to Date |
| | | | | Total: |
| | | | | 84 (16) |
| Term 3: | | Research Hours/Elective Courses | 12 | Total to Date |
| | | | | Total: |
| | | | | 96 (16) |
| Term 4: | | Research Hours/Elective Courses | 12 | Total to Date |
| | | | | Total: |
| | | | | 108 (16) |
| Term 5: | | Research Hours/Elective Courses | 12 | Total to Date |
| | | | | Total: |
| | | | | 120 (16) |
| <i>Fourteen additional didactic hours are required for a total of thirty (30)</i> | | | | |

Biostatistics Requirement:

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

Recommended Electives:

| | | | |
|--------|------------|--|--------------|
| Term 3 | GS-QC-6201 | Applications to Biology of Computation | 2 (Didactic) |
| Term 3 | GS-GS-5105 | Scientific Writing | 1 |
| Term 4 | GS-QC-6302 | Computer-Aided Discovery Methods | 3 (Didactic) |
| Term 5 | GS-CP-6202 | Drug Discovery: Bench to Bedside | 2 (Didactic) |

**Students may select electives from open course options in all graduate programs.
Courses may be viewed in the [Graduate School Bulletin](#)*