## 1 & 2: Learning goals & Outcome measures – please list the program’s formal learning goals and associated outcomes measures

<table>
<thead>
<tr>
<th>Learning goal</th>
<th>Outcome measure(s)</th>
</tr>
</thead>
</table>
| 1. Knowledge of primary domains, theoretical frameworks, and standards applied in health informatics | • Written exams and papers  
• Successful completion of *Introduction to Health Informatics* course  
• Successful completion of *Health Data Standards* course |
| 2. Describe the complexities of clinical workflow, reimbursement, and health information technology use in healthcare | • Written exams and papers  
• Successful completion of *Healthcare Organization and Delivery* course  
• Successful completion of *Clinical Informatics* course  
  o Elective for additional depth: *Health Behavior and Consumer Health Informatics* course |
| 3. Design and conduct descriptive and inferential statistical analyses and predictive modeling of biomedical data sets using appropriate software | • Written exams and problem sets  
• Successful completion of *Introduction to Biostatistics with Lab in Stata or Biostatistics 1 with lab in R* course  
• Successful completion of *AI in Healthcare* in Python |
| 4. Skills to design and critically appraise research or evaluation studies of health informatics innovations | • Written exams and papers  
• Successful completion of *Research Methods in Health Informatics* course  
• Development of Capstone project plan |
| 5. Skills to manage health data in relational databases and non-relational formats | • Written exams and problem sets  
• Successful completion of *Health Data Management* course |
| 6. Ability to develop and succeed in cross-disciplinary teams to pursue common projects | • Successful prosecution of Capstone Project across 3 terms |
| 7. Aware of issues and best practices in the responsible conduct of research and human subjects research | • Successful completion of CITI *Responsible Conduct of Research and Biomedical Investigators* courses |
| 8. Able to present health informatics operational projects and research in a public forum, orally and in writing | • Graded end-of-term oral presentations (multiple courses)  
• Interim presentations of Capstone project (end of term)  
• Final presentation of Capstone project |

### 3: Learning assessment – List the names of the meeting(s) that will be used to conduct learning
assessment, including key participants

<table>
<thead>
<tr>
<th>Meeting title</th>
<th>Key participants (eg, program chair, program dir., course dirs., student reps)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. End-of-term Education Committee meeting</td>
<td>Program Directors and staff review student progress at end of every term</td>
</tr>
<tr>
<td>2. Annual Curriculum Committee Meeting</td>
<td>Program Directors and Curriculum Committee</td>
</tr>
</tbody>
</table>

### 4: Learning assessment process – Confirm that annually the program will (a) discuss the overall approach to learning assessment (ie, in terms of learning goals, outcome measures, and review process), and (b) submit a report to the Dean of the Graduate School, summarizing the findings of the annual assessment review.

(a) Annual discussion of approach to learning assessment: CONFIRMED / NOT CONFIRMED
(b) Annual learning assessment report to Dean: CONFIRMED / NOT CONFIRMED