MEDICAL SCIENCES
Selected Topics in Medical Sciences 4931F/G

Course description
An introduction to the basic medical sciences through a discussion and investigation of selected topics in medical sciences. Topics will focus on human diseases or conditions which are most common or result in most illness and death or burden to the health system (e.g., diabetes, obesity, cancer, neurodegenerative disease).

Antirequisite(s): Medical Sciences 4930F/G.

Learning outcomes
Upon successful completion of this course, students will be able to:

- Draw from multiple medical disciplines (e.g. pathology, epidemiology, biochemistry, anatomy, diagnosis and treatment) to use an interdisciplinary approach to evaluate a chosen disease.
- Recognize the structure and organization of scientific literature and describe the purpose of each section.
- Critique primary scientific literature by summarizing the main findings and identifying the strengths and weaknesses within a research study.
- Conduct a search inquiry using an appropriate medical literature database and summarize pertinent information.
- Evaluate scientific literature and synthesize concepts to create a literature review in a specific discipline of the chosen disease.
- Develop written and oral skills to communicate information, arguments, and analyses accurately and reliably, to a range of audiences.
- Explain the value of an interdisciplinary approach to medical science to a variety of audiences in different formats (e.g. cover letter and outreach event summary).

Evaluations

<table>
<thead>
<tr>
<th>Evaluation</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>Tutorial participation</td>
<td>10%</td>
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<tr>
<td>Oral presentation</td>
<td>10%</td>
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<tr>
<td>Written assignments</td>
<td>30%</td>
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<tr>
<td>Examinations</td>
<td>20% (midterm); 30% (final)</td>
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