Physiology & Pharmacology

PHYSIOL 4510A

Understanding Pluripotency: The physiology of stem cell fate and function

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This course overview has been created to communicate expectations for 2020/2021 courses offered by the basic medical science departments to help you plan your semesters. This is a draft and final details will be reflected in the syllabus closer to the start date of the course. Refer to previous course syllabi for learning outcomes.

Course description

The official course description can be found in the Academic Calendar. Instructors may or may not adhere to the extra information found in the Academic Calendar in terms of the number of lecture/tutorial/lab hours. See below for more information about course delivery mode and time estimates. These time estimates do not include assessments or independent study.

Required:

- Stable internet connection
- Laptop or computer
- Working microphone
- Working webcam

Delivery mode:

This course will have in person components and will also be delivered online. Virtual sessions will be a combination of synchronous (live modules/exercises) and asynchronous (recorded lectures). Students could be expected to complete work prior to attending sessions. Timetabled sessions could be used for lectures, tutorials, discussions, groupwork, etc. Below are details about the sessions.

<table>
<thead>
<tr>
<th>Mode</th>
<th>Dates</th>
<th>Time</th>
<th>Frequency**</th>
<th>Attendance</th>
</tr>
</thead>
<tbody>
<tr>
<td>In person active learning modules/exercises</td>
<td>Thursdays</td>
<td>2:30-4:20</td>
<td>Weekly#</td>
<td>Yes</td>
</tr>
<tr>
<td>Virtual synchronous* active learning modules/exercises</td>
<td>Thursdays</td>
<td>2:30-4:20</td>
<td>Weekly#</td>
<td>Yes</td>
</tr>
<tr>
<td>Virtual asynchronous lectures</td>
<td>N/A</td>
<td>1-1.5 hours</td>
<td>Weekly</td>
<td>N/A</td>
</tr>
</tbody>
</table>

*Virtual synchronous sessions will be recorded for later viewing  
**A schedule will be posted  
#We will have a mix of weekly in person and/or virtual active learning modules/exercises that could be move entirely online if required

Assessments:

Examples of assessments that could be assigned in this course are listed below; these examples are based on previous offerings of the course and the learning outcomes that have been set.

- Weekly quizzes  
- Written assignments  
- Oral presentations  
- Participation  
- Discussion forums  
- Groupwork  
- Take home tests/exams  
- Timed tests/exams  
- Proctored tests/exams