### Clinical Investigation Certificate Requirements

<table>
<thead>
<tr>
<th>Requirements</th>
<th>Clinical Investigation Concentration</th>
<th>Translational Medicine Concentration</th>
<th>Genetics/Genomics Concentration</th>
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<tbody>
<tr>
<td>Concentration</td>
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<tr>
<td>Ethics</td>
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<td>Writing</td>
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<tr>
<td>Total Credits</td>
<td>16</td>
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</tbody>
</table>

- **Concentration**
  - 3 Credits: **Designing Outcomes and Clinical Research (Fall)** or **Epidemiology for Clinical Research (Spring)**
  - 3 Credits: **Intermediate Methods for Clinical and Outcomes Research (Spring)**
  - 3 Credits: **Introduction to Statistics (Fall)**
  - 3 Credits: **Intermediate Statistics (Spring)**
  - 2 Credits: **Ethical & Legal Issues (Fall)**
  - 2 Credits: **Scientific Writing (Spring) OR Grantsmanship (Fall)**

- **Statistics**
  - 3 Credits: **Intermediate Methods for Clinical and Outcomes Research (Spring)**
  - 3 Credits: **Introduction to Statistics (Fall)**
  - 3 Credits: **Intermediate Statistics (Spring)**
  - 2 Credits: **Ethical & Legal Issues (Fall)**
  - 2 Credits: **Scientific Writing (Spring) OR Grantsmanship (Fall)**

- **Ethics**
  - 2 Credits: **Ethical & Legal Issues (Fall)**
  - 2 Credits: **Scientific Writing (Spring) OR Grantsmanship (Fall)**

- **Writing**
  - 2 Credits: **Scientific Writing (Spring) OR Grantsmanship (Fall)**
  - 2 Credits: **Scientific Writing (Spring) OR Grantsmanship (Fall)**

- **Total Credits**
  - 16 Credits
  - 16 Credits
  - 16 Credits

*Higher level or alternate course in the same topic area can be substituted when appropriate. CI Director approval required. Must be graduate level course.

# Statistics Computing w/ SAS (M21-530) or good practical experience with SAS as determined by course instructor is required as a prerequisite for this course.

**Scholars pursuing the MTPCI, TL1, KL2, K12, etc. may also have other program requirements that must be completed in addition to the CI Certificate requirements. Check with your granting program to confirm course, seminar and thesis requirements.

Scholars have 5 years to complete all requirements of the Certificate. This can be extended at the discretion of the MSCI Program Director.

Transferred credits or substitutions other than those noted above are not allowable for the Certificate.

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Revised 1/27/16