



College of Natural Science
MICHIGAN STATE UNIVERSITY

PSL 432 Human Physiology II Syllabus, 4 Credits

Lectures: Lecture materials and recordings will be available online through [D2L](#) by 1:50 PM on Monday, Wednesday, and Friday. Instructors will be available to answer questions through [MSU Zoom](#) during scheduled class time (1:50 to 2:40 pm M, W, F).

Recitations: Wednesday or Thursday depending on registered section (see page 2).

Course modality: Online.

Course platforms: [D2L](#) and [MSU Zoom](#)

Course Description: This course covers the molecular, cellular, tissue, and organ-level processes that underlie physiological control of the renal, immune, gastrointestinal, endocrine, and reproductive systems.

Textbook: *Human Physiology: From Cells to Systems*, by Lauralee Sherwood, Cengage Publishing; 9th edition. **Printed version:** ISBN #9781305616721. **Digital Version:** [Cengage.com](#). 4-month subscription ISBN #9780357700006, or 12-month subscription ISBN #9780357700013.

Required Technologies: Students must have a computer or tablet and high-speed internet access that allows for streaming of lecture recordings through D2L, taking quizzes and exams on D2L, and participating in recitations and polling through Zoom. Alternatively, students can use computers available at the [MSU Computer Labs](#).

Technical Assistance:

MSU IT Service Desk at 517-432-6200, 884-678-6200, or ithelp@msu.edu.

D2L Help Site at <https://help.msu.edu> or <https://help.d2l.msu.edu>

Zoom help at MSU IT Service Desk or <https://support.zoom.us/hc/en-us>

Learning Continuity Statement: Should you become unable to attend class for an extended period of time due to documented health or personal issues, contact [Dr. Olson](#) to discuss accommodations. If the prolonged absence exceeds the date when grades are due to the Registrar's Office the student will receive an Incomplete (I).

Course Continuity Statement: Should a member of the PSL 432 Instructor team be required to be absent for an extended period of time, the other instructors will deliver their course content and cover their office hours. If this occurs, students will be notified of which Instructor is now responsible for the content and should be contacted about it.

Instructors: PSL 432 is *team-taught* by 3 instructors. **Dr. Olson is the Course Coordinator** and is responsible for organizing the course content, examinations, and grading. If you have questions

about the course, please direct them to [Dr. Olson](#). If you have questions about lecture content, please direct them to the instructor who taught that particular lecture/concept.

Instructor	Email	Office Hours	Zoom Office Hour Link
Karl Olson, Ph.D. Course Coordinator Instructor: GI, Endo Pronouns: he/him/his	olsonla@msu.edu	Wednesday 9:30 -10:30 AM, Or by appointment	https://msu.zoom.us/j/97779671924 Meeting ID: 977 7967 1924 Passcode: 124391
		Feb 24 – Apr 4 scheduled class time 1:50 to 2:40 pm M, W, F.	
Nara Parameswaran, Ph.D. Instructor: Renal, Immuno Pronouns: he/him/his	narap@msu.edu	Jan 11 – Feb19 scheduled class time 1:50 to 2:40 pm M, W, F. Or by appointment	https://msu.zoom.us/j/96946877408 Meeting ID: 969 4687 7408 Passcode: 724483
Susanne Mohr, Ph.D. Instructor: Repro Pronouns: she/her/hers	mohrs@msu.edu	Apr 5-Apr 21 scheduled class time 1:50 to 2:40 pm M, W, F. Or by appointment	https://msu.zoom.us/j/96813591106 Meeting ID: 968 1359 1106 Passcode: 759725

Teaching Assistants & Recitations:

To attend your recitation section, you must register prior to class using the section-specific Zoom link listed below.

Sec #	Day	Time	Recitation Zoom Link	TA
1	W	10:20 AM	https://msu.zoom.us/meeting/register/tJwlceGvqD8oGtDJBDfa49IK_I2vHvZpLkg	Zayn Al-Zahid alzahidz@msu.edu
2	W	11:30 AM	https://msu.zoom.us/meeting/register/tJcsduCspzlvG9xqpWp8LNghQL2XgmBHcxsb	
4	Th	11:30 AM	https://msu.zoom.us/meeting/register/tJ0vf-uvrT4sGtE36JAqzL227kwYMcUXMCgM	Thomas Turkette turkette@msu.edu
5	Th	12:40 PM	https://msu.zoom.us/meeting/register/tJAqce6qrz0jHtHNQE9pvVPuVvYLEWq3RScza	
3	W	3:00 PM	https://msu.zoom.us/meeting/register/tJUuceuqrzgvH9cpHvHEyFhNdW-SJHqNdluF	Hayden Stoub stoubhay@msu.edu
6	Th	6:30 PM	https://msu.zoom.us/meeting/register/tJclfuyspjiosG9QCSagIwJ_FX92TgmclenNj	

Attendance Policy:

- **Lectures:** Students are strongly encouraged to view the lecture recordings and to take the **graded** lecture quizzes and practice exams available on D2L. Moreover, students are encouraged to ask instructors questions during the regular schedule class time. Attendance and participation, however, is not monitored or required.
- **Recitations:** Students are expected to attend weekly recitation sections given via Zoom. They are also expected to actively participate in discussions. Attendance is required to complete the weekly recitation quiz.

Access Course Materials and Recordings via D2L:

The [D2L](#) folder “**SS21-PSL-432-Human Physiology II–ALL SECTIONS**” contains:

- Lecture and Recitation Materials
- Lecture (and module) recording links
- Quizzes and Exams
- Earned Points

Lecture Format:

- Lecture materials and recordings are available through [D2L](#). There are a **total of 35 lectures**, but there may be more than one recording (or module) per lecture.
- Schedule class time will be used by instructors to answer students’ questions.
- There are **5 graded questions on D2L** that you need to answer after you have watched lecture (and multiple modules).
- It is recommended that you download lecture materials from D2L prior to watching the lecture recordings and take notes “in your own words” to facilitate your personal understanding.
- All course materials are the copyrighted property of the course instructors and Michigan State University. Students are therefore not permitted to make, post, or otherwise distribute recordings of lectures or other course material without the advance written permission of the course instructor.

Recitation Format:

- Recitations are led by TAs and focus on challenging concepts from the previous lectures. Recitations will enable you to “actively exercise” concepts to enhance your learning.
- **Download Recitation materials and work through them PRIOR to attending the Recitation.** Preparing ahead of time will help you get the most of out the recitation.
- **There is a 10-point quiz (5 multiple-choice questions) at the end of each recitation section over the material that is covered in lectures and recitation.**
- Recitations are delivered by Zoom and quizzes will be administered using the Zoom polling function.

Honors Option (Only for Honors College Students):

Contact [Dr. Olson](#) no later than February 19th if you want to complete an Honors Option in PSL 432. Any PSL 432 instructor may supervise an Honors Option and selection is based on the student’s and instructor’s interest.

Tutors: Contact [Dr. Olson](#) if you are interested in working with a tutor.

GRADING POLICY

There are 750 total points in this class. The points come from:

Assessment	Points	# of questions	Notes	% of grade
35 Lecture Quizzes	87.5	5 per lecture	0.5 pt per question, 35 lectures	12%
10 Practice Exams	100	10 per practice exam	1 pt per question, 2 practice exams per topic	13%
10 Recitation Quizzes	100	5 per quiz	2 pts per question, 11 recitation quizzes-one lowest scored quiz dropped	13%
Topic Exam 1	90	30 questions	3 pts per question	12%
Topic Exam 2	90	30 questions	3 pts per question	12%
Topic Exam 3	90	30 questions	3 pts per question	12%
Topic Exam 4	90	30 questions	3 pts per question	12%
Topic Exam 5	90	30 questions	3 pts per question	12%
Other participation pts	12.5		Syllabus signature page and course surveys	2%
Total Points	750			100%

Please see Quiz and Exam Schedule on pages 10 through 12.

Lecture Quizzes (87.5 points)

- There will be 35 lecture quizzes: one quiz per lecture.
- Please note that there will be multiple online module recordings per lecture.
- The quiz can be taken at any time after you have viewed the lecture recording.
- There is a 30-minute limit once quiz is activated.
- Each lecture quiz will have 5 questions, each worth 0.5 points.

Practice Exams (100 points)

- There will be 2 practice exams per topic domain (e.g. Renal, Immuno, GI, Endo, or Repro) for a total of 10 exams.
- Each practice exam is offered during a **3-day** “release window” during which you can take the exam twice. After the release window closes the exam **CANNOT** be made up.
- The dates the practice exam opens and closes will be posted on the D2L course calendar.
- The practice exams are designed to reward you for studying the topic materials in a timely fashion. The questions are from previous PSL 432 exams.
- Each practice exam will have 10 multiple-choice questions, each worth 1 point.

Recitation Quizzes (100 points)

- There will be a quiz after each recitation session for a total of 11 quizzes. The quizzes will be administered during the final 10 minutes of the recitation period using the “Polling” function on Zoom.
- Quiz material will consist of material that you are required to prepare for recitation (e.g. worksheet, table) and that is **covered** during the recitation. **If you prepare for recitation and pay attention during recitation you should be able to do well on the quiz.**
- Each recitation quiz will have 5 multiple-choice questions, 2 points each
- One of your lowest scored quizzes (out of 11) will be dropped. No make-up quizzes will be given without documentation of illness or other reasonable absence.

Topic Exams (450 points)

- There will be 5 topic exams, each worth 90 points (450 points total)

- Four of the topic exams are scheduled on Fridays (2/12, 2/26, 3/19, 4/9) during class time (1:50 to 2:40 pm).
- The fifth topic exam is schedule during finals week on Monday 4/26 from 3:00 to 3:50 pm.
- Topic exams are 50 minutes long.
- Exams will be composed of 30 multiple-choice questions, each worth 3 points.

Course Grades

- Grades will be determined by the percentage of points earned out of the total possible 750 points.
- Students earning:
 - $\geq 90\%$ of possible points will receive a 4.0.
 - 89-80% of possible points will receive a 3.0 or better.
 - 79-70% of possible points will receive a 2.0 or better.
 - 69-60% of possible points will receive a 1.0 or better.
- In practice, the straight grading scale described above can be curved to adjust for yearly variations in test difficult and class performance. The final grade curve will not be more rigorous than the straight grading scale and will be designed to help, not hurt, the student.
- Petitions to re-evaluate a course grade will be considered in writing only (e-mail) and must be submitted to Dr. Olson within one week after the beginning of the semester following completion of 2021 PSL 432, according to University guidelines.

Make-Up Exams:

- Make-Up Exams are only possible if a student has a legitimate health emergency (serious illness, not a cold) or serious extenuating circumstances (see grief absence policy below).
- **Documentation** of the emergency must be provided by a legitimate physician on their letterhead with their signature and contact information.
- **Contact [Dr. Olson](#) as soon as possible if you must miss an exam due to a serious emergency, ideally before the exam or at latest within 24 hr of the exam. Make-ups will be negotiated solely with Dr. Olson.**
- Note that a make-up exam may not be the same as the exam given during the normal exam period. Instructors reserve the right to use an alternate exam.

Policy on Overlapping Finals:

- This course follows the [MSU Final Exam Policy](#)
- According to University policy you may be eligible to take the final exam at an alternative time **IF** a) you have 2 final exams scheduled at the same time; **OR** b) you have 3 final exams scheduled on the same calendar day.
- If either of these situations applies to you, contact [Dr. Olson](#) **BEFORE THE FINAL WEEK OF CLASSES** and he will schedule an alternate time for you to take the final exam.
- Note: when a conflict as described above arises because of use of a common final (as in some multi-section chemistry courses), the course utilizing the common final will normally be responsible for scheduling an alternate for those students for whom conflicts arise (as per official MSU exam scheduling policy.)

Rules for Exams and Final:

- No questions on content will be answered during the exams.

- Exams are given and scored via D2L. Exam results will be posted to the D2L Gradebook usually within 1 week of the exam date. It is the responsibility of the student to assure that his/her exam was graded correctly.
- Any appeals for additional credit on an exam because of a scoring error or student appeal to re-evaluate individual questions must be submitted in writing (email) to the relevant instructor and Dr. Olson within 1wk of the time exam results are distributed. Appeals must provide justification for why the scoring issue or alternate answer deserves to receive credit. You cannot appeal a question that you failed to answer on the D2L exam.

Accommodations for Students with Disabilities:

- Michigan State University is committed to providing equal opportunity for participation in all programs, services and activities. Requests for accommodations by persons with disabilities may be made by contacting the Resource Center for Persons with Disabilities (RCPD) via the [RCPD website](#) or via phone (517-884-7273). Once your eligibility for an accommodation has been determined, you will be issued a verified individual services accommodation (“VISA”) form. Students **must** be registered with RCPD in order to obtain a VISA
- Students must inform [Dr. Olson](#) regarding any accommodations needed at the start of the semester and must provide their RCPD-issued VISA.
- Accommodation arrangements must be made at least 2 weeks prior to the exam. Requests received after this date will be honored whenever possible but cannot be guaranteed.

Accommodations for COVID-19 and other Serious Health Conditions:

- **COVID-19:** If you have been sick with COVID-19 [symptoms](#), have tested positive for COVID-19, or have been potentially [exposed](#) to someone with COVID-19 please follow CDC guidance to [self-isolate or stay home](#). Accommodations will be made for any student who must miss class due to COVID-19 illness or self-isolation so that it will not harm their performance or put them at a disadvantage in the class. Contact [Dr. Olson](#) to arrange accommodations.
- **Other Serious Health Conditions:** Contact [Dr. Olson](#) to discuss and arrange accommodations.

Academic Honesty:

- Article 2.3.3 of the [Academic Freedom Report](#) states “The student shares with the faculty the responsibility for maintaining the integrity of scholarship, grades and professional standards.” In addition, the Department of Physiology adheres to the policies on academic honest as specified in General Student Regulations 1.0, *Protection of Scholarship and Grades*; the All-University Policy on *Integrity of Scholarship and Grades*; and Ordinance 17.00, Examinations.
- **You are expected to complete all quizzes, exams and the final without assistance from any source. Students who violate MSU rules may receive a penalty grade including, but not limited to, a failing grade on the quiz/exam/final or in the course.**

Grief Absence Policy:

Michigan State University is committed to ensuring that the bereavement process of a student who loses a family member during a semester does not put the student at an academic disadvantage in their classes. If you require a grief absence fill out a Grief Absence Request form no later than one week after knowledge of the circumstance. This form can be found at

<https://reg.msu.edu/Forms/Stulnstr/Menu.aspx>. The college will then inform Dr. Olson, who will then work with you to make appropriate accommodations so that you are not penalized due to a verified grief absence.

Representative for the College of Natural Science: Heidi Purdy, purdyh@msu.edu

Representative for the Lyman Briggs College: Amy Martin, mart1742@msu.edu

Course and Instructor Evaluation:

- The SIRS Online system will be used for evaluation of PSL 432
- Students are encouraged to submit their opinions of the course and individual instructors at the end of each semester via SIRS Online: <https://sirsonline.msu.edu>
- Students will be required to complete the SIRS Online form or indicate within that form that they decline to participate. Otherwise, final grades will be sequestered for seven days following the course.
- An “Opt Out” option is possible and Student anonymity is carefully protected.

Inclusion and Equity:

MSU is committed to creating and maintaining an inclusive community in which students, faculty, and staff can work together in an atmosphere free from all forms of discrimination. The Office of Institutional Equity (OIE) reviews concerns related to discrimination and harassment based on sex, gender, gender identity, race, national origin, religion, disability status, and any other protected categories under the University Anti-Discrimination Policy (https://www.hr.msu.edu/policies-procedures/university-wide/ADP_policy.html) and Policy on Relationship Violence and Sexual Misconduct (https://www.hr.msu.edu/policies-procedures/university-wide/RVSM_policy.html). If you experience or witness acts of bias, discrimination, or harassment, please report these to the **Office of Institutional Equity (OIE) website:** <http://oie.msu.edu/>.

Mandatory Reporting Policy:

As a professor, one of my responsibilities is to help create a safe learning environment for my students and for the campus as a whole. As a member of the university community, I have the responsibility to report any instances of sexual harassment, sexual violence and/or other forms of prohibited discrimination. If you would rather share information about sexual harassment, sexual violence or discrimination to a confidential employee who does not have this reporting responsibility, you can find a list of those individuals here <https://caps.msu.edu/>

TIPS TO SUCCEED IN PSL 432:

- 1) READ the chapter to be covered before each class so you are prepared for the lecture. Having some idea of the concepts will help you make the most of the lecture period.
- 2) REVIEW your notes *after each class and before the next class*. Spending an hour out of class for each hour in class will help immeasurably
- 3) STAY CURRENT: because each concept builds upon the one before, you need to keep up with the material. DO NOT wait until the day before an exam to study--- you will be lost.
- 4) PUT IT INTO YOUR OWN WORDS. Don't just passively look at lecture notes or listen to a lecture, that won't help you. **You** need to actively work with the content and format it in a way that will enable you to learn it. Past students suggest the following techniques to master the material:
 - Re-write and/or make your own slides that explain concepts in **your own** words.

- Draw pictures or diagrams
 - Think about how a change (e.g. loss or gain of a receptor, cell, protein) would change function of a pathway or tissue function.
 - Write an essay to describe a concept
 - Explain a concept and/or teach it to a friend (this will test if you really know it)
 - Actively work with the material. Doing so will allow you to learn it at a much deeper level which is important because you need to be able to...
- 5) INTEGRATE CONCEPTS. Simply memorizing the notes will **not** enable you to pass this class. Really. You need to be able to deeply understand the pathways, mechanisms and **connect** them to other topics/mechanism.
- 6) PRACTICE MULTIPLE CHOICE QUESTIONS. The format of the exams/quizzes can sometimes trip students up at first. Practice with sample multiple choice questions in advance. Tips for this:
- Carefully read the question. What is it asking for?
 - Examine **each** foil: is it true or false? Reason through why or why not.
 - Identify the right foil by understanding why the others are **not** right.
- 7) ASK QUESTIONS: Let your instructor or TA know if you are having trouble with a concept: we can't help if we don't know that there is a problem.

LECTURE & RECITATION SCHEDULE:

L# = Lecture Number (Dates in Red are Fridays)

- Note Recitation Grouping: Indicates the predicted lectures that will be covered during that weeks' recitation.

Dates	L#	Lecture Topic	Instructor	Reading	Recitation #
11-Jan		RRR period			
13-Jan		RRR period			
15-Jan		RRR period			
18-Jan		Martin Luther King Day – No Class			
20-Jan	1	Renal anatomy and function	Parameswaran	p491-96	
22-Jan	2	Renal anatomy and function	Parameswaran	p496-505	
25-Jan	3	Glomerular filtration	Parameswaran	p505-517	
27-Jan	4	Glomerular filtration and tubular transport	Parameswaran	p517-520	RECITATION 1 Jan 27/28 L#1-3
29-Jan	5	Tubular transport	Parameswaran	p535-547	
1-Feb	6	Urinary excretion and Clearance	Parameswaran	p507-517, 520-28, 535-547	
3-Feb	7	Regulation of sodium and water balance	Parameswaran	p507-517, 520-28, 535-547	RECITATION 2 Feb 3/4 L#4-6
5-Feb	8	Immunology	Parameswaran	p380-85	
8-Feb	9	Immunology	Parameswaran	p385-394	
10-Feb	10	Immunology	Parameswaran	p404-07, 415-431	RECITATION 3 Feb 10/11 L#6, 7
12-Feb		Exam 1: Covers lectures 1 – 7 1:50-2:40 pm			Renal Exam 1
15-Feb	11	Immunology	Parameswaran	p395-400, 413-415	
17-Feb	12	Immunology	Parameswaran	p408-412, 431-438	RECITATION 4 Feb 17/18 L#8-11
19-Feb	13	Immunology	Parameswaran		
22-Feb	14	Microbiome	Parameswaran		
24-Feb	15	Overview of gastrointestinal physiology	Olson	p565-570	RECITATION 5 Feb 24/25 L#12-14

26-Feb		Exam 2: Covers lectures 8 – 14 1:50-2:40 pm			Immuno Exam 2
1-Mar	16	Regulation and integration of gut function	Olson	p113-129, 233-241, 571-573	
3-Mar		No Class			
5-Mar	17	Gastrointestinal motility	Olson	p573-582, 598-599, 610-613	
8-Mar	18	Gastrointestinal secretion	Olson	p574-575, 582-592	
10-Mar	19	Gastrointestinal secretion	Olson	p574-575, 582-592	RECITATION 6 Mar 10/11 L# 15-18
12-Mar	20	Digestion and absorption	Olson	p60-77, 358-360, 595-610	
15-Mar	21	Digestion and absorption	Olson	p60-77, 358-360, 595-610	
17-Mar	22	Hypothalamus and pituitary I	Olson	p646-652	RECITATION 7 Mar 17/18 L# 19-21
19-Mar		Exam 3: Covers lectures 15 – 21 1:50-2:40 pm			GI Exam 3
22-Mar	23	Hypothalamus and pituitary II, Growth hormone	Olson	p652-660	
24-Mar	24	Thyroid	Olson	p665-671	RECITATION 8 Mar 24/25 L# 22-24
26-Mar	25	Adrenal	Olson	p672-682	
29-Mar	26	Endocrine pancreas & whole body metabolism	Olson	p685-701, 619-627	
31-Mar	27	Regulation of food intake	Olson	p685-701, 619-627	RECITATION 9 Mar 31/Apr 1 L# 24-26
2-Apr	28	Calcium and phosphate metabolism	Olson	p701-712	
5-Apr	29	Male Reproductive 1	Mohr	Readings on D2L	
7-Apr	30	Male Reproductive 2	Mohr	p716-723	RECITATION 10 Apr 7/8 L# 27,28
9-Apr		Exam 4: Covers lectures 22 – 28 1:50-2:40 pm			ENDO Exam 4
12-Apr	31	Female Reproductive 1	Mohr	p723-732	
14-Apr	32	Female Reproductive 2	Mohr	p736-752	RECITATION 11 Apr 14/15 L# 29-31
16-Apr	33	Fertilization	Mohr	p736-752	
19-Apr	34	Sexual Differentiation	Mohr	p732-736	
21-Apr	35	Embryology	Mohr	p752-763	

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23-Apr		No Class			
26-Apr		Exam 5: Covers lectures 29-35 3-5 pm			REPRO Exam 5

QUIZ AND EXAM SCHEDULE:

*Lecture Quiz (LQ) – 5 questions per lecture, 30-minute limit, taken any time. Each lecture might have multiple module recordings.

**Practice Exam (PE) – 10 questions, 30-minute limit, repeated twice, must be taken during 3-day time window.

***Recitation Quiz (RQ) – 5 questions, 10-minute limit, taken during recitation.

****Topic Exam – 30 questions, 50-minute limit, taken during class period on Fridays.

Dates in Red are Fridays

Dates	Lecture # -may have multiple modules per lecture	Lecture Topic	Lecture Quiz* (5Q, 0.5 pt/Q)	Practice Exam** (10Q, 1 pt/Q)	Recitation Quiz*** (5Q, 2 pt/Q)	Topic Exam**** (30Q, 3 pt/Q)
11-Jan	RRR period					
13-Jan	RRR period					
15-Jan	RRR period					
18-Jan		Holiday– No Class				
20-Jan	1	Renal	LQ 1			
22-Jan	2	Renal	LQ 2			
25-Jan	3	Renal	LQ 3			
27-Jan	4	Renal	LQ 4	PE 1	RQ1 – L#1-3 Jan 27/28	
29-Jan	5	Renal	LQ 5			
1-Feb	6	Renal	LQ 6			
3-Feb	7	Renal	LQ 7	PE 2	RQ2 – L#4-6 Feb 3/4	
5-Feb	8	Immuno	LQ 8			
8-Feb	9	Immuno	LQ 9			
10-Feb	10	Immuno	LQ 10		RQ3-L#6-7 Feb 10/11	
12-Feb		Exam 1				Topic Exam 1 Renal-L#1-7
15-Feb	11	Immuno	LQ 11	PE 3		
17-Feb	12	Immuno	LQ 12		RQ4-L#8-11 Feb 17/18	
19-Feb	13	Immuno	LQ 13			
22-Feb	14	Microbiome	LQ 14	PE 4		

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24-Feb	15	GI	LQ 15		RQ5-L#12-14 Feb 24/25	
26-Feb		Exam 2				Topic Exam 2 Immuno-L#8-14
1-Mar	16	GI	LQ 16			
3-Mar		No Class				
5-Mar	17	GI	LQ 17			
8-Mar	18	GI	LQ 18	PE 5		
10-Mar	19	GI	LQ 19		RQ6-L#15-18 Mar 10/11	
12-Mar	20	GI	LQ 20			
15-Mar	21	GI	LQ 21	PE 6		
17-Mar	22	ENDO	LQ 22		RQ7-L#19-21 Mar 17/18	
19-Mar		Exam 3				Topic Exam 3 GI-L#15-21
22-Mar	23	ENDO	LQ 23			
24-Mar	24	ENDO	LQ 24		RQ8-L#22-24 Mar 24/25	
26-Mar	25	ENDO	LQ 25	PE 7		
29-Mar	26	ENDO	LQ 26			
31-Mar	27	ENDO	LQ 27		RQ9-L#24-26 Mar 31/Apr 1	
2-Apr	28	ENDO	LQ 28	PE 8		
5-Apr	29	REPRO	LQ 29			
7-Apr	30	REPRO	LQ 30		RQ10- L#27,28 Apr 7/8	
9-Apr		Exam 4				Topic Exam 4 ENDO-L#22-28
12-Apr	31	REPRO	LQ 31			
14-Apr	32	REPRO	LQ 32	PE 9	RQ11-L#29- 31 Apr 14/15	
16-Apr	33	REPRO	LQ 33			
19-Apr	34	REPRO	LQ 34			
21-Apr	35	REPRO	LQ 35	PE 10		
23-Apr		No Class				
26-Apr		Exam 5				Topic Exam 5 REPRO-L#29-35

Detailed Zoom Information for Scheduled Class Time/Instructor Office Hours and Recitations.**Dr. Parameswaran Scheduled Class Time/Office Hours**

Time: Starting on Jan 20 until Feb 22, 2021 during regularly scheduled class time.
1:50 PM Eastern Time (US and Canada) every week on Mon, Wed, and Fri.

Join Zoom Meeting

<https://msu.zoom.us/j/96946877408>

Meeting ID: 969 4687 7408

Passcode: 724483

One tap mobile

+13126266799,,96946877408# US (Chicago)

+16468769923,,96946877408# US (New York)

Dial by your location

+1 312 626 6799 US (Chicago)

+1 646 876 9923 US (New York)

+1 301 715 8592 US (Washington D.C)

+1 346 248 7799 US (Houston)

+1 669 900 6833 US (San Jose)

+1 253 215 8782 US (Tacoma)

Meeting ID: 969 4687 7408

Find your local number: <https://msu.zoom.us/u/ac2vYgZcRn>

Join by SIP

96946877408@zoomcrc.com

Join by H.323

162.255.37.11 (US West)

162.255.36.11 (US East)

115.114.131.7 (India Mumbai)

115.114.115.7 (India Hyderabad)

213.19.144.110 (Amsterdam Netherlands)

213.244.140.110 (Germany)

103.122.166.55 (Australia)

149.137.40.110 (Singapore)

64.211.144.160 (Brazil)

69.174.57.160 (Canada)

207.226.132.110 (Japan)

Meeting ID: 969 4687 7408

Passcode: 724483

Join by Skype for Business

<https://msu.zoom.us/skype/96946877408>

Dr. Olson Scheduled Class Time/Office Hours

PSL 432**Spring Semester 2021**

Time: Starting on February 24 until April 2, 2021 during regularly scheduled class time.
 1:50 PM Eastern Time (US and Canada) every week on Mon, Wed, and Fri.

Every Wednesday morning 9:30 – 10:30 am throughout the semester.

Join Zoom Meeting

<https://msu.zoom.us/j/97779671924>

Meeting ID: 977 7967 1924

Passcode: 124391

One tap mobile

+13126266799,,97779671924# US (Chicago)

+16468769923,,97779671924# US (New York)

Dial by your location

+1 312 626 6799 US (Chicago)

+1 646 876 9923 US (New York)

+1 301 715 8592 US (Washington D.C)

+1 346 248 7799 US (Houston)

+1 669 900 6833 US (San Jose)

+1 253 215 8782 US (Tacoma)

Meeting ID: 977 7967 1924

Find your local number: <https://msu.zoom.us/u/ackxA6xeHc>

Join by SIP

97779671924@zoomcrc.com

Join by H.323

162.255.37.11 (US West)

162.255.36.11 (US East)

115.114.131.7 (India Mumbai)

115.114.115.7 (India Hyderabad)

213.19.144.110 (Amsterdam Netherlands)

213.244.140.110 (Germany)

103.122.166.55 (Australia)

149.137.40.110 (Singapore)

64.211.144.160 (Brazil)

69.174.57.160 (Canada)

207.226.132.110 (Japan)

Meeting ID: 977 7967 1924

Passcode: 124391

Join by Skype for Business

<https://msu.zoom.us/skype/97779671924>

Dr. Mohr Scheduled Class Time/Office Hours

Time: Starting on April 5 until April 21, 2021 during regularly scheduled class time.
 1:50 PM Eastern Time (US and Canada) every week on Mon, Wed, and Fri.

PSL 432

Spring Semester 2021

Join Zoom Meeting

<https://msu.zoom.us/j/96813591106>

Meeting ID: 968 1359 1106

Passcode: 759725

One tap mobile

+16468769923,,96813591106# US (New York)

+13017158592,,96813591106# US (Washington D.C)

Dial by your location

+1 646 876 9923 US (New York)

+1 301 715 8592 US (Washington D.C)

+1 312 626 6799 US (Chicago)

+1 669 900 6833 US (San Jose)

+1 253 215 8782 US (Tacoma)

+1 346 248 7799 US (Houston)

Meeting ID: 968 1359 1106

Find your local number: <https://msu.zoom.us/u/adEAzJ7lCI>

Join by SIP

96813591106@zoomcrc.com

Join by H.323

162.255.37.11 (US West)

162.255.36.11 (US East)

115.114.131.7 (India Mumbai)

115.114.115.7 (India Hyderabad)

213.19.144.110 (Amsterdam Netherlands)

213.244.140.110 (Germany)

103.122.166.55 (Australia)

149.137.40.110 (Singapore)

64.211.144.160 (Brazil)

69.174.57.160 (Canada)

207.226.132.110 (Japan)

Meeting ID: 968 1359 1106

Passcode: 759725

Join by Skype for Business

<https://msu.zoom.us/skype/96813591106>**Recitation Section 001**

Topic: PSL-432 Recitation 1

Time: 10:20 AM Wednesdays

You must register in advance for EACH meeting:

https://msu.zoom.us/meeting/register/tJwlceGvqD8oGtDJBDFa49IK_l2vHvZpLkq

After registering, you will receive a confirmation email containing information about joining the meeting.

Recitation Section 002

Topic: PSL-432 Recitation 2

Time: 11:30 AM Wednesdays

You must register in advance for EACH meeting:

<https://msu.zoom.us/meeting/register/tJcsduCspzlvG9xqpwP8LNqHQL2XgmBHcxsb>

After registering, you will receive a confirmation email containing information about joining the meeting.

Recitation Section 003

Topic: PSL-432 Recitation 3

Time: 3 PM Wednesdays

You must register in advance for EACH meeting:

<https://msu.zoom.us/meeting/register/tJUuceuqrzgvH9cpHvHEyFhNdW-SJHqNdluF>

After registering, you will receive a confirmation email containing information about joining the meeting.

Recitation Section 004

Topic: PSL-432 Recitation 4

Time: 11:30 AM Thursdays

You must register in advance for EACH meeting:

<https://msu.zoom.us/meeting/register/tJ0vf-uvrT4sGtE36JAqzL227kwYMcUXMCgM>

After registering, you will receive a confirmation email containing information about joining the meeting.

Recitation Section 005

Topic: PSL-432 Recitation 5

Time: 12:40 PM Thursdays

You must register in advance for EACH meeting:

<https://msu.zoom.us/meeting/register/tJAqce6grz0jHtHNQE9pvVPuVyLEWq3RScza>

After registering, you will receive a confirmation email containing information about joining the meeting.

Recitation Section 006

Topic: PSL-432 Recitation

Time: 6:30 PM Thursdays

You must register in advance for EACH meeting:

https://msu.zoom.us/meeting/register/tJclfuyspjiosG9QCSaglWJ_FX92TgmcLenNj

After registering, you will receive a confirmation email containing information about joining the meeting.