The University of Western Ontario
Faculty of Health Sciences
School of Health Studies

Foundations in Rehabilitation Sciences
RS3061B Course Outline
Winter 2025

ADMINISTRATION INFORMATION

• This is an elective course, 0.5 course credit
• Winter Term: January 6th – April 5th, 2025
• 9 hours per block; total lecture hours 27

COURSE TIMES AND LOCATION

See course schedule for details

COURSE MANAGER/INSTRUCTOR
Prof. Jen Van Bussel PT, MSc, FCAMPT
Email: jvanbus@uwo.ca
Office Hours: by appointment (online)

COURSE INSTRUCTORS

Physical Therapy Instructors
• Prof. Jen Van Bussel PT, MSc, FCAMPT
• Dr. Jayaprakash (JP) Raman PT, PhD
  Email: jraman3@uwo.ca

Occupational Therapy Section Instructor
• Prof. Josh Campbell OT Reg. (Ont.)
  Email: jcamp264@uwo.ca

Communication Sciences and Disorders Section Instructor
• David Sindrey
  Email: dsindre@uwo.ca

Communication: meetings

Students are expected to email the course manager or the course instructors for questions related to the course teachings, assignments or exams. Meetings will be scheduled by appointment only and will be conducted through zoom.
Prerequisite
Registration in a Rehabilitation Sciences module or enrolment in the 3rd or 4th year of the School of Health Studies or School of Kinesiology. Unless you have either the requisites for this course or written special permission from your Dean to enroll in it, you may be removed from this course and it will be deleted from your record. This decision may not be appealed. You will receive no adjustment to your fees in the event that you are dropped from a course for failing to have the necessary prerequisites. Please refer to the current Western Academic Calendar to confirm your prerequisites and/or antirequisites: www.westerncalendar.uwo.ca

Course description
This course would introduce students to the primary definitions and principles of rehabilitation sciences. Students will gain knowledge regarding the practice of rehabilitation professionals in Canada within an evidence-based context. The content would be delivered by a team of clinicians and researchers using a team-taught format, with multiple instructors responsible different sections and topics on the course.

Course learning objectives
The goal of this course is to introduce learners to rehabilitation practices and professions, with a focus on Physical Therapy (Physiotherapy), Occupational Therapy and Communication Sciences & Disorders (Speech and Language Pathology, Audiology).

After completing this course, learners will be able to:

- Define the role and scope of practice for selected rehabilitation professions.
- Identify the regulatory body/college for selected rehabilitation professions.
- Explain common, evidence-based, therapeutic approaches to rehabilitation among selected rehabilitation professions.
- Apply foundational knowledge of rehabilitation science to a case scenario.
- Practice knowledge translation and peer teaching skills through a novel video assignment.
- Communicate knowledge through written (e.g. assignments, exams) and oral (e.g. video presentation) formats.

Assignments and Evaluations
The following is a breakdown of the evaluations in this course.

<table>
<thead>
<tr>
<th>Evaluation</th>
<th>% of Course Mark</th>
<th>Brief Description (please see detailed description below)</th>
<th>Due Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Written Test 1 (PT)</td>
<td>20%</td>
<td>Multiple choice questions.</td>
<td>January 27th, 2025</td>
</tr>
<tr>
<td>Written Test 2 (OT)</td>
<td>20%</td>
<td>Multiple choice questions.</td>
<td>March 3rd, 2025</td>
</tr>
<tr>
<td>Written Test 3 (CSD)</td>
<td>20%</td>
<td>Multiple choice questions.</td>
<td>TBD (final exam period)</td>
</tr>
<tr>
<td>Individual Assignment</td>
<td>20%</td>
<td>Case Review</td>
<td>April 4th, 2025</td>
</tr>
<tr>
<td>Group Assignment</td>
<td>20%</td>
<td>Knowledge Translation Video</td>
<td>April 4th, 2025</td>
</tr>
</tbody>
</table>
Class Quizzes: A discipline-specific section exam concludes each lecture block, and each exam is worth 20% of your final grade. Exams are non-cumulative. Quiz format may include multiple choice, short answer, matching, fill in the blank questions. Emphasis is placed on application and synthesis of course information (i.e. not memorization of lecture slides). Each student must have a valid academic accommodation request or will receive a grade of zero (0) for a missed exam. All exams will take place online and you will have 1.5 to 2 hours to complete each exam (as decided for each instructor), unless otherwise accommodated by academic support (http://academicsupport.uwo.ca/).

Note: there is no cumulative final exam for this course, but Written Test 3 will be held during the final examination period in accordance with university regulations (i.e., no examinations within the three weeks immediately prior to the final examination period). The quiz will be available to students from 9:00AM to 5:00PM on the scheduled day for completion.

Individual Assignment: An individual assignment, where each student will be marked on the quality of the work they submit. Learners are encouraged to collaborate with peers while they develop their assignment, however each learner must submit an individual, and unique, evidence of their knowledge for grading. Assignment instructions and rubric are posted on Brightspace. More information on the case history for the assignment will be given on the first day of the class.

Group Assignment: A group assignment, where all members of the group receive the same grade. Learners will select their own groups of 5 members. Refer to the course schedule, assignment outline, and marking rubric on Brightspace. More information on the selection of topics will be posted on June 21, 2024.

Note: The choice of topic of the group assignments (PT or OT or CSD) will be on a first come-first serve basis. Students should email the course manager (Prof. Jen Van Bussel) with the details of their group assignment by 11:55 pm on June 28th 2024. Failure to do as instructed will result in a penalty of 5% from the total marks awarded for the assignment. More details on the assignment instructions and rubric are posted on Brightspace.

Readings/Bibliography

All the necessary course information will be posted to Brightspace including selected readings. Learners are responsible for accessing the reading materials through Brightspace and when required through the library or other credible scholarly sources. Selected readings are examinable content for the purpose of this course. There is no required textbook or reference material to purchase for this course. Learners are encouraged to seek resources related to PT/OT/CSD (For example: respective textbooks, journals and readings online) to supplement their learning. Resources can be accessed based on the content covered in the lectures. The required links to resources will be provided by the instructors in the lecture materials.

GRADING POLICY

The university-wide descriptor of the meaning of letter grades, as approved by Senate:
• A+ 90-100  One could scarcely expect better from a student at this level
• A  80-89  Superior work that is clearly above average
• B  70-79  Good work, meeting all requirements and eminently satisfactory
• C  60-69  Competent work, meeting requirements
• D  50-59  Fair work, minimally acceptable.
• F  below 50  Fail

It is anticipated that the grades for this course will fall between [74% and 78%]. In the event that the course average falls outside this range, a constant may be added (or subtracted) from each student’s grade, by the instructor, to bring the class average in line with school policy.

• Year 1: 68-72
• Year 2: 70-74 (core) and 72-76 (elective)
• Year 3: 72-76 (core) and 74-78 (elective)
• Year 4: 74-80

University Policies

Academic Offences

Scholastic offences are taken seriously and students are directed to read the appropriate policy, specifically, the definition of what constitutes a Scholastic Offence.

Plagiarism

Students must write their essays and assignments in their own words. Whenever students take an idea or passage from another author, they must acknowledge their debt both by using quotation marks where appropriate and by proper referencing such as footnotes or citations. Plagiarism is a major academic offence (see Scholastic Offence Policy).

AI Policy

Use of artificial intelligence (AI) is allowed in this class for the individual and group assignment for generation of ideas only. Use of AI is not allowed in this course for writing of text or rewriting your own work. Doing so would be considered a violation of the cheating and plagiarism standards of Western University Code of Academic Integrity. Violations could result in failure of the assignment or failure of the course and a notation on your transcript.

If you utilize AI for any part of idea generation for the individual and group assignment you must properly cite the AI chatbot. Failure to cite the AI tool used would be considered a violation of the plagiarism standard of Western University Academic Integrity. Violations could result in failure of the assignment or failure of the course and a notation on your transcript. See Western AI Policy for more details.

Generative AI chatbot permitted for use in this course

If you need to work with confidential, personal, or proprietary information:
• Microsoft Copilot is included in Western’s institutional license with Microsoft. When logged in with your Western credentials, any data you input into Copilot receives the same protections as data in Outlook, OneDrive, or other enterprise Microsoft products.

• You may use Copilot for confidential, personal, or proprietary information. However, remember that AI chatbots are tools, and sharing data with them requires careful risk management on a case-by-case basis. No blanket policy can declare a particular product completely “safe.”

To reiterate, these protections are only applied if you are logged in using your Western credentials and you are accountable for verifying this before sending confidential, personal, or proprietary information to Microsoft copilot.

(Note: You can verify if you are logged into Copilot by looking in the upper right-hand corner of the Copilot page for your UWO email address.)

If your work does NOT involve any confidential, personal, or proprietary information and you want the most capable generative AI model available, you can use ONLY the free version of the following apps.

• ChatGPT from OpenAI is the most free capable Large Language Model (LLM), GPT-4o. YOU ARE NOT ALLOWED TO USE THE SUBSCRIPTION VERSION of ChatGPT Pro which is a more advanced LLM.

• Gemini Advanced from Google offers an advanced model of similar quality to GPT-4o. The default, free, Gemini product is a smaller model that is not competitive with other top models and ALLOWED for use in this course. Access to Gemini advanced model requires a subscription and is NOT ALLOWED IN THIS COURSE.

• Anthropic Claude 3 Opus. Claude 3 has three models to choose from: Haiku, Sonnet, and Opus. You are allowed to use Haiku and Sonnet for this course. Access to Opus requires a subscription and is NOT ALLOWED IN THIS COURSE.

• StealthGPT is not allowed for use in this course.

When you submit your assignment, I expect you to clearly attribute what text was generated by the AI tool (e.g., AI-generated text appears in a different colored font, quoted directly in the text, or use an in-text parenthetical citation).

Since writing, analytical, and critical thinking skills are part of the learning outcomes of this course, all writing assignments should be prepared by the student or group of students. Developing strong competencies in this area will prepare you for a competitive workplace in the health sector. If any student or group has another person/entity do the writing of any substantive portion of an assignment for them, which includes hiring a person or a company to write essays and drafts and/or other assignments, research-based or otherwise, and using artificial intelligence affordances like ChatGPT for activities besides idea generation, it would be considered a violation of Western University Code of Academic integrity.

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Cheating

Computer-marked multiple-choice tests and/or exams may be subject to submission for similarity review by software that will check for unusual coincidences in answer patterns that may indicate cheating.

Proficiency in English

Each student granted admission to Western must be proficient in spoken and written English. Students must demonstrate the ability to write clearly and correctly. Work presented in English in any subject at any level, which shows a lack of proficiency in English and is, therefore, unacceptable for academic credit, will either be failed or, at the discretion of the instructor, returned to the student for revision to a literate level.

Student Code of Conduct

The purpose of the Code of Student Conduct is to define the general standard of conduct expected of students registered at The University of Western Ontario, provide examples of behaviour that constitutes a breach of this standard of conduct, provide examples of sanctions that may be imposed, and set out the disciplinary procedures that the University will follow. For more information, visit http://www.uwo.ca/univsec/pdf/board/code.pdf.

Attendance and Participation

Learners are expected to attend and participate in lectures. As a class, you have the right to a creative and respectful learning environment that promotes knowledge acquisition and skill mastery. To achieve this, you have the collective responsibility to engage in behaviors that demonstrate respect for and collaboration with your fellow learners and teachers. This includes:

Punctuality

Arrive prior to the start of a lecture and, when required, enter or exit lectures quietly and discretely so as not disrupt your colleagues.

Using Zoom only for Tests and Examinations

Tests and examinations in this course will be conducted using Zoom. You will be required to keep your camera on for the entire session, hold up your student card for identification purposes, and share your screen with the invigilator if asked to do so at any time during the exam. The exam session will not be recorded.

Using Proctortrack for Examinations

Proctortrack is a remote proctoring tool that leverages automation and AI to provide proctoring in conjunction with your assessment. Students will be monitored by Proctortrack within their environment and for any desktop activity e.g. screenshots or messaging.

Completion of this course will require you to have a reliable internet connection and a device that meets the system requirements for Zoom. Please review information about the system requirements.
Late Penalties

Students are expected to submit assignments by the due dates. Late assignments/missed presentations will be accepted at the discretion of the instructor. This may qualify as a “lack of professionalism” and be subject associated penalties. Late submission of assignments will result in a penalty of 5% for every day after the deadline. Assignments will not be accepted 5 days after the deadline and the students will receive a grade of ‘0’ (zero) for that assignment.

Use of Electronic Devices

**During Exams:** Unless you have medical accommodations that require you to do so, or explicit permission from the instructor of the course, you may not use the following electronic devices during ANY of the three quizzes: cellphones, smart phones, smart watches, smart glasses, audio players or recorders of any sort, video games, DVD players, televisions, flashlights, or laser pointers.

**During Lectures and Tutorials:** Although this course is online distant learning and requires the use of a computer to access the instruction platform on zoom, you are expected to use the computer for scholastic purposes only, and refrain from engaging in any activities that may distract other students from learning.

Use of Course Materials

Course instructors own and retain the intellectual property rights of their teaching materials. These rights extend to materials used in online settings and digital learning management systems like Brightspace, Zoom and TopHat. Students do not have our permission to make audio or video recordings of lectures, take pictures of lecture material, or distribute any course content for nefarious purposes (E.g. for sale or to cheat on exams). The instructor decides how and when teaching materials can be shared or used. **Unless explicitly noted otherwise, you may not make audio or video recordings of pre-recorded lectures or other course materials. Nor may you edit, re-use, distribute, or re-broadcast any of the material posted to the course website.**

Health and Wellness

The undergraduate experience is rewarding and challenging socially, emotionally, and intellectually. Finding ways to balance scholarly life with our personal lives can be tough, but it’s important to learn how to manage stress. As part of a successful undergraduate experience at Western, we encourage you to make your health and wellness a priority. Western provides several on-campus health-related services to help you achieve optimum health and engage in healthy living while pursuing your degree. For example, to support physical activity, all students receive membership in Western’s Campus Recreation Centre as part of their registration fees. Numerous cultural events are offered throughout the year. Please check out the Faculty of Music web page (http://www.music.uwo.ca/), or the McIntosh Gallery (https://mcintoshgallery.ca) Further information regarding health and wellness-related services available to students may be found at http://www.health.uwo.ca/.

Students seeking help regarding mental health concerns and navigating resources at Western should refer to Mental Health@Western Mental Health Support - Health & Wellness - Western University (uwo.ca) for a complete list of options about how to obtain help. To help you learn more about mental
health, Western has developed an interactive mental health learning module, found here: Health & Wellness - Western University (uwo.ca).

For students interested in accessing mental health support on campus, Western Health and Wellness provides professional, confidential short-term psychological services and same-day crisis counselling free of charge to all Western students, as well as several other resources and supports. Information on mental health support at Western, as well as crisis contacts and details on how to book a counselling appointment can be found on Health and Wellness’ website.

If you are in mental or emotional distress and need help now, please dial 911 if calling on campus/ 519-661-3300 from a cellphone, and/or visit Western’s Health and Wellness website for additional contacts.

Support Services

There are various support services around campus, and these include, but are not limited to:

1. Student Development Centre -- http://academicsupport.uwo.ca/
2. Student Health -- https://www.uwo.ca/health/
3. Registrar’s Office -- http://www.registrar.uwo.ca/
4. Ombudsperson Office -- http://www.uwo.ca/ombuds/

Having the numbers of a few trusted individuals is another strategy.

Academic Consideration for Medical Illness or Non-medical Absences

The University recognizes that a student’s ability to meet their academic responsibilities may, on occasion, be impaired by extenuating circumstances, including short-term illness or injury.

Reasonable academic consideration is a cooperative process between the University, the student, and academic staff. All participants in the process must act in good faith, and fulfil their respective obligations, if it is to succeed.

Students who experience an extenuating circumstance (illness, injury, or other extenuating circumstance) sufficiently significant as to temporarily render them unable to meet academic requirements, may submit a request for academic consideration through the following routes:

a. For medical absences, submitting a Student Medical Certificate (SMC) signed by a licensed medical or mental health practitioner, in order to be eligible for Academic Consideration; or
b. For non-medical absences, submitting appropriate documentation (e.g., obituary, police report, accident report, court order, etc.) to academic advising office in their faculty of registration, in order to be eligible for academic consideration.

Students seeking academic consideration:

- Are advised to consider carefully the implications of postponing tests or midterm exams or delaying handing in their work;
- Are encouraged to make appropriate decisions, based on their specific circumstances, recognizing that minor ailments (e.g., upset stomach) or upsets (e.g., argument with a friend) are not normally an appropriate basis for a self-reported absence;
• **Must communicate with their instructors no later than 24 hours** after the end of the period covered by either the self-reported absence or SMC, or immediately upon their return following a documented absence;

Are advised that all necessary documentation, forms, etc. are to be submitted to academic advising office within two business days after the date specified for resuming responsibilities.

**Accessibility**: Western is committed to achieving barrier-free accessibility for all its members, including undergraduate students. As part of this commitment, Western provides a variety of services devoted to promoting, advocating, and accommodating persons with disabilities in their respective undergraduate program. Please see the Policy on Academic Accommodation for Students with Disabilities for more information. Graduate students with disabilities (for example, chronic illnesses, mental health conditions, mobility impairments) are encouraged to register with Student Accessibility Services, a confidential service designed to support graduate and undergraduate students through their academic program. With the appropriate documentation, the student will work with both SAS and their graduate programs (normally their Undergraduate Chair and/or Course instructor) to ensure that appropriate academic accommodations to program requirements are arranged. These accommodations may include alternative formatted literature, accessible campus transportation, learning strategy instruction, writing exams and assistive technology instruction. For more information, visit [Accessible Education’s website](#).

**Statement of Acceptance**

As primary healthcare professionals we value the diversity and differences of all people. The Schools of Physical Therapy, Occupational Therapy and Communication Sciences and Disorders at Western University are committed to providing a working and learning environment that allows for full and free participation of all members of the community, and to support trauma-informed rehabilitation practices. There is zero tolerance for discrimination by or against any student, faculty, or staff member and any incident will be taken seriously.

For more information, see: [Western Policy on Non-Discrimination/Harassment](#)

**Land Acknowledgement**: We acknowledge that Western University and the School of Physical Therapy, Occupational Therapy and Communication Sciences and Disorders is located on the traditional lands of the Anishinaabek (Ah-nish-in-a-bek), Haudenosaunee (Ho-den-no-shownee), Lúnaapéewak (Len-ahpay-wuk) and Attawandaron (Add-a-won-da-run) peoples, on lands connected with the London Township and Sombra Treaties of 1796 and the Dish with One Spoon Covenant Wampum.

With this, we also acknowledge the health inequities caused by historical and ongoing injustices that Indigenous Peoples (e.g. First Nations, Métis and Inuit) endure in Canada, and the damaged health systems that remain. We accept responsibility as a public institution and as health and rehabilitation educators to contribute toward revealing and correcting miseducation and to work towards the restorative impacts of reconciliation.
**Common Concern Guidelines**

The table below summarizes a list of common student concerns and how they are to be resolved. If you have a concern that is not listed here, please email your instructor.

<table>
<thead>
<tr>
<th>Concern</th>
<th>How to address concern</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course administrative matters</td>
<td>Read through the course outline or email instructor if question cannot be answered from information in the course outline</td>
</tr>
<tr>
<td>Course content questions</td>
<td>Refer to the Brightspace Resources (notes, calendar, etc). Email the instructor.</td>
</tr>
<tr>
<td>Grade disputes and requests for appeals</td>
<td>A student requesting an appeal to a specific course with respect to a grade for an assignment or examination must first contact their instructor to discuss such manners.</td>
</tr>
<tr>
<td></td>
<td>Visit the following website for guide on submitting an appeal: <a href="https://uwo.ca/fhs/polices/appeals.html">https://uwo.ca/fhs/polices/appeals.html</a></td>
</tr>
</tbody>
</table>
RS3061 2025 Winter Course Schedule

<table>
<thead>
<tr>
<th>Date/Time/Location</th>
<th>Topic</th>
<th>Instructor(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Please note that the schedule is subject to change at the discretion of the course instructors. Any changes will be communicated to students. Please monitor your Western email regularly for notification of changes.</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Week 1</strong></td>
<td><strong>Monday January 6, 2025 6:30 PM – 9:30 PM</strong></td>
<td>JVB</td>
</tr>
<tr>
<td></td>
<td>Lecture 1: Introduction to Physiotherapy as a Profession</td>
<td></td>
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<tr>
<td><strong>Week 2</strong></td>
<td><strong>Monday January 13, 2025 6:30 PM – 9:30 PM</strong></td>
<td></td>
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<tr>
<td></td>
<td>Lecture 2: Physiotherapy Practice</td>
<td></td>
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<tr>
<td><strong>Week 3</strong></td>
<td><strong>Monday January 20, 2025 6:30 PM – 9:30 PM</strong></td>
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<tr>
<td></td>
<td>Lecture 3: PT Admissions and application to Physiotherapy programs</td>
<td></td>
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<tr>
<td><strong>Week 4</strong></td>
<td><strong>Monday January 27, 2025</strong></td>
<td>JVB, JP</td>
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<tr>
<td>Class Quiz 1</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td><strong>Covers all PT content from weeks 1-3</strong></td>
<td></td>
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<tr>
<td><strong>Week 5</strong></td>
<td><strong>Monday February 3, 2025 6:30 PM – 9:30 PM</strong></td>
<td>JC</td>
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<tr>
<td></td>
<td>Lecture 4: Introduction to OT and Occupation</td>
<td></td>
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<tr>
<td><strong>Week 6</strong></td>
<td><strong>Monday February 10, 2025 6:30 PM – 9:30 PM</strong></td>
<td>JC</td>
</tr>
<tr>
<td></td>
<td>Lecture 5: OT Frameworks and the OT process</td>
<td></td>
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<tr>
<td><strong>Week 7</strong></td>
<td><strong>Monday February 24, 2025 6:30 PM – 9:30 PM</strong></td>
<td>JC</td>
</tr>
<tr>
<td></td>
<td>Lecture 6: OT Practice areas, programs, and admissions</td>
<td></td>
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<tr>
<td><strong>Week 8</strong></td>
<td><strong>Monday March 3, 2025</strong></td>
<td>JC</td>
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<tr>
<td>Class Quiz 2</td>
<td></td>
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<tr>
<td></td>
<td><strong>Covers all OT content from weeks 5-7</strong></td>
<td></td>
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<tr>
<td><strong>Week 9</strong></td>
<td><strong>Monday March 10, 2025 6:30 PM – 9:30 PM</strong></td>
<td>DS</td>
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<td></td>
<td>Lecture 7: Overview to Audiology</td>
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<tr>
<td><strong>Week 10</strong></td>
<td><strong>Monday March 17, 2025 6:30 PM – 9:30 PM</strong></td>
<td>DS</td>
</tr>
<tr>
<td></td>
<td>Lecture 8: Introduction to SLP, programs, and admissions</td>
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<tr>
<td><strong>Week 11</strong></td>
<td><strong>Monday March 24, 2025 6:30 PM – 9:30 PM</strong></td>
<td>DS</td>
</tr>
<tr>
<td></td>
<td>Lecture 9: SLP service delivery areas</td>
<td></td>
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<tr>
<td><strong>Week 12</strong></td>
<td><strong>TBD (final exam period)</strong></td>
<td>DS</td>
</tr>
<tr>
<td>Class Quiz 3</td>
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<tr>
<td></td>
<td><strong>Covers all SLP content from weeks 9-11</strong></td>
<td></td>
</tr>
</tbody>
</table>

* No class on Monday February 17, 2025 (Family Day)