### Architecture & Urban Planning

**College of Architecture & Urban Planning**

**Architecture (ARCH) Open Sections**

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**Undergraduate Section**

**3G Section**

**442**

**Arch Des IV**

**505**

**Spec Topics Environ**

**506**

**Spec Topics Des Fund**

**507**

**Spec Topics Constr**

**509**

**Experimental Course**

**U of M Open Classes Only Schedule of Classes**

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## Dental Hygiene

### Dental Hygiene-Dentistry

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U of M Open Classes Only Schedule of Classes  Page 5 of 359  WN 2021 2320 03-03-2021 17:03 25266102
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| 754   | Orthognat Surg | P | SEM | 001 | W | 8-10AM | 2310D DENT | 2.00 | 23 | N |

**Orthodontics (ORTHO) Open Sections**

| 754   | Orthognat Surg | P | SEM | 001 | F | 8-10AM | ARR | 2.00 | Kim-Berman, Edwards | 23 | N |
| 754   | Orthognat Surg | P | SEM | 001 | W | 8-10AM | 2310D DENT | 2.00 | 23 | N |
| 760   | Clinical Orthodontics | P | LAB | 001 | 1-5PM | ARR | 1.00-5.00 | Kim-Berman | 4 | N |
| 761   | Ortho Techniques | P | SEM | 001 | M | 8-12PM | 1528 DENT | 1.00-3.00 | McNamara, Kim-Berman, McClatchey | 8 | N |
| 762   | Sem in Orthodontics | P | SEM | 001 | ARR | ARR | 1.00-4.00 | Conley | 30 | N |
| 766   | Research-Thesis | I | IND + | ARR | ARR | 1.00-4.00 | 4 | N |
| 767   | Adv Facial Growth | P | SEM | 001 | ARR | ARR | 1.00-2.00 | 30 | N |
| 768   | Intro Ortho Tech | P | SEM | 001 | ARR | ARR | 1.00 | 30 | N |
| 769   | Ortho Biomechanics | P | SEM | 001 | F | 10-12PM | ARR | 1.00 | Kim-Berman, Ruellas | 11 | N |
| 770   | Occlusal Developmnt | P | SEM | 001 | ARR | ARR | 1.00 | West | 20 | N |
| 771   | Intro Cephalometric | P | SEM | 001 | W | 10-12PM | 1528 DENT | 1.00-2.00 | Kim-Berman | 13 | N |
| 772   | Adv Diagn&Trtment | P | SEM | 001 | W | 10-12PM | 1528 DENT | 1.00-3.00 | Cevidanes | 30 | N |

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<td>Neiva</td>
<td>4</td>
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<tr>
<td>743</td>
<td>Thesis Investigan + Sem Operative Dent</td>
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<tr>
<td>744</td>
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<td>745</td>
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<td>746</td>
<td>Spec Topc Oper Dent</td>
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<td>747</td>
<td>Esthetic Restor Lab</td>
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<td>Dennison</td>
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<tr>
<td>748</td>
<td>Neurophy &amp; Occ</td>
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This course is held concurrent with RESTORA 871 in room 2397.

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<tr>
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<td>Restora Materials</td>
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<td>ADVISORY</td>
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</table>
**Education**

Most School of Education courses are listed under Education. Some additional courses are listed under Education C and D.

Undergraduate students must have attained junior standing completion of at least 54 semester hours or must be School of Education Special Students before they may elect 300 or 400 level courses.

Teacher Certification courses: Enrollment preference will be given to students previously admitted to an approved Teacher Certification program; others may be required to withdraw.

Unless otherwise indicated, class permissions (overrides) are available in the Office of Student Services, Room 1033 SEB, (734-764-7563).

### School Of Education

#### Education C Behavioral Sciences In Education (EDBEHAVR) Open Sections

<table>
<thead>
<tr>
<th>CAT#</th>
<th>Course Title</th>
<th>CR</th>
<th>PREREQ</th>
<th>LAB FEE</th>
<th>OPEN SEATS</th>
<th>WL</th>
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</thead>
<tbody>
<tr>
<td>801</td>
<td>Sem Ed Psy 3.00 ADVISORY</td>
<td>25920 P SEM 001 W 9-12PM REMOTE Rivas-Drake</td>
<td>9</td>
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#### Education D Curriculum and Instruction (EDCURINS) Open Sections

<table>
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</thead>
<tbody>
<tr>
<td>119</td>
<td>Educ Policy Multicul</td>
<td>27435 P REC 001 T 1-4PM REMOTE Santone</td>
<td>18</td>
<td>Y</td>
<td></td>
<td></td>
</tr>
<tr>
<td>212</td>
<td>Hist College Athlet</td>
<td>24802 P DIS 002 M 3-4PM REMOTE Shane</td>
<td>8</td>
<td>Y</td>
<td></td>
<td></td>
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</table>

After the class is full, we will not be taking students off the wait list until the class starts in the winter, based on attendance and lottery. Thus, your place on the wait list has no bearing on your chances of getting in. Students should be certain to show up to first class day or won't be allowed to register/stay in class, or remain on the wait list.

<table>
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<tr>
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<tbody>
<tr>
<td>220</td>
<td>Coaching Today's Soc</td>
<td>32458 P REC 001 MW 130-3PM REMOTE Betts</td>
<td>6</td>
<td>Y</td>
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</tr>
<tr>
<td>250</td>
<td>Global Ed &amp; Devl</td>
<td>32029 P LEC 001 TTH 830-10AM REMOTE Miller</td>
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Meets with EDUC 547-004.

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<tbody>
<tr>
<td>301</td>
<td>Directed Teach Elem</td>
<td>11892</td>
<td>11893 P R LAB 001 MTWTHF 8-5PM ARR Bruder</td>
<td>100.00</td>
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<table>
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<tbody>
<tr>
<td>302</td>
<td>Directed Teach Sec</td>
<td>11893 P R LAB 001 MTWTHF 7-4PM ARR Kingsland</td>
<td>13</td>
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For Secondary Winter ENGLISH students only. Concurrent registration in EDUC 304-001 required. Choose S/U grading option.

<table>
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<tr>
<td>40279</td>
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For Secondary Winter ENGLISH students only. Concurrent registration in EDUC 304 required. Choose S/U grading option.

<table>
<thead>
<tr>
<th>CAT#</th>
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<td>20527</td>
<td>P R LAB 002 MTWTHF 7-4PM ARR Manske</td>
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For Secondary Winter ENGLISH students only. Concurrent registration in EDUC 304-002 required. Choose S/U grading option.

<table>
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<tbody>
<tr>
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<td>P R LAB 005 MTWTHF 7-4PM ARR Learman</td>
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<td>21970</td>
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For Secondary Winter SOCIAL STUDIES students only. Concurrent registration in EDUC 304-006 required. Choose S/U grading option.

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For Secondary Winter WORLD LANGUAGES students enrolled in ESL program. Concurrent registration in EDUC 304 required.
Choose S/U grading option.

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<td>391 Ed Psych-Human Dev</td>
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<td>443</td>
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<td>1.00-2.00</td>
<td>Fortini</td>
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<td>Keren-Kolb</td>
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<td>1.00-2.00</td>
<td>Pasque, Upton</td>
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<td>462</td>
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<td>1.00-3.00</td>
<td>Stanzler</td>
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<td>480</td>
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<td>Credit for Certification Program Field Instruction</td>
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For ES students in LPAC:

- Class will be held Saturdays, 1/30/2021, 3/6/2021, and 4/10/2021 from 10:00 a.m. - 3:00 p.m.
- Specific dates will be identified and there will be a total of 7 class sessions.

For ES MA students in DATL, T&L, and PEIR:

- Meets: Every other Friday, 1:00 - 3:00 PM.
- LeadPol Students, Asynchronous 1-4 credits based on student preference and advisor approval.
Divers, Inclusion, Justice & Equity

Open to MA and PhD students.

### TOPIC: Pursuing DIJE (Diversity, Inclusion, Justice, & Equity)

**30706 P SEM 001 TH 1-4PM** REMOTE Oberman, Humphrey 12 Y

Open to MA and PhD students.

**640 Ind Study Ed Stdy**

<table>
<thead>
<tr>
<th>CR</th>
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<tr>
<td>1.00-6.00</td>
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**651 Directed Teach Elem**

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<tr>
<td>6.00</td>
<td>Klingenhofer</td>
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</table>

For Elmac students only.

**652 Directed Tchg Sec**

- **652 Directed Tchg Sec**
  - **5.00-6.00**
  - **Remote Manske**
  - Secondary MAC English students only. Concurrent registration in EDUC 654-001 required. Choose S/U grading option. This is a "Y" course.

- **5.00-6.00**
  - **Remote Smith**
  - Secondary MAC Math students only. Concurrent registration in EDUC 654-002 required. Choose S/U grading option. This is a "Y" course.

- **5.00-6.00**
  - **Remote Davis**
  - Secondary MAC Science students only. Concurrent registration in EDUC 654-003 required. Choose S/U grading option. This is a "Y" course.

- **5.00-6.00**
  - **Remote Jabulani**
  - Secondary MAC Science students only. Concurrent registration in EDUC 654-004 required. Choose S/U grading option. This is a "Y" course.

- **5.00-6.00**
  - **Remote Ott**
  - Secondary MAC Social Studies students only. Concurrent registration in EDUC 654-005 required. Choose S/U grading option. This is a "Y" course.

- **5.00-6.00**
  - **Remote McDermott**
  - Secondary MAC Social Studies students only. Concurrent registration in EDUC 654-006 required. Choose S/U grading option. This is a "Y" course.

- **5.00-6.00**
  - **Remote Cornish, Coolican**
  - Secondary MAC World Languages students only. Concurrent registration in EDUC 654-007 required. Choose S/U grading option. This is a "Y" course.

- **5.00-6.00**
  - **Remote Manske**
  - Secondary MAC English students enrolled in ESL program. Concurrent registration in EDUC 654-011 required. Choose S/U grading option. This is a "Y" course.

- **5.00-6.00**
  - **Remote McDermott**
  - Secondary MAC Social Studies students enrolled in ESL program. Concurrent registration in EDUC 654-012 required. Choose S/U grading option. This is a "Y" course.

- **1.00**
  - **Remote Klingenhofer**
  - For Elmac students only.
For Elmac students only.

28955 P R SEM 005 W 4-6PM ARR Robertson 12 N

For Elmac students only.

654  Prob-Prin Sec Ed 1.00-1.50
26113 P R SEM 001 TH 530-730PM REMOTE Manske 5 N
Secondary MAC ENGLISH students only. Concurrent registration in EDUC 652-001 required. Choose letter graded option. This is a "Y" course.
26114 P R SEM 002 T 430-630PM REMOTE Smith 1 N
Secondary MAC MATH students only. Concurrent registration in EDUC 652-002 required. Meets with EDUC 304-003.
26115 P R SEM 003 T 430-630PM REMOTE Davis 1 N
Secondary MAC SCIENCE students only. Meets with EDUC 304-004 & EDUC 654-004. Concurrent registration in EDUC 652-003 required. Choose letter graded option. This is a "Y" course.
26116 P R SEM 004 T 430-630PM REMOTE Jabulani 4 N
Secondary MAC SCIENCE students only. Meets with EDUC 304-004 & EDUC 654-003. Concurrent registration in EDUC 652-004 required. Choose letter graded option. This is a "Y" course.
26117 P R SEM 005 T 430-630PM 229 SEB Ott 8 N
Secondary MAC SOCIAL STUDIES students only. Meets with 304-005, 304-006 & 654-006. Concurrent registration in EDUC 652-005 required. Choose letter graded option. This is a "Y" course.
26118 P R SEM 006 T 430-630PM REMOTE McDermott 3 N
Secondary MAC SOCIAL STUDIES students only. Meets with EDUC 304-005, EDUC 304-006 & EDUC 654-005. Concurrent registration in EDUC 652-006 required. Choose letter graded option. This is a "Y" course.
26119 P R SEM 007 T 4-6PM 2310 SEB Cornish, Coolican 5 N
Secondary MAC WORLD LANGUAGES students only. Concurrent registration in EDUC 652-007 required. Choose letter graded option. This is a "Y" course.
29578 P R SEM 011 TH 530-730PM ARR Manske 2 N
Secondary MAC ENGLISH students enrolled in ESL program. Concurrent registration in EDUC 652-011 required. Choose letter graded option. This is a "Y" course.
31175 P R SEM 012 T 430-630PM REMOTE McDermott 3 N
Secondary MAC SOCIAL STUDIES students enrolled in ESL program. Concurrent registration in EDUC 652-012 required.
31176 P R SEM 013 T 4-6PM REMOTE Coolican, Cornish 1 N
Secondary MAC WORLD LANGUAGES students enrolled in ESL program. Concurrent registration in EDUC 652-013 required.
33549 P R SEM 014 T 4-6PM REMOTE Coolican, Hoops 4 N
Secondary MAC WORLD LANGUAGES students enrolled in ESL program. Concurrent registration in EDUC 652 required. Choose letter graded option. This is a "Y" course.

655  Dir Resear Ed Study 1.00-6.00 ADVISORY
1 IND + 1 ARR ARR 49 N
Credit for Certification Program Portfolio

659  MA Res Pract in HE 1.50 ADVISORY
1 IND + 1 ARR ARR 25 N

665  Foundatn Stu Aff Edu 3.00 ADVISORY
34842 P DIS 001 TH 4-7PM REMOTE Perez 2 N
Prereq: graduate standing

706  Sem Literacy Res 3.00
36026 P SEM 001 M 1-4PM REMOTE Duke 20 Y
Topic: Influencing Education Policy: Early Literacy as a Case

712  Causal Infer Ed K-12 3.00 ADVISORY
34395 P SEM 001 MW 1-220PM REMOTE Weiland 11 Y

715  Spec Topic Ed&Psych 1.00-3.00 ADVISORY
40276 P SEM 001 TH 12-3PM REMOTE Rivas-Drake 13 Y
Social Emotional Lrng for Eqty
This course will review different ways Social and Emotional Learning [SEL] has been conceptualized and operationalized as well as newly emerging ways to conceptualize, study, and put into practice approaches to SEL that "meet youth where they are" in terms of their social identities and in terms of addressing issues that are important to students and salient to their communities. We will read handbook chapters, journal articles, and white papers; assignments will provide opportunities to integrate research and practice and could include a short grant proposal, an Op-Ed, the development of a lesson plan, and/or a white paper.

721  Hum Dev&Schooling 3.00 ADVISORY, ENFORCED
22036 P R SEM 001 M 1-4PM REMOTE Matthews 7 N
Crosslisted with Psych 723-001.

732  Critical Race Method 3.00
30465 P SEM 001 W 1-4PM REMOTE Wilson 13 Y
Prereq: Students are required to have taken an introductory, graduate level course in qualitative methodology/methods.

737  Topics Educ Studies 1.00-3.00 ADVISORY
36467 P SEM 001 TH 1-4PM REMOTE Ronfeldt 13 N
Increasing Teacher Diversity
This new seminar for graduate (PhD and MA) students will focus on a growing body of research from a wide range of disciplinary, methodological, and identity perspectives on the benefits of teacher racial and ethnic diversity and how we might increase the representation of teachers of color.
30477 P SEM 002 M 12-3PM REMOTE Moss, Hammond, Gholson 13 N
Racial Justice Knowledge Base
Prereq: EDUC 792 or prior research experience required.
35432 P R SEM 003 T 1-4PM REMOTE Goldin 18 N
Sys Trauma-Infrmd Pract
Systemically Trauma-Informed Practice
Open to SOE MA and PhD students. Graduate students outside of SOE should check back after Dec. 1 to see if there are additional seats open.

**33619 P  SEM 004 T 9-12PM REMOTE Rosario-Ramos**
Education for LatinX

**34648 P  SEM 005 M 11-12PM REMOTE Calabrese Barton**
Designing for Liberatory STEM

This new seminar for graduate (PhD and MA) students will focus on exploring from different conceptual and epistemological perspectives what liberatory education means to youth across educational contexts (using STEM as a focus). Using the frameworks and tools of youth participatory action research will also explore what it means to design for liberatory education collaboratively with youth.

**33619 P  SEM 004 T 9-12PM REMOTE Rosario-Ramos**

**34648 P  SEM 005 M 11-12PM REMOTE Calabrese Barton**

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# Engineering

NOTE: THE PHRASES 'OR EQUIVALENT,' 'PERMISSION OF INSTRUCTOR,' OR 'PERMISSION OF DEPARTMENT' MAY BE CONSIDERED AN IMPLICIT PART OF THE PREREQUISITE FOR ALL COURSES IN THE COLLEGE OF ENGINEERING.

## Aerospace Engineering

### Aerospace Engineering (AEROSP) Open Sections

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It is CRITICAL that students attend class from the beginning. Each laboratory session provides hands-on instruction and requires reserved time on a particular imaging system, making attendance for each class mandatory. If traveling during the winter break, plan ahead and allow sufficient time in order to be present at the start of the Winter Term.

**Mechanobiology**

Description: This is a graduate-level elective course (SUGS, MS, and PhD students) that will introduce students to the topic of mechanobiology. The importance of mechanical forces in tissue development and remodeling has been recognized for well over a century. The course will mainly focus on the cellular and sub-cellular lengths scales, with a particular emphasis on mechanical forces transduced via the extracellular matrix through focal adhesions. Class meetings will include a few didactic lectures, but mostly feature interactive in-class discussions based on papers from the primary scientific literature.
Climate and Space Sciences Engineering

Climate and Meteorology (CLIMATE) Open Sections

102 Extreme Weather 3.00
18555 P LEC 001 MWF 10-11AM REMOTE Samson 1 Y

105 Changing Atmos 3.00
20898 PI LEC 001 TTH 10-1130AM REMOTE Planner 15 Y

172 Climate & Sustain 4.00
11934 P LAB 002 T 9-11AM REMOTE Arnaboldi, Halperin 2 Y

280 Ugrad Res Experience 1.00-4.00
18673 PI LAB 001 ARR ARR Gilchrist, Slavin 45 N
18674 PI LAB 002 ARR ARR Gregerman 45 N

321 Earth System Dynam 3.00
18557 P LEC 001 TTH 12-130PM 1060 FMCRB Li 30 N
35794 P LEC 801 TTH 12-130PM REMOTE Li 12 N

323 Earth Sys Analysis 4.00
18989 P LEC 001 MWF 1030-1230PM REMOTE Payne 1 N

350 Atm Thermo 3.00 ENFORCED
19741 P R LEC 001 TTH 10-12PM REMOTE Huang 3 N

381 Ugrad Res Exper II 1.00-4.00 ENFORCED
19047 P R LAB 001 ARR ARR Slavin, Gilchrist 25 N
23084 P R LAB 002 ARR ARR Rudie 25 N

405 Special Topics 3.00-4.00
27398 P LEC 004 MWF 130-230PM REMOTE Ruf 5 N

Remote Sensing
An introduction to the use of electromagnetic remote sensing to study planetary atmospheres and surfaces from space. The course covers three aspects of remote sensing: 1) interactions between geophysical properties of interest and electromagnetic scattering and emission; 2) design of orbiting sensors; and 3) interpretation of measurements to estimate geophysical properties.

414 Weather Systems 3.00 ADVISORY
19379 P LEC 001 MWF 1230-130PM REMOTE Marsik 1 N

423 Data Analysis 4.00 ADVISORY, ENFORCED
33230 P R LEC 001 MW 3-5PM REMOTE Liemohn 54 N

431 Wireless Link 4.00 ENFORCED
18283 P R LAB 011 F 12-1PM REMOTE Scarborough 9 Y
36431 P R LAB 911 F 12-1PM REMOTE Scarborough 8 Y
18282 A R LEC 001 TTH 1030-12PM REMOTE Budhu 25 N
36429 A R LEC 901 TTH 1030-12PM REMOTE Budhu 23 N

463 Air Pollution Meteor 3.00 ADVISORY
33277 P LEC 001 ARR REMOTE Samson 8 N

474 Ice and Climate 3.00 ADVISORY
33278 P LEC 001 TTH 12-130PM 1610 JOE Steiner 25 N
35802 P LEC 801 TTH 12-130PM REMOTE Bassis (he/him/his) 9 N

479 Atmos Chemistry 3.00 ADVISORY
33279 P LEC 001 TTH 130-3PM REMOTE Kort 25 N

480 Climate Change 3.00 ADVISORY
23151 P LEC 001 TTH 10-1130AM REMOTE Rood 25 N

499 Directed Study 3.00-4.00
1.00-16.00
501 Climate,Atmos&Sp Sci
IND + ARR 25 N

502 Climate and Meteorology (CLIMATE) Open Sections

565 Planet Sci 4.00 ADVISORY
25656 P LEC 001 MW 930-1130AM REMOTE Atreya 8 N

587 M-Waves Rem Sens 3.00 ADVISORY
40056 P LEC 001 TTH 2-330PM REMOTE Ulaby 13 Y

592 Climate Practicum II 4.00 ADVISORY
22042 P LEC 001 MW 3-5PM REMOTE Rood 3 N
40471 P LEC 002 F 5PM-7PM REMOTE Bassis (he/him/his), Rood 23 N

690 Thesis/M.S. 2.00-6.00 ENFORCED
IND + ARR 25 N

701 Special Problems 1.00-16.00
IND + ARR 24 N

749 ClaSP Seminar
11938 P SEM 001 TH 330-5PM REMOTE Ruf, Toth 15 N

990 Diss-Precand 1.00-8.00 ADVISORY
IND + ARR 30 N

995 Diss-Cand 8.00 ENFORCED
IND + ARR 30 N

Space Science and Engineering (SPACE) Open Sections

101 Rocket Science 3.00
20533 P R LEC 001 TTH 1130-1PM REMOTE Gilbert 151 Y

103 Intro Space Weather 3.00
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Mass Transfer in Polymers

The objective of this course is to provide students with an introduction and state of the art overview of mass transport in dense polymeric materials. The solution-diffusion transport mechanism will be studied in considerable detail. Sorption, diffusion, and permeation of small solutes in polymers will be considered from experimental and theoretical viewpoints. The course will cover the effect of polymer backbone chemical structure and the impact of polymer suprastructure (crystallinity, liquid crystallinity, uniaxial and biaxial orientation) on sorption, diffusion, and permeation properties. The fundamental scientific principles involved in sorption, diffusion, and permeation of small molecules in polymers will be related to applications such as membranes for liquid, gas, and vapor separations; fuel cells and batteries; controlled drug delivery devices; barrier plastics for food and specialty packaging; and monomer and solvent removal from formed polymers.

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CEE 481 lecture should be taken by undergraduate students with no intention of counting this class towards a graduate program. No graduate credit will be granted for CEE 481.

CEE 581 - both lecture and lab - should be taken by students intending to use the class for graduate credit, including SUGS students.

### U of M Open Classes Only Schedule of Classes

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## CoE Robotics Institute

### Robotics (ROB) Open Sections

#### Robotics Mechanisms

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#### Robot Kinemat Dynam

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### Mobile Robotics

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Section 881 is for special permission/circumstance only. Regular students should register for section 001 ONLY.

Check out last winter term's course website

http://robots.engin.umich.edu/mobilerobotics/

Advised Prerequisites:

1. One of these courses - AEROSP 550; EECS 442, 445, 453, 454, 504, 542, 545, 551, 556 (CEE 571), 564, 567; IOE 511 (Math 562), 560 (Stats 550) (TO 603), 611 (Math 663); MECHENG 564, 567 (ROB 510) (MFG 552), ROB 501, 550 are strongly recommended; NAVARCH 500, 565 (ROB 535)

2. MATLAB

### Robotic Sys Lab

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Enrollment in this course is by department consent. To request an override add name to the ROB 550 Waitlist form:

https://forms.gle/3n8Xh8zSfVim6MoR9

### Directed Study

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Ethics for AI and Robotics

Bioinspiration

Nature is full of biological organisms that are specialized for specific tasks. By examining the process by which natural selection shapes biological forms, we can learn from nature to inspire technological design. This course will explore biological strategies for swimming, flying, terrestrial locomotion, adhesion, sensing, and construction. This will be an interdisciplinary endeavor with team-based robotic design projects.

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Bioinspiration

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Bioinspiration
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### Design Science Program

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### Design Science Sem

Class will meet in SI-North on North Campus; 3rd floor conference room; Room 3244
### EER-Engineering Education Research

#### Engineering Education Research (EER) Open Sections

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Current Issues in EER

1 CREDITS for Lec 001. Prerequisites for LEC 001: None

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Current Issues in EER

1 CREDITS for Lec 001. Prerequisites for LEC 001: None

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**U of M Open Classes Only Schedule of Classes**

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WN 2021 2320 03-03-2021 17:03 25266102
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Electrical Engr & Computer Sci

Electrical Engineering And Computer Science (EECS) Open Sections

For any EECS course, the EECS department may give away a student’s seat in a class if the student does not attend the first week of lectures and labs/discussions. In addition, it is up to the discretion of the course instructor to determine whether or not to allow a student to enroll in an EECS course after the first week of classes.

Note that the EECS department may withdraw you from the class, but the department is not obligated to withdraw students from the course even if a student has been informed that his/her seat is no longer available. Students are responsible for the accuracy of their own schedules.

4.00

Labs are conducted remotely as a synchronous Zoom call. This synchronous lab gives you the opportunity to work with your lab instructor in real time. Your lab instructor will preview the weekly lab, and then students will work in assigned lab teams on the weekly lab assignment. ATTENDANCE IS REQUIRED IN YOUR ENROLLED LAB SECTION.

183 Elem Prog Concepts

15647 P LAB 011 TH 8-10AM REMOTE Hedrick 1 Y
Labs are conducted remotely as a synchronous Zoom call. This synchronous lab gives you the opportunity to work with your lab instructor in real time. Your lab instructor will preview the weekly lab, and then students will work in assigned lab teams on the weekly lab assignment. ATTENDANCE IS REQUIRED IN YOUR ENROLLED LAB SECTION.

21739 P LAB 016 TH 2-4PM REMOTE Sanchez 1 Y
This section (018) is reserved for CSP students during the early registration period. Any undergraduate student may join the waitlist once the section is closed. Given the enrollment restrictions, most sections may not close until early August. On 12/31/2020 any remaining available seats will be released for any undergraduates who wish to register. Waitlisted students should attend the first class meeting for override consideration. Labs are conducted remotely as a synchronous Zoom call. This synchronous lab gives you the opportunity to work with your lab instructor in real time. Your lab instructor will preview the weekly lab, and then students will work in assigned lab teams on the weekly lab assignment. ATTENDANCE IS REQUIRED IN YOUR ENROLLED LAB SECTION.

22260 P R LAB 018 TH 5-7PM REMOTE Schatz, Tabassum 1 Y
Labs are conducted remotely as a synchronous Zoom call. This synchronous lab gives you the opportunity to work with your lab instructor in real time. Your lab instructor will preview the weekly lab, and then students will work in assigned lab teams on the weekly lab assignment. ATTENDANCE IS REQUIRED IN YOUR ENROLLED LAB SECTION.

22263 P LAB 019 TH 11-1PM REMOTE Askar 1 Y
Labs are conducted remotely as a synchronous Zoom call. This synchronous lab gives you the opportunity to work with your lab instructor in real time. Your lab instructor will preview the weekly lab, and then students will work in assigned lab teams on the weekly lab assignment. ATTENDANCE IS REQUIRED IN YOUR ENROLLED LAB SECTION.

24212 P LAB 023 F 8-10AM REMOTE Kolisetty 5 Y
Labs are conducted remotely as a synchronous Zoom call. This synchronous lab gives you the opportunity to work with your lab instructor in real time. Your lab instructor will preview the weekly lab, and then students will work in assigned lab teams on the weekly lab assignment. ATTENDANCE IS REQUIRED IN YOUR ENROLLED LAB SECTION.

24216 P LAB 026 F 12-2PM REMOTE Murali 1 Y
Labs are conducted remotely as a synchronous Zoom call. This synchronous lab gives you the opportunity to work with your lab instructor in real time. Your lab instructor will preview the weekly lab, and then students will work in assigned lab teams on the weekly lab assignment. ATTENDANCE IS REQUIRED IN YOUR ENROLLED LAB SECTION.

24217 P LAB 027 F 12-2PM REMOTE Pattanaik 3 Y
LAB 028: Less comfortable with computing. Labs are conducted remotely as a synchronous Zoom call. This synchronous lab gives you the opportunity to work with your lab instructor in real time. Your lab instructor will preview the weekly lab, and then students will work in assigned lab teams on the weekly lab assignment. ATTENDANCE IS REQUIRED IN YOUR ENROLLED LAB SECTION.

26212 P R LAB 032 F 1-3PM REMOTE Schatz, Makki 11 Y
Labs are conducted remotely as a synchronous Zoom call. This synchronous lab gives you the opportunity to work with your lab instructor in real time. Your lab instructor will preview the weekly lab, and then students will work in assigned lab teams on the weekly lab assignment. ATTENDANCE IS REQUIRED IN YOUR ENROLLED LAB SECTION.
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STUDENTS MUST ELECT LAB AND LECTURE SECTIONS. Lectures are conducted remotely and are asynchronous. Students submit lecture worksheets to earn credit for completing the lecture. Lecture worksheets are due on Mondays and Wednesdays.

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STUDENTS MUST ELECT DISCUSSION AND LECTURE SECTIONS.

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STUDENTS MUST ELECT DISCUSSION, LAB AND LECTURE SECTIONS.

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**LAB: Students are auto-enrolled in lecture and discussion when they elect a lab.**

**Sections:**
- **250 Elec Sens Sys**
  - CR: 3.00
  - ADVISORY
  - Students are auto-enrolled in lecture when they elect a lab.

**Sections:**
- **270 Intro Logic Design**
  - CR: 4.00
  - ENFORCED
  - Students must elect lab and lecture sections.

**Sections:**
- **280 Prog&Data Struct**
  - CR: 4.00
  - ADVISORY
  - ENFORCED
  - Attendance at your registered lab is required.
ATTENDANCE AT YOUR REGISTERED LAB IS REQUIRED.

STUDENTS MUST ELECT LAB AND LECTURE SECTIONS. LEC 001 will be synchronous (real time lectures).
12028 S R LEC 001 MW 12-1:30PM REMOTE Najafi

STUDENTS MUST ELECT LAB AND LECTURE SECTIONS. LEC 002 will be synchronous (real time lectures).
23489 S R LEC 002 TTH 9-10:30AM REMOTE Darden, Noble, Garcia-Ramirez, Paolelli, Hill, Jecmen

STUDENTS MUST ELECT LAB AND LECTURE SECTIONS. LEC 003 will be synchronous (recorded lectures).
23489 S R LEC 003 TTH 9-10:30AM REMOTE Darden, Noble, Garcia-Ramirez, Paolelli, Hill, Jecmen

STUDENTS MUST ELECT LAB AND LECTURE SECTIONS. LEC 004 will be asynchronous (recorded lectures).
34093 S R LEC 004 TTH 4:30-6PM REMOTE Noble, Darden, Garcia-Ramirez, Paolelli, Jecmen, Hill

STUDENTS MUST ELECT LAB AND LECTURE SECTIONS. LEC 005 will be asynchronous (recorded lectures).
34093 S R LEC 005 TTH 4:30-6PM REMOTE Noble, Darden, Garcia-Ramirez, Paolelli, Jecmen, Hill

STUDENTS MUST ELECT LAB AND LECTURE SECTIONS. LEC 006 will be asynchronous (recorded lectures).
34093 S R LEC 006 TTH 4:30-6PM REMOTE Noble, Darden, Garcia-Ramirez, Paolelli, Jecmen, Hill

STUDENTS MUST ELECT LAB AND LECTURE SECTIONS. LEC 007 will be synchronous (real time lectures).
20815 S R LEC 007 TTH 10:30-12PM REMOTE Darden, Noble, Paolelli, Garcia-Ramirez, Hill, Jecmen

STUDENTS MUST ELECT LAB AND LECTURE SECTIONS. LEC 008 will be synchronous (real time lectures).
20815 S R LEC 008 TTH 10:30-12PM REMOTE Darden, Noble, Paolelli, Garcia-Ramirez, Hill, Jecmen

STUDENTS MUST ELECT LAB AND LECTURE SECTIONS. LEC 009 will be synchronous (recorded lectures).
20815 S R LEC 009 TTH 10:30-12PM REMOTE Darden, Noble, Paolelli, Garcia-Ramirez, Hill, Jecmen

STUDENTS MUST ELECT LAB AND LECTURE SECTIONS. LEC 010 will be synchronous (recorded lectures).
20815 S R LEC 010 TTH 10:30-12PM REMOTE Darden, Noble, Paolelli, Garcia-Ramirez, Hill, Jecmen

STUDENTS MUST ELECT LAB AND LECTURE SECTIONS. LEC 011 will be synchronous (recorded lectures).
20815 S R LEC 011 TTH 10:30-12PM REMOTE Darden, Noble, Paolelli, Garcia-Ramirez, Hill, Jecmen
STUDENTS ARE AUTO-ENROLLED IN LECTURE 001 WHEN THEY ELECT A DISCUSSION 011.

17775 A R LEC 001 TTH 1030-12PM REMOTE Peterson

331 Intro to Ants

27973 P R LAB 011 W 6-9PM REMOTE Zaky
27778 P R LAB 012 T 6-9PM REMOTE Zaky

STUDENTS ARE AUTO-ENROLLED IN LECTURE WHEN THEY ELECT A LAB.

27777 A R LEC 001 MW 9-1030AM REMOTE Willingale

351 Intro Dig Sig Proc

12017 A R LEC 003 TTH 130-3PM REMOTE Mars, Dreslinski Jr, Das, Satam, Haye, Xie

STUDENTS MUST ELECT DISCUSSION AND LECTURE SECTIONS.

28851 S R LEC 001 TTH 1030-12PM REMOTE Dreslinski Jr, Satam, Mars, Das, Haye, Xie

STUDENTS MUST ELECT DISCUSSION AND LECTURE SECTIONS.

23954 S R LEC 002 TTH 12-130PM REMOTE Brehob, Gajda, Sbeih, Hao, Gutmann

STUDENTS MUST ELECT DISCUSSION AND LECTURE SECTIONS.

12018 S R LEC 004 TTH 3-430PM REMOTE Satam, Das, Dreslinski Jr, Mars, Xie, Haye

STUDENTS MUST ELECT DISCUSSION AND LECTURE SECTIONS.

25169 S R LEC 001 MW 12-130PM REMOTE Pettie, Sbeih, Gajda, Hao, Gutmann

STUDENTS MUST ELECT DISCUSSION AND LECTURE SECTIONS.

23958 P R LAB 011 TH 11-12AM REMOTE Ginsburg
25244 P R LAB 012 TH 12-1PM REMOTE Song
25245 P R LAB 013 TH 2-3PM REMOTE Hoffman
25243 P R LAB 014 TH 3-4PM REMOTE Bott
37273 P R LAB 015 F 10-11AM REMOTE Hwa, Kim

STUDENTS MUST ELECT DISCUSSION AND LECTURE SECTIONS.

12014 S R DIS 013 T 430-530PM REMOTE Cui
18554 S R DIS 014 T 530-630PM REMOTE Cui

320 Intr Semicon Devices 4.00 ENFORCED

330 Intro to Ants 4.00 ENFORCED

334 Prin of Optics 4.00 ENFORCED

376 Foundatns Comp Sci 4.00 ENFORCED

388 Intro Comp Security 4.00 ADVISORY, ENFORCED

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STUDENTS MUST ELECT LAB AND LECTURE SECTIONS. EECS majors only. Contact the CSE Undergraduate Advising Office with questions.
STUDENTS ARE AUTO-ENROLLED IN LECTURE WHEN THEY ELECT A LAB. 438 lab is schedule in room 1115 ERB 1.

12036 A R LEC 001 TTH 1230-130PM REMOTE Galvanauskas  

440 SysDes Search Engine 4.00 ENFORCED

34114 P R LAB 011 TH 3-4PM REMOTE Hoekwater 4 Y
35213 P R LAB 012 F 1030-1130AM REMOTE Eft 2 Y
39548 P R LAB 013 T 1030-1130AM REMOTE Jalkanen 1 Y

STUDENTS ARE AUTO-ENROLLED IN LECTURE WHEN THEY ELECT A LAB. EECS majors only. Contact the CSE Undergraduate Advising Office with questions.

34113 A R LEC 001 MW 3-430PM REMOTE Hamilton  

441 Mbl App Dev Entrprnr 4.00 ENFORCED

27779 P R DIS 031 F 10-11AM REMOTE Brengman, Wu, Eilmgren 17 Y
26341 P R DIS 041 F 11-12PM REMOTE Brengman, Wu, Eilmgren 27 Y

STUDENTS ARE AUTO-ENROLLED IN LECTURE 001 WHEN THEY ELECT A DISCUSSION 011. Only CS-Eng and CS-LSA UGs are able to enroll in this course, or wait list, if the course is full.

22206 A R LEC 001 MW 3-430PM REMOTE Soloway  

442 Computer Vision 4.00 ENFORCED

23960 P R DIS 011 W 5-6PM REMOTE Liang 3 Y
29523 P R DIS 012 M 1230-130PM REMOTE Buragohain 11 Y
33344 P R DIS 013 M 5-6PM REMOTE Shah 10 Y
33346 P R DIS 014 W 5-6PM REMOTE Syed 7 Y

STUDENTS MUST ELECT DISCUSSION AND LECTURE SECTIONS. Graduate student can request an override at CSE Override System at https://deptapps.engin.umich.edu/cse/override. Instructor will approve a few overrides.

23959 S R LEC 001 TTH 1030-12PM REMOTE Johnson  

443 Senior ThesisL IR IND + ARR ARR 3.00 ADVISORY, ENFORCED

28359 S R LEC 001 MW 10-1130AM REMOTE Kutty, Wiens 24 N

452 DSP Design Lab 4.00 ENFORCED

12042 P R LAB 011 W 9-12PM 4341 EECS 4341 EECS Kucher 8 Y
17917 P R LAB 012 T 9-12PM 4341 EECS 4341 EECS Kucher 3 Y
35318 P R LAB 014 T 930-1230PM 4341 EECS 4341 EECS Nair 5 Y
36390 P R LAB 011 W 9-12PM 4341 EECS 4341 EECS Kucher 8 Y

STUDENTS MUST ELECT DISCUSSION AND LECTURE SECTIONS. EECS undergraduate majors only. Contact the CSE Undergraduate Advising Office with questions.

34117 S R LEC 003 MW 130-3PM REMOTE Wiens, Kutty  

445 Intro Machine Learn
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STUDENTS MUST ELECT LAB AND LECTURE SECTIONS. EECS majors only. Contact the CSE Undergraduate Advising Office with questions.

STUDENTS MUST ELECT LAB AND LECTURE SECTIONS. LEC 001 will be asynchronous (recorded lectures). EECS majors only. Contact the CSE Undergraduate Advising Office with questions.

STUDENTS MUST ELECT LAB AND LECTURE SECTIONS. LEC 002 will be synchronous (real time lectures). EECS majors only. Contact the CSE Undergraduate Advising Office with questions.

STUDENTS MUST ELECT DISCUSSION AND LECTURE SECTIONS. LEC 001 will be asynchronous (recorded lectures). EECS majors only. Contact the CSE Undergraduate Advising Office with questions.

STUDENTS MUST ELECT DISCUSSION AND LECTURE SECTIONS. LEC 002 will be synchronous (real time lectures). EECS majors only. Contact the CSE Undergraduate Advising Office with questions.

STUDENTS MUST ELECT LAB AND LECTURE SECTIONS. LEC 001 will be synchronous (recorded lectures). EECS majors only. Contact the CSE Undergraduate Advising Office with questions.

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STUDENTS MUST ELECT DISCUSSION AND LECTURE SECTIONS. EECS majors only. Contact the CSE Undergraduate Advising Office with questions.

| 490   | Prog Lang                     | 4.00   | ENFORCED |                     |          |    |

492 Intro Art Intell

| 12052 | A R LEC 001 TTH 1030-12PM REMOTE | Omar, Pan | 2021 | 25266102 |

STUDENTS ARE AUTO-ENROLLED IN LECTURE WHEN THEY ELECT A DISCUSSION. EECS majors only. Contact the CSE Undergraduate Advising Office with questions.

| 493   | User Interface Dev            | 4.00   | ENFORCED |                     |          |    |

496 Major Design/Prof

| 28121 | P R LEC 001 M 1-4PM REMOTE    | Ramyar  | 2021 | 25266102 |

Power Elec Labs and Proj

| 35360 | P LEC 006 MW 430-6PM REMOTE   | Avestruz | 2021 | 25266102 |

Power Electronics Lectures

| 35390 | P LAB 071 M 1-4PM REMOTE      | Ramyar  | 2021 | 25266102 |

Power Elec Labs and Proj

| 36558 | P LAB 081 F 10-12PM REMOTE    | Xu       | 2021 | 25266102 |

Software Defined Radio

| 36559 | P LAB 082 F 2-4PM REMOTE      | Xu       | 2021 | 25266102 |

Software Defined Radio

U of M Open Classes Only Schedule of Classes  Page 45 of 359 WN 2021 2320 03-03-2021 17:03 25266102
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Software Defined Radio

*Credit Hours for Lec 8 and Lab 81 or 82.* Prerequisites for Lec 8: EECS 216 or permission of instructor

Image Processing

*Credit Hours for Lec 003*; Prerequisites for Lec 003: EECS 351 (required) and EECS 301 (recommended)

499 Adv Directed Study
- R IND + ARR ARR 1.00-4.00 ADVISORY, ENFORCED
  - 501 P R DIS 011 F 130-3PM REMOTE Long 22 Y
  - 19421 P R DIS 012 F 1030-12PM REMOTE Atif 8 Y
  - 36367 P R DIS 911 F 130-3PM REMOTE Long 12 Y
  - 36389 P R DIS 912 F 1030-12PM REMOTE Atif 22 Y
  - 40488 P R DIS 113 TH 130-3PM REMOTE Atif 2 Y

STUDENTS ARE AUTO-ENROLLED IN LECTURE WHEN THEY ELECT A DISCUSSION.
- 19420 A R LEC 001 MW 130-3PM 2505 GGBL Pradhan
- 36366 A R LEC 901 MW 130-3PM 2505 GGBL Pradhan
- 200 Stoch Processes
  - 24869 P LEC 001 TTH 12-130PM REMOTE Subramanian 24 Y
  - 31268 P LEC 001 TTH 12-130PM REMOTE Tsang 34 Y
  - 31783 P LEC 001 TTH 130-3PM REMOTE Koch, Gupta 4 Y

501 P R DIS 011 F 130-3PM REMOTE Dick 18 Y

514 Advanced MEMS
- 33362 P LEC 001 MW 3-5PM REMOTE Gianchandani 15 Y

518 Magnetoosphere
- 36220 P LEC 001 TTH 10-1130AM REMOTE Zou 33 N

519 Plasma Lab
- 12057 P LAB 002 T 1-4PM ARR McBride, Yang 1 Y

522 Analog Integr Ckts
- 23963 P DIS 011 F 9-10AM REMOTE Abdelatty 11 Y

STUDENTS ARE AUTO-ENROLLED IN LECTURE WHEN THEY ELECT A DISCUSSION.
- 23962 A LEC 001 MW 12-130PM REMOTE Wentzloff

524 Org Elec Devices
- 34044 P R LEC 001 MW 1030-12PM REMOTE Forrest 20 Y

525 Adv Sol St Mw Cir
- 24868 P LEC 001 MW 3-430PM REMOTE Mortazawi 14 Y

526 Plasmaonics
- 33363 P LEC 001 MW 12-130PM REMOTE Lee 3 Y

528 M-Elec Proc Tech
- 12059 P LEC 001 TTH 930-11AM REMOTE Kanicki 12 Y

531 Antenna Thry&Des
- 33365 P LEC 001 TTH 1030-12PM REMOTE Gribic 9 Y

532 M-Waves Rem Sens
- 40042 P LEC 001 TTH 2-330PM REMOTE Ulaby 13 Y

533 Micro Meas Lab
- 35793 S LEC 901 M 130-3PM REMOTE Sarabandi 3 Y

534 Distribution Systems
- 33370 P R LEC 001 TTH 9-1030AM REMOTE Hiskens 6 Y

539 Lasers
- 19759 P LEC 001 MW 1030-12PM REMOTE Galvanaskas 7 Y

541 App Cnt Mch II
- 33371 P LEC 001 TTH 830-10AM REMOTE Kira 2 Y

545 Machine Learn
- 31273 P LEC 001 MW 430-6PM REMOTE Lee, Liu, Choi, Guo 71 Y

555 Image Processing
- 33364 P LEC 001 TTH 9-1030AM REMOTE Fessler, Whitaker 141 Y

557 Communication Netwk
- 17772 P LEC 001 MW 12-130PM REMOTE Ying 18 Y

559 Optim In Sig Pro ML
- 36107 P LEC 001 MW 1030-12PM REMOTE Qu, Zhu 53 Y

560 Linear Systems Thry
- 22782 P DIS 011 TH 530-630PM REMOTE Liu 47 Y

STUDENTS ARE AUTO-ENROLLED IN LECTURE WHEN THEY ELECT A DISCUSSION.
- 22781 A LEC 001 MWF 930-1030AM REMOTE Ozay 17 Y

561 Des Dig Cont Sys
- 19374 P LEC 001 TH 3-430PM REMOTE Vasudevan 17 Y

562 NI Sys Con
- 12060 P LEC 001 TH 330-5PM REMOTE Meerkov, Khan 42 Y

565 Lin Feedback Control
- 12061 P LEC 001 TH 1030-12PM REMOTE Seiler 19 Y

To request an override, a waitlisted student must submit a request to the ECE Override System at https://deptapps.engin.umich.edu/ece/override.
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"3 CREDITS for Sec 012", Prerequisites for LEC 012: Graduate standing in EECS or Robotics, or permission of instructor.

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### Engineering Undergraduate Education

#### Engineering (ENGR) Open Sections

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**Students electing DIS (402-408) will be auto-enrolled in LEC 400 and the corresponding lab. Ex. elect DIS 402, auto-enrolled in lab 401.**

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**Self Driving Cars & Drones**

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**Students electing DIS (352-356) will be auto-enrolled in LEC 350 and the corresponding lab. Ex. elect DIS 352, auto-enrolled in Lab 351.**

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**Engr Biological Systems**

**Students electing DIS (352-356) will be auto-enrolled in LEC 350 and the corresponding lab. Ex. elect DIS 352, auto-enrolled in Lab 351.**

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**Solar Energy & Wireless Systems**

**Students electing DIS (422-428) will be auto-enrolled in LEC 420 and the corresponding lab. Ex. elect DIS 422, auto-enrolled in Lab 421.**

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**Engr Manufacturing and Society**

**Students electing DIS (562-564) will be auto-enrolled in LEC 560 and the corresponding lab. Ex. elect DIS 562, auto-enrolled in Lab 561.**

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**MATLAB Applications Engineers**

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**Outreach Internship**

**Winter Outreach Internship**

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**U of M Open Classes Only Schedule of Classes**

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### 456 Mentr-Ldr Mltdis Des 2.00
- **24303 PI DIS 231 W 630-830PM REMOTE Hohner**
  - This course meets synchronously; six times over the course of the semester: January 20, January 27, February 3, February 10, March 10, April 7. Mark your calendars now.

### 480 Global Syn Project 4.00 ADVISORY
- **35733 P LEC 004 M 3-5PM 1303 EECS Millunchick**
- **35734 P LEC 005 M 3-5PM 1303 EECS Millunchick**
  - Design Your Engr Future

### 520 Entre Bus Fund Engr 3.00 ADVISORY
- **23965 P LEC 001 MW 9-1030AM 1013 DOW Adriaens**
- **35460 P LEC 002 MW 9-1030AM 1013 DOW Adriaens**
  - **35460 P LEC 002 MW 9-1030AM 1013 DOW Adriaens**

### 590 Internat Eng 2.00-8.00 ADVISORY
- **33001 P LEC 033 ARR ARR Yarger**
  - **WolverineSoft Studio Proj Team**
- **34922 PI LEC 800 ARR ARR Strauss**
  - **A2 Virtual Project**
- **34923 PI LEC 801 ARR ARR Wakefield**
  - **ArtsEngine Project**
- **34924 PI LEC 802 ARR ARR**
  - **BorgWarner Project**
- **34925 PI LEC 803 ARR ARR Van Nieuwstadt**
  - **Backyard Brains Project**
- **34927 PI LEC 804 ARR ARR Hohner**
  - **Cat Digital Project**
- **34928 PI LEC 805 ARR ARR Marino**
  - **Denso Project**
- **34930 PI LEC 806 ARR ARR EPA Project**
- **34932 PI LEC 807 ARR ARR Gronewold**
  - **Honda Project**
- **34933 PI LEC 808 ARR ARR Kruger**
  - **Isuzu Autonomous Truck Project**
- **34934 PI LEC 809 ARR ARR Revzen**
  - **Isuzu Data Integration Project**
- **34936 PI LEC 810 ARR ARR Moore**
  - **JPMorgan Chase Project**
- **34939 PI LEC 811 ARR ARR Hortop**
  - **Learning A-Z Project**
- **34942 PI LEC 812 ARR ARR Renno**
  - **Northrop Grumman Orbit Project**
- **34948 PI LEC 813 ARR ARR Gaskell**
  - **Northrop Grumman Wire Project**
- **35029 PI LEC 814 ARR ARR Hess**
  - **Principal Financial Project**
- **35034 PI LEC 815 ARR ARR Shedden**
  - **ProQuest Knowledge Maps Projec**
- **35037 PI LEC 817 ARR ARR Ku**
  - **Subaru Project**
- **35040 PI LEC 818 ARR ARR Arthur**
  - **Union Pacific HR Project**
- **35047 PI LEC 819 ARR ARR Arthur**

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**U of M Open Classes Only Schedule of Classes**

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This course meets in 3360 GG Brown, for the 2nd half of the semester only (beginning Monday, March 9).
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In this course sponsored by ArtsEngine, students explore the creative process through a structured sequence of exercises in four studio modules: sound, motion, visual images/objects, and verbal/symbolic language. Faculty from Art & Design (Andrew Thompson); Music, Theatre & Dance (Amy Chavasse); Architecture (Gregory Saldana); and Engineering (Jeremy Bond) introduce a variety of creative strategies for generating problem solving ideas through hands-on projects. Weekly colloquia (Stephen Rush), discussions, and readings supplement projects. Grading is based upon attendance, class participation, a journal, four mini-projects, evidence of intellectual and creative process development, and a final culminating project. This course is appropriate for UM undergraduate students at all levels and in all disciplines. It is a fast paced, information-rich educational experience, offering insights that will make creativity and innovation an integral part of life and work.

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**Innovation for Impact: Defense**

In this course, students will develop and apply creative problem-solving strategies to real-world challenges, focusing on national security and defense-related issues. Faculty from various disciplines will lead discussions, workshops, and projects designed to foster innovative solutions to complex problems. Grading will be based on participation, team projects, and a final presentation. This course is open to all students and does not require instructor consent. For more information, contact entrepreneurship@umich.edu.
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# Integrative Systems and Design

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### Making Things: Three Million Years of Materials and Culture

This course explores the connections between the discovery of new materials -- such as ceramics, concrete, precious stones and metals, glass, steel, plastics, and semiconductors -- and social transformations worldwide. To see these connections, the course will fuse basic concepts in materials science and engineering with perspectives and methods from anthropological archaeology.

**3 Million Yrs of Matls & Cltre**

Labs for MSE 365 are held in the Van Vlack Undergraduate Lab, second floor of the H.H. Dow building.

For permission to register, contact Patti Vogel at pvogel@umich.edu.
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Surface and Interfacial Engineering - This course will present and analyze the surfaces of a wide range of biological species, such as lotus leaves, rose petals, water striders, arctic spring tails, sharks, desert beetles, and pitcher plant leaves. We will understand the unique surface functionality associated with each of these biological species by examining the roles of surface composition and surface texture. Subsequently, we will discuss how this fundamental understanding can be used to engineer bio-inspired surfaces of the future for a range of applications such as stain resistant fabrics, micro-robots, anti-fingerprint displays, drag reduction for ships, fog harvesting and ice-shedding.
# Mechanical Engineering (MECHENG) Open Sections

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Projects vary for lab sections. Once classes begin, students will drop/add to the appropriate project-related section. MUST BE DONE BY 3RD WEEK OF TERM!!

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## Naval Architecture And Marine Engineering (NAVARCH) Open Sections

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</table>

Section 881 is for special permission/circumstance only. Regular students should register for section 001 ONLY.

Check out last winter term's course website
http://robots.engin.umich.edu/mobilerobotics/

Advised Prerequisites:
1. One of these courses - AEROSP 550; EEC 442, 445, 453, 467, 501, 502, 504, 542, 545, 551, 560 (CEE 571), 564, 567; IOE 511 (MEE 552), 556, 560 (Stats 550) (TO 603), 611 (Math 663); MEE 556, 567, 570 (ROB 510) (MFG 557), 663, 552 (MFG 552); ROB 501, 550 are strongly recommended; NAVARCH 500, 565 (ROB 535)

2. MATLAB

Section 881 is for special permission/circumstance only. Regular students should register for section 001 ONLY.

Check out last winter term's course website
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Advised Prerequisites:
1. One of these courses - AEROSP 550; EEC 442, 445, 453, 467, 501, 502, 504, 542, 545, 551, 560 (CEE 571), 564, 567; IOE 511 (MEE 552), 556, 560 (Stats 550) (TO 603), 611 (Math 663); MEE 556, 567, 570 (ROB 510) (MFG 557), 663, 552 (MFG 552); ROB 501, 550 are strongly recommended; NAVARCH 500, 565 (ROB 535)

2. MATLAB
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# Nuclear Engineering and Radiological Sciences (NERS) Open Sections

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| 201 | Survey of NERS | 1.00 | Field | 23 | N |
| 211 | Intro to Nucl Eng | 4.00 | Jovanovic | 1 | N |
| 212 | Fund Nucl Eng/Rad Sci | 2.00 | ADVISORY | 10 | N |
| 220 | Fund Nucl Eng/Rad Sci | 2.00 | ADVISORY | 10 | N |
| 225 | Fund Nucl Eng/Rad Sci | 2.00 | ADVISORY | 10 | N |
| 299 | Directed Study NERS | 1.00-3.00 | 25 | N |
| 312 | N E Rad Sci II | 3.00 | ADVISORY, ENFORCED | 21 | N |
| 347 | Nuc Power Reactors | 2.00 | ENFORCED | 33 | N |
| 372 | Fusion React Technol | 3.00 | ADVISORY | 13 | N |
| 392 | NERS Design II | 3.00 | ENFORCED | 23 | N |
| 425 | App of Radiation | 4.00 | ADVISORY | 11 | N |
| 455 | Nuclear Measure Lab | 4.00 | ADVISORY | 25 | N |
| 520 | Rad Mat Sci II | 3.00 | ADVISORY | 7 | N |
| 524 | Nuclear Fuels | 2.00 | ADVISORY | 37 | N |
| 564 | Monte Carlo Meth | 2.00 | ADVISORY | 39 | N |
| 551 | Nucl Reac Kinetics | 3.00 | ADVISORY | 5 | N |
| 561 | Nuc Core Des&Anal I | 3.00 | ADVISORY | 23 | N |
| 572 | Plas-Phys II | 3.00 | ADVISORY | 11 | N |
| 575 | Plasma Lab | 4.00 | ADVISORY | 1 | Y |

The scheduled lab times may be modified slightly to best meet the needs of the students and the GSI; the lab times will be finalized during the first class meeting (lecture).
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<tr>
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Technical Communication

Technical Communication (TCHNCLCM) Open Sections

IN ORDER FOR STUDENTS TO MAINTAIN THEIR PLACE IN CLASS, THEY MUST EITHER ATTEND ONE OF THE FIRST TWO CLASS MEETINGS OR NOTIFY THE DEPARTMENT OF THEIR INTENDED ABSENCE PRIOR TO THE FIRST DAY OF CLASS.

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## Environment and Sustainability

Program in the Environment

### Environment (ENVIRON) Open Sections

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Students who register for EARTH/ENVIRON 118 must also be enrolled in EARTH/ENVIRON 119.

### Intro Geology Lab

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To enroll in the Intro Geology Lab, enroll in any section of EARTH/ENVIRON 118. Students are strongly encouraged to enroll in both EARTH/ENVIRON 119 and 118.

### Earth Chemistry

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### Geol National Parks

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OS/ENVIRON 208 will be held synchronously, although there will be ways to participate in lecture asynchronously via recordings and participation surveys. The discussion sections will require synchronous participation.

### Ecological Issues

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### Enviro, Health, Well-Being

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### FYS Environment

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To enroll in the Intro Earth Science Lab, enroll in any section of EARTH 118. Students are strongly encouraged to enroll in both EARTH 119 and 118.

### Geol National Parks

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**229 Intr Environ Science**
- **CR:** 3.00
- **Days:** TTH
- **Time:** 230-4PM
- **Location:** REMOTE
- **Instructor:** Demers
- **Prereq:** Open to seniors until December 10. Students who register for EARTH 222/ENVIRON 233 must also be enrolled in EARTH 223/ENVIRON 232.

This class is closed to seniors until December 10. Students who register for EARTH 222/ENVIRON 233 must also be enrolled in EARTH 223/ENVIRON 232.

**258 Food & Drink of Asia**
- **CR:** 4.00
- **Days:** Fif
- **Time:** 9-10AM
- **Location:** REMOTE
- **Instructor:** Hsu

Lectures will be made available asynchronously on Tu/Th.

**203 Intro Ocean Lab**
- **CR:** 1.00
- **Days:** T
- **Time:** 4-6PM
- **Location:** REMOTE
- **Instructor:** Soderstrom

This class is closed to seniors until December 10. Students who register for EARTH 222/ENVIRON 233 must also be enrolled in EARTH 223/ENVIRON 232.

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Courses and sections are subject to change. Please consult the U of M Open Classes Only Schedule of Classes for the most accurate information.
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U of M Open Classes Only Schedule of Classes  Page 80 of 359  WN 2021 2320 03-03-2021 17:03 25266102
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*This course will have in-person sessions. Please contact the instructor for further information.*

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This course will meet in 1040 Dana.

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Only Non-UMSI students may register for this section. UMSI students should register either for an open seat or for the waitlist for the 006 section.

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Only Non-UMSI students may register for this section. UMSI students should register either for an open seat or for the waitlist for the 007 section.

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Only Non-UMSI students may register for this section. UMSI students should register either for an open seat or for the waitlist for the 008 section.

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It is CRITICAL that students attend classes from the beginning of the term. Even though students may be registered officially for a course, the instructor may give away places in a course if students do not attend the first day of class. Students MUST attend the discussion for which they are enrolled.

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Only Non-UMSI students may register for this section. UMSI students should register either for an open seat or for the waitlist for the 101 section.

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Only Non-UMSI students may register for this section. UMSI students should register either for an open seat or for the waitlist for the 102 section.

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Only UMSI students may register for this section. Non-UMSI students should register either for an open seat or for the waitlist for the 105 section.

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Only Non-UMSI students may register for this section. UMSI students should register either for an open seat or for the waitlist for the 101 section.

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Only Non-UMSI students may register for this section. UMSI students should register either for an open seat or for the waitlist for the 102 section.

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Only UMSI students may register for this section. Non-UMSI students should register either for an open seat or for the waitlist for the 106 section.

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Only UMSI students may register for this section. Non-UMSI students should register either for an open seat or for the waitlist for the 101 section.

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Only UMSI students may register for this section. Non-UMSI students should register either for an open seat or for the waitlist for the 101 section.

User-Centered Agile Development. This course requires flexible scheduling over these six hours. Students will only be required to attend three hours per week, however these three hours may shift weekly within the scheduled time frame.
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Students enrolled in SIADS 591 should enroll in SIADS 592 in the consecutive term so that SIADS 591 and SIADS 592 are taken in succession without interruption.

Students enrolled in SIADS 592 in should have completed SIADS 591 in the preceding term so that SIADS 591 and SIADS 592 are taken in succession without interruption.
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Sports Analytics

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Students enrolled in SIADS 694 should enroll in SIADS 695 in the consecutive term so that SIADS 694 and SIADS 695 are taken in succession without interruption.

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Students enrolled in SIADS 695 should have completed SIADS 694 in the preceding term so that SIADS 694 and SIADS 695 are taken in succession without interruption.
Institute for Social Research
SRC-PSM Graduate Program
Survey Methodology (SURVMETH) Open Sections

**Sampling Theory**
- Code: 617
- Title: Sampling Theory
- CR: 3.00
- ADVISORY
- Department consent required.
- Please contact the Program in Survey Methodology (michpsm.isr@umich.edu)
- Class # 24081
- P LEC 001 MW 830-10AM REMOTE Dempsey
- Open Seats: 10
- WL: Y

**Fund Data Collect II**
- Code: 622
- Title: Fund Data Collect II
- CR: 3.00
- ADVISORY
- Department consent required.
- Please contact the Program in Survey Methodology (michpsm.isr@umich.edu)
- Class # 28013
- PD LEC 001 M 330-630PM ARR Conrad, Antoun
- Open Seats: 12
- WL: N

**Applied Sampling**
- Code: 625
- Title: Applied Sampling
- CR: 3.00
- ADVISORY
- Department consent required.
- Please contact the Program in Survey Methodology (michpsm.isr@umich.edu)
- Class # 17961
- PDR SEM 001 W 9-1130AM G300 PERRY Si, Lee
- Open Seats: 20
- WL: N

**Quest Design & Eval**
- Code: 630
- Title: Quest Design & Eval
- CR: 3.00
- ADVISORY
- Department consent required.
- Please contact the Program in Survey Methodology (michpsm.isr@umich.edu)
- Class # 18613
- PDR SEM 001 T 1-3PM ARR Yan
- Open Seats: 15
- WL: N

**Stat Modeling II**
- Code: 686
- Title: Stat Modeling II
- CR: 3.00
- ADVISORY
- Department consent required.
- Please contact the Program in Survey Methodology (michpsm.isr@umich.edu)
- Class # 19291
- PD LEC 001 W 5-730PM ARR Wagner
- Open Seats: 20
- WL: N

**Directed Research**
- Code: 699
- Title: Directed Research
- CR: 1.00-3.00
- ADVISORY
- Department consent required.
- Please contact the Program in Survey Methodology (michpsm.isr@umich.edu)
- Class # 18150
- PDR SEM 001 T 1-230PM ARR Fay III
- Open Seats: 15
- WL: N

**Topics Surv Methods**
- Code: 744
- Title: Topics Surv Methods
- CR: 3.00
- ADVISORY
- Department consent required.
- Please contact the Program in Survey Methodology (michpsm.isr@umich.edu)
- Class # 18151
- PDR LEC 001 TH 2-3PM ARR Li
- Open Seats: 10
- WL: N

**Doctoral Seminar II**
- Code: 891
- Title: Doctoral Seminar II
- CR: 3.00
- ADVISORY
- Department consent required.
- Please contact the Program in Survey Methodology (michpsm.isr@umich.edu)
- Class # 18152
- PDR LEC 001 W 2-430PM ARR West, Abraham
- Open Seats: 10
- WL: N

**Special Seminars**
- Code: 895
- Title: Special Seminars
- CR: 1.00-3.00
- ADVISORY
- Small Area Estimation
- Contact Michigan Program in Survey Methodology for additional information or for registration permission michpsm.isr@umich.edu
- Class # 29662
- PD SEM 003 T 930-12PM ARR Lahiri
- Open Seats: 20
- WL: N

**Directed Research**
- Code: 999
- Title: Directed Research
- CR: 1.00-3.00
- ADVISORY
- Contact Michigan Program in Survey Methodology for additional information or for registration permission michpsm.isr@umich.edu
- Class # 36535
- P SEM 002 TH 1-345PM ARR Lee, Antoun
- Open Seats: 7
- WL: N

**Directed Research**
- Code: 999
- Title: Directed Research
- CR: 1.00-3.00
- ADVISORY
- Contact Michigan Program in Survey Methodology for additional information or for registration permission michpsm.isr@umich.edu
- Class # 36537
- P SEM 002 TH 1-345PM ARR Lee, Antoun
- Open Seats: 13
- WL: N

**Dissertation**
- Code: 990
- Title: Dissertation
- CR: 8.00
- ENFORCED
- Contact Michigan Program in Survey Methodology for additional information or for registration permission michpsm.isr@umich.edu
- Class # 36540
- PD SEM 002 W 5-730PM ARR Lee, Antoun
- Open Seats: 22
- WL: N
NOTE - ENROLLMENT NOT GUARANTEED FOR STUDENTS OTHER THAN KINESIOLOGY MAJORS. ATTENDANCE AT FIRST CLASS SESSION IS MANDATORY TO RESERVE YOUR PLACE IN CLASS. ACTIVITY CLASSES FOR NON-MAJORS ARE LISTED IN THE U-MOVE PROGRAM, AT THE END OF THE KINESIOLOGY SECTION.

School Of Kinesiology

Applied Exercise Science (AES) Open Sections

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School Of Exercise

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Athletic Training (AT) Open Sections

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Kinesiology (KINESLGY) Open Sections

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University of Limerick in Ireland

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U of M Open Classes Only Schedule of Classes
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Movement Science (MOVESCI) Open Sections

110 Bio&Beh Bases Hu Mvt
14786 P R LEC 002 MW 10-1130AM 2140 SKB Bodary, Gross, Vesia 6 Y
This section is held for Kinesiology students. Non-Kinesiology students should waitlist under section 012.

230 Hum Musculo Anat
17311 P LEC 001 MW 830-10AM REMOTE Gross 9 Y
KINES MOVESCI 230 students must concurrently register for one MOVESCI 231 lab. Each MOVESCI 231 lab enrolls separately from MOVESCI 230 and seats are limited.

231 Hum Musculo Anat Lab
22625 P R LAB 001 W 230-430PM 3460 SKB Wall 1 Y
Kinesiology students enrolled in MOVESCI 231 must concurrently enroll in MOVESCI 230. Each MOVESCI 231 lab enrolls separately from MOVESCI 230 and seats are limited.

240 Prin Phys Act&Wellns
18921 P R LEC 001 MW 11-1230PM 2200 SKB Chen 8 Y
MOVESCI 240 is not open to enrollment, but is crosslisted as AES 240, which is open to enrollment / waitlisting.

241 Ex Nutr Wt Cn
17755 P LEC 001 TTH 1-230PM AUD B AH Bodary 46 Y
MOVESCI 241.001 is hybrid. Please register/waitlist under MOVESCI 241.021 or .022 for remote-only attendance in this same course. Students, please be sure to join the waitlist and we will be issuing overrides continually for this course. You may also email kineregistration@umich.edu to request an override. Thank you.

280 Kin UG Research Opp
14789 PI DIS 001 ARR ARR Ferrez 1.00-4.00 ADVISORY 21 Y
CONTACT UROP OFFICE, PHONE 647-2768.

290 Field Exp MOVESCI
361 Intro Surg Neuromon
24016 P R LEC 001 TTH 1-230PM REMOTE Mergos 3.00 ADVISORY 25 Y
380 Prob in Move Sci
1 ARD + ARR 1.00-3.00 ADVISORY 5 N
382 Honors Reading
1 ARD + ARR 1.00-3.00 ADVISORY 5 N
384 Honors Research
1 ARD + ARR 1.00-3.00 ADVISORY 5 N
402 Teach Exp Mvs
2 ARD + ARR 1.00-3.00 ADVISORY 2 N
403 Internship
1 ARD + ARR 0.50-4.00 ADVISORY 5 N
413 Special Topics MVS
32368 P R LEC 006 TTH 1-230PM REMOTE Mergos Surg Neuroanat & Periop Injury Enrollment by IONM students, only.
Advisory Prereq: It is STRONGLY recommended for students to have completed MOVESCI 320 before enrolling in this course. Students who have already taken MOVESCI 361 should not enroll in this course.

429 Lab Mtr Cnt Dev
1 ARD + ARR 1.00-3.00 ADVISORY 5 N

U of M Open Classes Only Schedule of Classes  Page 93 of 359  WN 2021 2320 03-03-2021 17:03 25266102
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This course takes place during the 2nd half of the semester: 3/8-4/20/2021.

This course takes place during the 3rd half of the semester: 4/11-5/6/2021.

This course takes place during the 4th half of the semester: 5/9-6/12/2021.

This course takes place during the 5th half of the semester: 6/14-7/9/2021.

This course takes place during the 6th half of the semester: 7/12-8/16/2021.

This course takes place during the 7th half of the semester: 8/19-9/13/2021.

This course takes place during the 8th half of the semester: 9/16-10/10/2021.

This course takes place during the 9th half of the semester: 10/13-11/7/2021.

This course takes place during the 9th half of the semester: 11/10-12/4/2021.

This course takes place during the 9th half of the semester: 12/7-1/4/2022.

This course takes place during the 9th half of the semester: 1/7-2/1/2022.

This course takes place during the 9th half of the semester: 2/4-3/1/2022.

This course takes place during the 9th half of the semester: 3/4-4/1/2022.

This course takes place during the 9th half of the semester: 4/1-5/5/2022.

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This course takes place during the 9th half of the semester: 9/4-10/2/2022.

This course takes place during the 9th half of the semester: 10/1-11/5/2022.

This course takes place during the 9th half of the semester: 11/8-12/2/2022.

This course takes place during the 9th half of the semester: 12/5-1/9/2023.

This course takes place during the 9th half of the semester: 1/12-2/8/2023.

This course takes place during the 9th half of the semester: 2/11-3/6/2023.

This course takes place during the 9th half of the semester: 3/9-4/5/2023.
Special Topics 1.50-3.00  
Sport Social Media Analytics  
This course takes place during the 2nd half of the semester: 3/8-4/20/2021.

Students enrolled in more than five upper division SM courses will be disenrolled from one of the excess courses.

Data Mgmt & Vis in R 1.50 ENFORCED  
Sport Social Media Analytics  
This course takes place during the 1st half of the semester: 1/19-3/5/2021.

Students enrolled in more than five upper division SM courses will be disenrolled from one of the excess courses.

Honors Reading 1.00-3.00 ADVISORY  
Honors Research 1.00-3.00 ADVISORY  
Field Experience 0.50-4.00 ADVISORY  
Teach Experience SM 1.00-2.00 ADVISORY  
Internship in SM 0.50-3.00 ADVISORY  
SocEnt&Nonprofit Mgt 3.00  
Spt&Public Policy 3.00 ADVISORY  
Intro to Sport Analy 3.00 ENFORCED  
SportMarketingAnaly 3.00 ADVISORY  
Independent Study 1.00-3.00 ADVISORY  
Sr Honors Thesis 1.00-2.00 ADVISORY  
Legal Asp of Sport 3.00  
Fin Mgmt Spt Indus 3.00 ADVISORY  
Fin Mgmt Spt Indus 3.00 ADVISORY  
Spt Mgmt in Depth 2.00-3.00 ADVISORY  
Org Behavior and HR 3.00
### LSA Residential College

**College of L S A Residential College**

#### Fine Arts (RCARTS) Open Sections

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#### American Sign Language (RCASL) Open Sections

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#### Core Courses (RCCORE) Open Sections

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#### Humanities (RCHUMS) Open Sections

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Inside the Dramatic Experience

Class will also meet in EQB 423 and in the Keene Theater with RCHUMS 482

312 Cnt Eur Cinema

| 15782 | PI DIS 003 ARR REMOTE Eagle | 4 | Y |
| 17379 | PI DIS 004 ARR REMOTE Marko | 2 | Y |
| 17756 | PI DIS 005 ARR REMOTE Zhur | 2 | Y |
| 23263 | PI DIS 006 ARR REMOTE Paige | 3 | Y |
| 39790 | PI DIS 007 ARR REMOTE Mihill (she/her/hers) | 3 | Y |
| 15786 | A LEC 001 ARR REMOTE Eagle |  | |
| 15785 | A LAB 002 ARR REMOTE Eagle |  | |

321 Adv Poetry Wrtg

| 24839 | P R SEM 001 TTH 230-4PM REMOTE Messer | 6 | N |
| 334 Topics in Humanities

| 28859 | PI SEM 001 TH 9-12PM REMOTE Gordon-Gurfinkel | 3 | N |
| 334 Topics in Humanities

| 25046 | P SEM 009 MW 4-530PM REMOTE Crasnow | 10 | Y |
| 34414 | P SEM 003 TTH 230-4PM REMOTE Burde | 11 | Y |
| 34414 | P SEM 003 TTH 230-4PM REMOTE Notre-Dame, Paris, and Us |  | |
| 34840 | P R SEM 002 W 3-6PM REMOTE Rosegrant | 2 | Y |
| 21662 | P R SEM 004 MW 230-4PM REMOTE Wells | 1 | N |
| 25858 | P SEM 005 MW 230-4PM REMOTE Crasnow | 7 | Y |
| 28980 | P SEM 006 MW 1130-1PM REMOTE Crasnow | 11 | Y |
| 25046 | P SEM 009 MW 4-530PM REMOTE Crasnow | 10 | Y |

334 Topics in Humanities

| 34414 | P SEM 003 TTH 230-4PM REMOTE Burde | 11 | Y |
| 337 Children Under Fire

| 34580 | P SEM 001 TTH 230-4PM REMOTE Goodenough | 1 | N |
| 341 Community Empowerment

| 29555 | P R SEM 001 T 9-12PM B423 EQ | 3 | 50.00 |
| 341 Community Empowerment

| 21660 | P R LEC 001 MW 1-230PM REMOTE Willette | 10 | N |
| 381 Shakespeare

| 35237 | P LEC 001 TTH 1-3PM KEENE AUD EQ | 13 | N |
| 423 OOTB

| 36479 | PI LAB 001 T 530-730PM REMOTE Rohwer | 23 | N |
| 481 Play Production Sem

| 20458 | PIR SEM 001 MWF 11-1PM B423 EQ | 6 | N |
| 481 Play Production Sem

| 20458 | PIR SEM 001 MW 11-1PM B423 EQ | 6 | N |
| 482 Director and Text

| 23205 | PIR SEM 001 MW 1-3PM B423 EQ | 3 | Y |
| 482 Director and Text

| 29465 | PIR SEM 001 MW 1-3PM B423 EQ | 3 | Y |

Class meets in the Keene Theater MW 1-3PM with RCHUMS 481

Interdivisional (RCIDIV) Open Sections

| 305 Envir & Soc Just Lit

| 28906 | P SEM 001 TTH 4-530PM REMOTE Murphy | 12 | Y |
| 350 Special Topics

| 39524 | P LEC 001 T 2-3PM REMOTE Crowell | 6 | N |
| 350 Special Topics

| 23623 | P SEM 003 W 7-9PM REMOTE Regester, Berger | 20 | Y |
| 351 Special Topics

| 32027 | PIR SEM 003 T 3-5PM REMOTE Burkam | 1 | N |
| 391 Sustainable Campus

| 29465 | P DIS 002 ARR ARR |  | |
| 29464 | S LEC 001 MW 10-1130AM REMOTE Soderstrom | 1 | Y |

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Languages (RCLANG) Open Sections

190  Intensive French 8.00
    22573  A  LEC 001  MTTHF 1-2PM REMOTE Bayraktar

191  Intensive German 8.00
    17299  P  DIS 002  MTTHF 11-12PM REMOTE Goertz
    17298  A  LEC 001  MTTHF 9-10AM REMOTE Cribari-Assali

256  Intermed Japanese
    29502  PD  REC 001  ARR ARR Okuno 5 Y

290  Intensive French 8.00 ADVISORY 25.00
    14757  A  LEC 001  MTTHF 10-11AM REMOTE Butler-Borruat

291  Intensive German 8.00 ADVISORY
    34782  P  DIS 002  MTTHF 11-12PM REMOTE Cribari-Assali 10 Y
    34781  S  LEC 001  MTTHF 9-10AM REMOTE Goertz

293  Intensive Russian II 8.00 ADVISORY
    22724  A  LEC 001  MTTHF 12-1PM REMOTE Makin

294  Intensive Spanish 8.00 ADVISORY
    14759  P  DIS 002  MTTHF 10-11AM REMOTE Nunez
    14760  P  DIS 003  MTTHF 12-1PM REMOTE Espinoza-Pino
    14911  A  LEC 001  MTTHF 9-10AM REMOTE Nunez

296  Intens Japanese II 10.00 ADVISORY
    23923  PI  LEC 001  MTWTHF 10-12PM REMOTE Okuno

321  Readings in German
    14764  PI  SEM 001  M 6-9PM REMOTE Goertz

Tales -Transformation/Passage

324  Readings in Spanish 8.00 ADVISORY
    14765  PIR SEM 001  TTH 10-1130AM REMOTE Lopez-Cotin

The City Imagined

320  Chamber Music 1.00
    14774  P  LAB 001  F 10-5PM REMOTE Espinoza-Pino

Indigenous Resist/Andes-Amazon

321  Chamber Music 1.00
    14774  P  LAB 001  F 10-5PM KEENE AUD EQ

Exploring Cultural Landscapes

320  Chamber Music 1.00
    14774  P  LAB 001  F 10-5PM B424 EQ

Media, Terrorists&Freedom Fght

334  Tutoring Latino/as
    31125  P  SEM 001  W 1130-1PM REMOTE Espinoza-Pino

334  Tutoring Latino/as
    31125  P  SEM 001  W 1130-1PM ARR REMOTE Espinoza-Pino

Residential College Music Program (RCMUSIC) Open Sections

254  Human Voice 2.00
    31126  P  LAB 001  TTH 10-12PM REMOTE Goitz-Taylor 3 N

258  Afro-Cuban Drumming
    35196  P  REC 001  MW 1-3PM REMOTE Gould 4 N

258  Afro-Cuban Drumming
    35196  P  REC 001  MW 1-3PM KEENE AUD EQ

320  Chamber Music 1.00
    14774  P  LAB 001  F 10-5PM KEENE AUD EQ

320  Chamber Music 1.00
    14774  P  LAB 001  F 10-5PM B424 EQ

Students will only meet 1-2 hours per week, chosen from the listed course hours by the instructor after the interview/audition. Tuesday 6-9PM section meets in EQB503.

320  Chamber Music 1.00
    14774  P  LAB 001  F 10-5PM

Intermediate

350  Creative Musician
    14780  P  REC 001  MW 3-5PM REMOTE Kirschenmann

351  Musicianship Lab
    34769  P  LAB 001  MW 10-1130AM REMOTE Kirschenmann

Advanced

34769  P  LAB 001  MW 10-1130AM REMOTE Kirschenmann

Advanced

34769  P  LAB 001  MW 10-1130AM REMOTE Kirschenmann

Natural Sciences (RCNSCI) Open Sections

202  Ecological issues 4.00
    23786  P  DIS 004  T 4-5PM REMOTE Benedict, Sehrsweeney 1 Y
    23790  P  DIS 009  W 3-4PM REMOTE Benedict, Carlberg 1 Y
    23786  P  DIS 004  T 4-5PM

U of M Open Classes Only Schedule of Classes  Page 98 of 359  WN 2021 2320 03-03-2021 17:03 25266102
### Social Sciences (RCSSCI) Open Sections

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**Course Details:**
- **Social Sciences (RCSSCI) Open Sections**
- **Appr to Econ Devel**
- **Topics in STP**
- **Global Workers' Rights**
- **Theorizing Knowledge**
- **S Sci Basic Seminar**
- **Soc Sci Theory I**
- **Urban Inequality**
- **Built Environment**
- **Nat Disasters E Asia**
- **Comm Learn in ESL**
- **Senior Seminar**

**Notes:**
- Class will meet with RCSSCI 260 tth 2:30-4, EQ1423
- Spanish Lang Internship Prog II
- Gen/Sex-Int'l Human Rights Law
## Law

### Law School

#### Law (LAW) Open Sections

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U of M Open Classes Only Schedule of Classes  Page 104 of 359  WN 2021 2320 03-03-2021 17:03 25266102
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**Literature, Sci, and the Arts**

NOTE--IT IS CRITICAL THAT STUDENTS ATTEND CLASSES FROM THE BEGINNING OF THE TERM. EVEN THOUGH STUDENTS MAY BE REGISTERED OFFICIALLY FOR A COURSE, DEPARTMENTS MAY GIVE AWAY STUDENT'S PLACES IN A COURSE IF THEY DO NOT ATTEND:
---THE FIRST MEETING OF BIOLOGY, CHEMISTRY, AND PHYSICS LABORATORIES;
---THE FIRST MEETINGS OF HISTORY 496 AND 497;
---EITHER OF THE FIRST TWO MEETINGS OF ANY COURSE OFFERED BY THE DEPARTMENT OF ROMANCE LANGUAGES;
---THE FIRST TWO MEETINGS OF COURSES IN OTHER DEPARTMENTS.

AT THE SAME TIME, DEPARTMENTS ARE NOT OBLIGATED TO WITHDRAW STUDENTS OFFICIALLY FROM THE COURSE, EVEN THOUGH THE STUDENT HAS BEEN INFORMED THAT HIS/HER PLACE IN A COURSE HAS BEEN TAKEN AWAY. STUDENTS ARE RESPONSIBLE FOR THE ACCURACY OF THEIR SCHEDULES AND MUST BE SURE THAT ALL DROPS ARE PROCESSED THROUGH THE REGISTRATION SYSTEM DURING THE NORMAL DROP/ADD PERIOD.

**Department of Afro-American and African Studies**

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Department of American Culture

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STUDENTS ARE AUTO-ENROLLED IN LECTURE WHEN THEY ELECT A DISCUSSION. Remote with a blend of synchronous and asynchronous instruction.

U of M Open Classes Only Schedule of Classes Page 108 of 359 WN 2021 2320 03-03-2021 17:03 25266102
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**Global Digital Activism**

- 001: **Global Digital Activism**
  - **PIR REC 001** TTH 230-4PM REMOTE Granata

**Digital Bodies**

- **PIR REC 002** TTH 230-4PM REMOTE Bushner

Deception/Manipulation/Privacy

- **PI LEC 003** MW 1130-1PM REMOTE Lawson

**How Do Algorithms See?**

- **PI LEC 004** MW 830-10AM REMOTE Griffiths

Remote with a blend of synchronous and asynchronous instruction.

- **PI LEC 005** TTH 4-530PM REMOTE Ferrari

Remote with a blend of synchronous and asynchronous instruction.

- **PI LEC 006** MW 1130-1PM REMOTE La Fountain-Stokes

Transnational Feminisms

- **PI LEC 007** MW 1130-1PM REMOTE LaFountain-Stokes

Critical Indigenous Studies

- **PI LEC 008** MW 1130-1PM REMOTE Carson, Mora

Collaborative Research Seminar

This course is remote and synchronous. Students, if interested in a hybrid format, should enroll in History 717.001.

- **PI LEC 009** MW 1130-1PM REMOTE Santamarina

**Post-bellum, Pre-Harlem**

- **PI LEC 010** MW 1130-1PM REMOTE Santamarina

**Knowledge/Power STM**

- **PI LEC 011** MW 1130-1PM REMOTE Santamarina

**DS Special Topics**

- **PI LEC 012** MW 1130-1PM REMOTE Santamarina

**Digital Media Theory**

- **PI LEC 013** MW 1130-1PM REMOTE Santamarina

**Methodologies**

- **PI LEC 014** MW 1130-1PM REMOTE Santamarina

**Adv Gr Primary Res**

- **PI LEC 015** MW 1130-1PM REMOTE Santamarina

**Diss-Precand**

- **PI LEC 016** MW 1130-1PM REMOTE Santamarina

See www.lsa.umich.edu/ac/undergrad/honors/ for information on obtaining overrides. Meets with WOMENSTD 389.001.
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This course is remote and synchronous. Students, if interested in a hybrid format, should enroll in History 717.001.

Critical Indigenous Studies
## Anthropology Department

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Lectures will be made available asynchronously on Tu/Th.

### Notes

- **Asian Languages And Cultures**
- **Asian Studies (ASIAN) Open Sections**
- **205 Modern East Asia**
- **225 Intro to Hinduism**
- **231 Intro Tibet Buddhism**
- **232 Buddhism in America**
- **258 Food & Drink of Asia**
- **259 Mod India and S Asia**
- **261 Intro Modern China**
- **273 North Korea**
- **280 Topics Asian Studies**
- **324 Islam in South Asia**
- **327 Thai Buddhism Film**
- **338 Hum Topics: S Asia**
- **362 The Monkey King**
- **428 China Ev Com**

**Taught by Jae Won Chung of Rutgers University.** This course share is offered to U-M students through the Korean Studies e-school coordinated by the Nam Center for Korean Studies.

**Imagining Disaster: Korea**

**Taught by Jae Won Chung of Rutgers University.** This course share is offered to U-M students through the Korean Studies e-school coordinated by the Nam Center for Korean Studies.
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Buddhist Studies (BUDDHST) Open Sections
### Astronomy Department

**Astronomy (ASTRO) Open Sections**

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Biology Department

Biology (BIOLOGY) Open Sections

--A STUDENT WHO DOES NOT ATTEND THE FIRST MEETING OF A BIOLOGY, CHEMISTRY, OR PHYSICS LABORATORY MAY BE DROPPED FROM THE COURSE FOR NON-ATTENDANCE.

--ALL STUDENTS MUST TAKE ACTION THROUGH THE REGISTRATION SYSTEM TO MAKE SURE THAT THEIR OFFICIAL SCHEDULE MATCHES THE COURSES THEY ARE ATTENDING.

--FOR ADDITIONAL COURSES, PREVIOUSLY LISTED UNDER BIOLOGY, PLEASE CHECK THE LISTINGS FOR EEB (ECOLOGY AND EVOLUTIONARY BIOLOGY) AND MCD (MOLECULAR, CELLULAR AND DEVELOPMENTAL BIOLOGY).

102 Practical Botany 4.00 50.00
25660 PI LAB 002 W 9-1230PM REMOTE Shiffer 1 Y
25661 PI LAB 003 W 12-330PM REMOTE Shiffer 2 Y
25662 PI LAB 004 TH 9-1230PM REMOTE Zhao 6 Y
25663 PI LAB 005 TH 12-330PM REMOTE Zhao 1 Y
25657 SI LEC 001 MF 12-1PM REMOTE Qiu 1 Y

109 Ecological Knowldg 3.00
27394 P LEC 001 TTH 230-4PM REMOTE Lehman 22 Y

Lectures will be asynchronous. Exams will be synchronous, online, on either Tuesday or Thursday from 2:30 to 4 P.M.

116 Biology of Sex 3.00
33818 PI LEC 001 TTH 4-530PM REMOTE Knowles 44 Y

Topics in Biology 3.00
31050 PI LEC 001 TTH 230-4PM REMOTE Klionsky 7 Y

Introductory Biology (non-major)

130 Animal Behavior 4.00
33833 PI DIS 002 M 2-3PM REMOTE Weise 1 Y
33834 PI DIS 003 M 3-4PM REMOTE Weise 4 Y
33836 PI DIS 005 TH 2-3PM REMOTE Davenport 12 Y
33838 PI DIS 007 F 2-3PM REMOTE Weise 2 Y
33819 AI LEC 001 TTH 1130-1PM REMOTE Tibbetts 7 Y

Tuesday lecture will be asynchronous. Thursday lecture and discussion sections will have synchronous activities.

171 Intro Biology: EEB 4.00
19949 PI DIS 006 T 230-4PM REMOTE Zhang 2 Y
19937 PI DIS 007 T 830-10AM REMOTE Feng 1 Y
23162 PI DIS 008 W 830-10AM REMOTE Feng 1 Y
20065 PI DIS 009 M 830-10AM REMOTE Feng 3 Y
19938 PI DIS 010 T 830-10AM REMOTE Clements 1 Y
19939 PI DIS 011 W 830-10AM REMOTE Medina 3 Y
19941 PI DIS 013 T 10-1130AM REMOTE Orth 1 Y
19942 PI DIS 014 W 10-1130AM REMOTE Medina 2 Y
19943 PI DIS 017 W 10-1130AM REMOTE Melo Carrillo 1 Y
19945 PI DIS 019 T 1130-1PM REMOTE Romanowicz 1 Y
19946 PI DIS 020 T 1-230PM REMOTE Romanowicz 1 Y
19947 PI DIS 021 T 1-230PM REMOTE Zhang 2 Y
19948 PI DIS 022 M 1130-1PM REMOTE Medina 1 Y
20069 PI DIS 023 W 1130-1PM REMOTE Melo Carrillo 2 Y
19954 PI DIS 024 M 2-3PM REMOTE Melo Carrillo 2 Y
19952 PI DIS 028 M 4-530PM REMOTE Romanowicz 4 Y
19957 PI DIS 029 M 10-1130AM REMOTE O'Neil, Lee 1 Y
20073 PI DIS 090 ARR REMOTE Pallazola, Vu 28 Y

THE DISCUSSION SECTION WILL BE ASYNCHRONOUS FOR THE WINTER TERM, BUT PLEASE NOTE THE EXAM INFORMATION FOR THE COURSE DETAILED UNDER LECTURE 001.

THE FIRST LECTURE WILL BE HELD WEDNESDAY, JAN. 20. --DISCUSSION SECTIONS BEGIN THE WEEK OF JAN. 25. -- THERE WILL BE 5 EXAMS. EXAMS 1 TO 4 WILL BE GIVEN ON WEDNESDAYS DURING THE SCHEDULED LECTURE TIME, on the following dates: Feb. 10, Mar. 3, Mar. 17, Mar. 31. Exam 5 will be given on Tuesday, April 27 from 7 to 8:30 PM. There are recorded lectures and online exams. Section 001 and 002 meet together online. If you need help enrolling into a discussion section after December 21, contact the course coordinator (Laura Eidietis, leidieti@umich.edu).

--HONORS STUDENTS ENROLL IN SECTION 200 OR 201 AND LECTURE SECTION 002.

19934 SI LEC 002 MW 1-230PM REMOTE Kurzziel 1 Y

--HONORS STUDENTS ENROLL IN DISCUSSION SECTION 200 OR 201. --THE FIRST LECTURE WILL BE HELD WEDNESDAY, JAN. 20. --DISCUSSION SECTIONS BEGIN THE WEEK OF JAN. 25. -- THERE WILL BE 5 EXAMS. EXAMS 1 TO 4 WILL BE GIVEN ON WEDNESDAYS DURING THE SCHEDULED LECTURE TIME, on the following dates: Feb. 10, Mar. 3, Mar. 17, Mar. 31. Exam 5 will be given on Thursday, April 27 from 7 to 8:30 PM. There are recorded lectures and online exams. Section 001 and 002 meet together online.

--HONORS STUDENTS MUST ELECT DISCUSSION 100 OR 101.

U of M Open Classes Only Schedule of Classes Page 121 of 359 WN 2021 2320 03-03-2021 17:03 25266102
### U of M Open Classes Only Schedule of Classes Page 122 of 359 WN 2021 2320 03-03-2021 17:03 25266102

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**THE FIRST LECTURE WILL BE HELD WED., JAN 20. LECTURES WILL LIKELY BE ASYNCHRONOUS AND OFFICE HOURS MAY BE HELD DURING THE SCHEDULED LECTURE TIMES.** --DISCUSSION SECTIONS BEGIN THE WEEK OF JAN.25. --EXAMS WILL BE GIVEN ON MONDAYS, Feb 15, Mar 8, and Apr 5, 6-8 PM.

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**THE FIRST LECTURE WILL BE HELD WED., JAN 20. LECTURES WILL LIKELY BE ASYNCHRONOUS AND OFFICE HOURS MAY BE HELD DURING THE SCHEDULED LECTURE TIMES.** --DISCUSSION SECTIONS BEGIN THE WEEK OF JAN.25. --EXAMS WILL BE GIVEN ON MONDAYS, Feb 15, Mar 8, and Apr 5, 6-8 PM.

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**SECTION 201 IS RESERVED FOR HONORS STUDENTS.** --LECTURE SECTIONS 002 AND 004 ARE RESERVED FOR HONORS STUDENTS. --HONORS STUDENTS ENROLL IN DISCUSSION SECTION 200 OR 201. THE FIRST LECTURE WILL BE HELD WED., JAN 20. LECTURES WILL LIKELY BE ASYNCHRONOUS AND OFFICE HOURS MAY BE HELD DURING THE SCHEDULED LECTURE TIMES. --DISCUSSION SECTIONS BEGIN THE WEEK OF JAN.25. --EXAMS WILL BE GIVEN ON MONDAYS, Feb 15, Mar 8, and Apr 5, 6-8 PM.

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**LAB SECTIONS WILL BY SYNCHRONOUS FOR WINTER 2021.** Labs are closed to adding or swapping after the first week of classes. Students should contact the section instructor to request an override.

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<td>REMOTE</td>
<td>Yang</td>
<td>1</td>
<td>Y</td>
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</table>

**LAB SECTIONS WILL BY SYNCHRONOUS FOR WINTER 2021.** Labs are closed to adding or swapping after the first week of classes. Students should contact the section instructor to request an override.

<table>
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<tr>
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<th>SEC</th>
<th>DAYS</th>
<th>TIME</th>
<th>LOCATION</th>
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<th>INSTRUCTOR</th>
<th>PREREQ</th>
<th>LAB FEE</th>
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**INTRO BIOL LAB**

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<th>CR</th>
<th>INSTRUCTOR</th>
<th>PREREQ</th>
<th>LAB FEE</th>
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<tbody>
<tr>
<td>19849</td>
<td>PIR LAB 024</td>
<td>T</td>
<td>9-12PM</td>
<td>REMOTE</td>
<td>Januario Lopes de Sousa, Ammerlaan</td>
<td>2</td>
<td>Y</td>
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</table>

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<table>
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<tr>
<th>Class #</th>
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<th>PREREQ</th>
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<tbody>
<tr>
<td>39562</td>
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<td>F</td>
<td>9-10AM</td>
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<td>Yang</td>
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**LAB SECTIONS WILL BY SYNCHRONOUS FOR WINTER 2021.** Labs are closed to adding or swapping after the first week of classes. Students should contact the section instructor to request an override.

<table>
<thead>
<tr>
<th>Class #</th>
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<th>PREREQ</th>
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<td>7-10PM</td>
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<td>7-10PM</td>
<td>REMOTE</td>
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<table>
<thead>
<tr>
<th>Class #</th>
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<td>9-12PM</td>
<td>REMOTE</td>
<td>Stepanova, Ammerlaan</td>
<td>1</td>
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</table>

**LAB SECTIONS WILL BY SYNCHRONOUS FOR WINTER 2021.** Labs are closed to adding or swapping after the first week of classes. Students should contact the section instructor to request an override.

**THE LECTURE SECTION WILL BE ASYNCHRONOUS FOR THE WINTER TERM.**

<table>
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<th>CODE</th>
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**UNDERGRAD TUTORIAL**

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<th>TIME</th>
<th>LOCATION</th>
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<th>PREREQ</th>
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<tr>
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<td>PI DIS 031</td>
<td>T</td>
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<td>2131 USB</td>
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**PLANT BIOLOGY**

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<th>PREREQ</th>
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<td>230-4PM</td>
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<td>Song</td>
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<tr>
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<td>230-4PM</td>
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<td>1</td>
<td>Y</td>
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EXAMS WILL BE synchronous and GIVEN WEDS., FEB 10, March 3, March 31, 6-8 PM. **Please plan to be available at these times.** Alternate exams will be made available only for students who have unavoidable university generated conflicts or significant time zone issues. If you cannot attend exams at these times, please contact the course coordinator, Hilary Archbold at hilaryar@umich.edu [before classes begin]. The Final exam will take place at the time scheduled by the Registrar's office.

<table>
<thead>
<tr>
<th>CAT#</th>
<th>Course Title</th>
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<tr>
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## Biophysics Research Division

### Biophysics (BIOPHYS) Open Sections

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<th>CAT#</th>
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<td>3.00</td>
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<tr>
<td>21232</td>
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<td>117</td>
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<td>20006</td>
<td>P LEC 001 TTH 1-230PM REMOTE Yang</td>
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<td>430</td>
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<td>30282</td>
<td>P LEC 001 MW 830-10AM REMOTE Ivanova</td>
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<td>550</td>
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<td>34903</td>
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<td>Diss-Cand</td>
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</table>
Chemistry Department
Chemistry (CHEM) Open Sections

--A GRADE OF C- OR BETTER MUST BE OBTAINED IN ALL CHEMISTRY COURSES PREREQUISITE TO SUBSEQUENT CHEMISTRY COURSES.
--ROOM A706 IS A WHEELCHAIR EQUIPPED LAB.
--A STUDENT WHO DOES NOT ATTEND THE FIRST MEETING OF A BIOLOGY, CHEMISTRY, OR PHYSICS LABORATORY MAY BE DROPPED FROM THE COURSE FOR NON-ATTENDANCE. ALL STUDENTS MUST TAKE ACTION THROUGH THE REGISTRATION SYSTEM TO MAKE SURE THAT THEIR OFFICIAL SCHEDULE MATCHES THE COURSES THEY ARE ATTENDING.

<table>
<thead>
<tr>
<th>CAT#</th>
<th>Course Title</th>
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<td>105</td>
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<td>Planner</td>
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<td>Y</td>
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<tr>
<td>108</td>
<td>Phys World</td>
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<td>ADVISORY</td>
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<td>Y</td>
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<tr>
<td>130</td>
<td>G Chem Invst&amp;R Prin</td>
<td>3.00</td>
<td>ADVISORY</td>
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</table>

--SECTION 100 - STUDENTS MUST ELECT DISCUSSION SECTION 101-150.

This section is reserved for CSP students during the early registration period. Any undergraduate student may join the waitlist once the section is closed. On 12/04/2020 any remaining available seats will be released for any undergraduates who wish to register. Students who are still on the waitlist as of the first day of classes should email the instructor or GSI of their desire to enroll in the course. Due to social distancing restrictions, students should not attend a section for which they are not enrolled. If an override is granted, students will receive an email notification so they may register for the course prior to the stated expiration date.

15 seats reserved for any CSP students,
5 seats reserved for any undergraduate students

This section is reserved for CSP students during the early registration period. Any undergraduate student may join the waitlist once the section is closed. On 12/04/2020 any remaining available seats will be released for any undergraduates who wish to register. Students who are still on the waitlist as of the first day of classes should email the instructor or GSI of their desire to enroll in the course. Due to social distancing restrictions, students should not attend a section for which they are not enrolled. If an override is granted, students will receive an email notification so they may register for the course prior to the stated expiration date.

15 seats reserved for any CSP students,
5 seats reserved for any undergraduate students

--SECTION 200 - STUDENTS MUST ELECT DISCUSSION SECTION 201-213.

12417 A LEC 400 F 11-12PM REMOTE Gottfried
12418 PDR DIS 401 TH 10-11AM REMOTE Kallick 2 N

This section is reserved for CSP students during the early registration period. Any undergraduate student may join the waitlist once the section is closed. On 12/04/2020 any remaining available seats will be released for any undergraduates who wish to register. Students who are still on the waitlist as of the first day of classes should email the instructor or GSI of their desire to enroll in the course. Due to social distancing restrictions, students should not attend a section for which they are not enrolled. If an override is granted, students will receive an email notification so they may register for the course prior to the stated expiration date.

15 seats reserved for any CSP students,
5 seats reserved for any undergraduate students

--SECTION 400 - STUDENTS MUST ELECT FROM DISCUSSION SECTIONS 401-405.

This section is reserved for CSP students. Please contact CSP-4INFO@UMICH.EDU with questions.

12426 P DIS 110 M 9-10AM REMOTE Shen 2 N
12423 P DIS 113 M 2-3PM REMOTE Dirocco 3 N
12427 P DIS 131 W 2-3PM REMOTE Dirocco 8 N
12422 P DIS 141 TH 12-1PM REMOTE Tami 2 N
12424 P DIS 142 TH 12-1PM REMOTE Zelaya 5 N
12425 P DIS 143 TH 3-4PM REMOTE Tami 2 N
12437 P DIS 310 M 11-12PM REMOTE Shen 1 N
12439 P DIS 322 T 2-3PM REMOTE Zelaya 1 N
12435 P DIS 330 W 9-10AM REMOTE Shen 2 N
12436 P DIS 331 W 1-2PM REMOTE Shen 1 N
12421 A LEC 100 MWFR 10-11AM REMOTE Tuttle
18219 A LEC 300 MWFR 12-1PM REMOTE Wang

This section is reserved for CSP students during the early registration period. Any undergraduate student may join the waitlist once the section is closed. On 12/04/2020 any remaining available seats will be released for any undergraduates who wish to register. Students who are still on the waitlist as of the first day of classes should email the instructor or GSI of their desire to enroll in the course. Due to social distancing restrictions, students should not attend a section for which they are not enrolled. If an override is granted, students will receive an email notification so they may register for the course prior to the stated expiration date.

15 seats reserved for any CSP students,
5 seats reserved for any undergraduate students

--SECTION 214 - STUDENTS MUST ELECT FROM DISCUSSION SECTIONS 214-216.

12421 A LEC 100 MWFR 10-11AM REMOTE Tuttle
18219 A LEC 300 MWFR 12-1PM REMOTE Wang

This section is reserved for CSP students during the early registration period. Any undergraduate student may join the waitlist once the section is closed. On 12/04/2020 any remaining available seats will be released for any undergraduates who wish to register. Students who are still on the waitlist as of the first day of classes should email the instructor or GSI of their desire to enroll in the course. Due to social distancing restrictions, students should not attend a section for which they are not enrolled. If an override is granted, students will receive an email notification so they may register for the course prior to the stated expiration date.

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5 seats reserved for any undergraduate students

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5 seats reserved for any undergraduate students

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15 seats reserved for any CSP students,
5 seats reserved for any undergraduate students

This section is reserved for CSP students during the early registration period. Any undergraduate student may join the waitlist once the section is closed. On 12/04/2020 any remaining available seats will be released for any undergraduates who wish to register. Students who are still on the waitlist as of the first day of classes should email the instructor or GSI of their desire to enroll in the course. Due to social distancing restrictions, students should not attend a section for which they are not enrolled. If an override is granted, students will receive an email notification so they may register for the course prior to the stated expiration date.
undergraduates who wish to register. Waitlisted students should attend the first class meeting for override consideration.

20 seats reserved for any CSP students,

34173 P  R  SEM 200  T H  230–4PM REMOTE Tuttle
This section is reserved for CSP students. Please contact CSP for more information at 764-9128 or csp-4info@umich.edu.

34174 P  R  SEM 300  F  1–230PM REMOTE Tuttle
This section is reserved for CSP students. Please contact CSP for more information at 764-9128 or csp-4info@umich.edu.

241  Intro to Chem Analy
--TO BE TAKEN CONCURRENTLY WITH CHEM 242.
12456 P  LEC 100  T T H  12-1PM REMOTE Pratt
TO BE TAKEN CONCURRENTLY WITH CHEM 241.
21001 A  REC 100  T  1-2PM REMOTE Hakansson

246  Biomed Chem-Lab I
23887 P  D R  LAB 102  W  1-5PM 2310 CHEM Lhotka, Makey
100.00 ADVISORY, ENFORCED

258  Biochem Fundamentals
21055 P  D R  SEM 110  M  9-10AM REMOTE Smith
21056 P  D R  SEM 111  W  9-10AM REMOTE Smith
20554 A  LEC 100  MWF 10-11AM REMOTE Nolta

417  Dyn Proc Biophys
20005 P  LEC 001  T T H  1-230PM REMOTE Yang
3.00 ADVISORY

420  Int Org Chem
29454 P  D I S  101  W  4-5PM REMOTE Diaz
29455 P  D I S  102  T  5-6PM REMOTE Diaz
29456 P  D I S  103  W  9-10AM REMOTE Diaz
29457 P  D I S  104  T H  5-6PM REMOTE Diaz

20562 S  DIS 110  M  10-11AM REMOTE Chiang
20563 S  DIS 111  M  11-12PM REMOTE Chiang
20564 S  DIS 112  M  12-1PM REMOTE Chiang
12451 P  LEC 101  MWF 9-10AM REMOTE Penner-Hahn

21798 S  DIS 140  TH  9-10AM REMOTE Lunn
22350 S  DIS 142  TH  11-12PM REMOTE Patel
21797 S  DIS 143  TH  1-2PM REMOTE Lunn
20565 S  DIS 144  TH  2-3PM REMOTE Lunn
20566 S  DIS 145  TH  4-5PM REMOTE Patel

23884 P  LEC 100  W  9-10AM REMOTE Chen
46 N

12455 P  LEC 100  MWF 10-11AM REMOTE Nolta

20645 P  D I S  202  T  5-6PM REMOTE Skinner
21055 P  D I S  203  W  4-5PM REMOTE Skinner
12460 A  LEC 200  MWF 1-2PM REMOTE Maldonado

12464 P  D I S  101  W  1-2PM REMOTE Terry
9 N

12463 A  LEC 100  MWF 9-10AM REMOTE Bartlett

22807 P  D I S  110  M  10-11AM REMOTE Harland
22808 P  D I S  111  W  1-2PM REMOTE Harland
22652 A  LEC 100  MWF 11-12PM REMOTE Bridwell-Rabb

351  Biochem Fundamentals
21055 P  D I S  110  M  9-10AM REMOTE Smith
21056 P  D I S  111  W  9-10AM REMOTE Smith
20554 A  LEC 100  MWF 10-11AM REMOTE Nolta

398  Ugrad Res Biochem
1.00–4.00 ADVISORY

399  Ugrad Res Chem
1.00–4.00 ADVISORY

417  Dyn Proc Biophys
3.00 ADVISORY

420  Int Org Chem
3.00 ADVISORY

20562 S  DIS 110  M  10-11AM REMOTE Chiang
20563 S  DIS 111  M  11-12PM REMOTE Chiang
20564 S  DIS 112  M  12-1PM REMOTE Chiang
12451 P  LEC 101  MWF 9-10AM REMOTE Penner-Hahn

21798 S  DIS 140  TH  9-10AM REMOTE Lunn
22350 S  DIS 142  TH  11-12PM REMOTE Patel
21797 S  DIS 143  TH  1-2PM REMOTE Lunn
20565 S  DIS 144  TH  2-3PM REMOTE Lunn
20566 S  DIS 145  TH  4-5PM REMOTE Patel

23884 P  LEC 100  W  9-10AM REMOTE Chen
46 N

12455 P  LEC 100  MWF 10-11AM REMOTE Nolta

20645 P  D I S  202  T  5-6PM REMOTE Skinner
21055 P  D I S  203  W  4-5PM REMOTE Skinner
12460 A  LEC 200  MWF 1-2PM REMOTE Maldonado

12464 P  D I S  101  W  1-2PM REMOTE Terry
9 N

12463 A  LEC 100  MWF 9-10AM REMOTE Bartlett

22807 P  D I S  110  M  10-11AM REMOTE Harland
22808 P  D I S  111  W  1-2PM REMOTE Harland
22652 A  LEC 100  MWF 11-12PM REMOTE Bridwell-Rabb

351  Biochem Fundamentals
21055 P  D I S  110  M  9-10AM REMOTE Smith
21056 P  D I S  111  W  9-10AM REMOTE Smith
20554 A  LEC 100  MWF 10-11AM REMOTE Nolta

398  Ugrad Res Biochem
1.00–4.00 ADVISORY

399  Ugrad Res Chem
1.00–4.00 ADVISORY

417  Dyn Proc Biophys
3.00 ADVISORY

420  Int Org Chem
3.00 ADVISORY
CAT#  Course Title  CR  INSTRUCTOR  PREREQ  LAB FEE  OPEN SEATS  WL

24992  S  LEC 100 TTH 230-4PM REMOTE Nagorny  3.00  ADVISORY  13  N
12467  P  LEC 100 MWF 1-2PM REMOTE Ruotolo  4.00  ADVISORY  4  N
12468  A  LEC 200 MWF 9-10AM REMOTE Koutmos  4.00  ENFORCED  11  N

463  Physical Chem II  3.00  ADVISORY  5  N
12473  P  DIS 201 T 10-11AM REMOTE Lamb, McCalpin  3  N
22255  P  LAB 101 MW 1-5PM 2550 CHEM Xu, McCalpin  1  N
502  Chemical Biology II  3.00  ADVISORY  22  N
19781  PD  SEM 001 TTH 9-11AM REMOTE Wang, Cierpicki, Sherman, Nagorny, Grembecka  22  N

Contact ChemicalBiology@umich.edu for registration inquiries.

508  Adv Bioinorg Chem  3.00  ADVISORY  16  N
29179  P  LEC 100 TTH 230-4PM REMOTE Pecoraro  3.00  ADVISORY  37  Y
515  Organometalic Chem  3.00  ADVISORY  16  Y
21306  P  LEC 001 TTH 1-230PM REMOTE Szymczak  3.00  ADVISORY  21  N
521  Tech in Bioph Chem  2.00  ADVISORY  28  Y
12478  P  SEM 001 TTH 230-4PM REMOTE Horowitz  27  N
526  Chem Biol II  2.00  ADVISORY  28  Y
29297  P  LEC 100 MWF 10-11AM REMOTE Bailey  14  Y

538  Macromolecule  3.00  ADVISORY  14  Y
19522  P  LEC 100 MWF 11-12PM 1400 CHEM Matzger  3.00  ADVISORY  26  Y
541  Organic Chemistry  3.00  ADVISORY  7  N
12479  P  LEC 100 MWF 9-10AM REMOTE Montgomery  3.00  ADVISORY  27  Y
12480  A  REC 101 M 12-1PM REMOTE Wortman  7  N
542  Appl Phys Meth Org  3.00  ADVISORY  37  Y
34205  P  LEC 100 TTH 1130-1PM 1230 USB Kubarych  7  N
575  Chem Thermodynamics  3.00  ADVISORY  7  N
18985  P  LEC 100 MWF 11-12PM REMOTE Biteen  3.00  ADVISORY  14  Y
580  Molec Spectr Str  3.00  ADVISORY  14  Y
35445  P  LEC 100 F 11-12PM REMOTE Matzger  27  Y
597  Intro to Grad Res  3.00  ADVISORY  27  Y
17303  P  LAB 001 A RR Matzger  3.00  ADVISORY  13  Y
602  Protein Crystallogra  3.00  ADVISORY  7  Y
35139  P  LEC 001 TTH 10-1130AM REMOTE Lehner  3.00  ADVISORY  13  Y
616  Adv Inorganic Chem  3.00  ADVISORY  11  Y
12481  P  LEC 100 TTH 10-1130AM 1640 CHEM Lehner  3.00  ADVISORY  11  Y
648  Anti Spectro&Imaging  3.00  ADVISORY  14  Y
25977  P  LEC 100 TTH 1-230PM REMOTE Palfey  14  Y
673  Kinetics&Mechanism  3.00  ADVISORY  20  N
19419  P  LEC 001 MWF 11-12PM 2244 USB Palay  20  N

Note: Class meets from February 22, 2017 to April 18, 2017 in 6311 Med Sci I.
**Classical Studies Department**

**Classical Archaeology (CLARCH) Open Sections**

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**Classical Civilization (CLCIV) Open Sections**

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<td>REMOTE</td>
<td>Goggin</td>
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<td>Mayo</td>
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<td>Late Latin</td>
<td>10-11AM</td>
<td>REMOTE</td>
<td>Buchanan</td>
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<td>REMOTE</td>
<td>Markus</td>
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<td>993</td>
<td>Sem for Instructors</td>
<td>ARR</td>
<td>ARR</td>
<td>Tomh</td>
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<td>Tomh</td>
</tr>
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</table>

U of M Open Classes Only Schedule of Classes   Page 130 of 359   WN 2021 2320 03-03-2021 17:03 25266102
## Communication and Media

### Communication Studies (COMM) Open Sections

---ENROLLED STUDENTS MAY BE DROPPED FROM COMMUNICATION STUDIES CLASSES FOR FAILURE TO ATTEND THE FIRST TWO MEETINGS.

<table>
<thead>
<tr>
<th>Course Title</th>
<th>CR</th>
<th>PREREQ</th>
<th>INSTRUCTOR</th>
<th>OPEN SEATS</th>
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<td>102 Process &amp; Effects</td>
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<td>Collings</td>
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<td>4-530PM</td>
<td>REMOTE</td>
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</table>

Does not meet Communication and Media major requirements.

First Year Student.

This is a synchronous class, but lectures will be recorded and made available asynchronously.

221 Quantitative Skills
- CR: 4.00
- PREREQ: ADVISORY

251 Media Industries
- CR: 4.00

362 Digital Media Found
- CR: 4.00

370 Social Networks
- CR: 4.00

No credit granted to students who have taken COMM 307 with the topic "Social Networks."

380 Persuasion & Campaigns
- CR: 4.00

442 Indep Research
- CR: 1.00-3.00

452 Senior Thesis
- CR: 3.00

461 Visuality New Media
- CR: 3.00

490 Capstone Media Topic
- CR: 3.00

322 UG Research Prac
- CR: 1.00-3.00

35241 Media Psychology
- CR: 4.00

35251 Media Psychology
- CR: 4.00

36297 Media Psychology
- CR: 4.00

No credit granted to students who have taken COMM 307 with the topic "Social Networks."

Students can only enroll in one capstone for credits. Capstone reserved for declared Communication and Media seniors only.

492 Sr Honors Thesis
- CR: 3.00

699 1st Yr Res Project
- CR: 2.00

775 Media Theory-Humanit
- CR: 3.00

776 Media Theory Soc Sci
- CR: 3.00

799 Directed Study
- CR: 1.00-3.00

820 Topics in Hum Trad
- CR: 3.00

840 Topics Soc Sci Trad
- CR: 3.00

992 Sr Honors Thesis
- CR: 3.00

993 Sem for Instructors
- CR: 1.00

995 Diss-Cand
- CR: 8.00

Reserved for students with Graduate Standing only.

Reserved for graduate students only.

Reserved for graduate students only.

Reserved for graduate students only.

Reserved for graduate students only.

Reserved for graduate students only.

Reserved for graduate students only.

Reserved for graduate students only.

Reserved for graduate students only.

Reserved for graduate students only.
<table>
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<tr>
<th>CAT#</th>
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## Comparative Literature Program

### Comparative Literature (COMPLIT) Open Sections

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### Transcultural Studies (TCS) Open Sections

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Comprehensive Studies Program

Comprehensive Studies Program (CSP) Open Sections

100  CSP Reading Sem 3.00
20975  PDR  SEM 001  MW 10-1130AM REMOTE Winston
This section is reserved for CSP students during the early registration period. Any undergraduate student may join
the waitlist once the section is closed. On 12/04/2020 any remaining available seats will be released for any
undergraduates who wish to register. Students who are still on the waitlist as of the first day of classes should
email the instructor or GSI of their desire to enroll in the course. Due to social distancing restrictions,
students should not attend a section for which they are not enrolled. If an override is granted, students will
receive an email notification so they may register for the course prior to the stated expiration date.

10 seats reserved for first or second year CSP students,
5 seats reserved for any CSP students

20975  PDR  SEM 002  MW 1130-1PM REMOTE Winston
This section is reserved for CSP students during the early registration period. Any undergraduate student may join
the waitlist once the section is closed. On 12/04/2020 any remaining available seats will be released for any
undergraduates who wish to register. Students who are still on the waitlist as of the first day of classes should
email the instructor or GSI of their desire to enroll in the course. Due to social distancing restrictions,
students should not attend a section for which they are not enrolled. If an override is granted, students will
receive an email notification so they may register for the course prior to the stated expiration date.

10 seats reserved for first or second year CSP students,
5 seats reserved for any CSP students

101  CSP: College Success 1.00
25062  PDR  LEC 001  M 3-4PM REMOTE W
This section is reserved for CSP students during the early registration period. Any undergraduate student may join
the waitlist once the section is closed. On 12/04/2020 any remaining available seats will be released for any
undergraduates who wish to register. Students who are still on the waitlist as of the first day of classes should
email the instructor or GSI of their desire to enroll in the course. Due to social distancing restrictions,
students should not attend a section for which they are not enrolled. If an override is granted, students will
receive an email notification so they may register for the course prior to the stated expiration date.

40 seats reserved for any CSP students,

25062  PDR  LEC 002  M 4-5PM REMOTE W
This section is reserved for CSP students during the early registration period. Any undergraduate student may join
the waitlist once the section is closed. On 12/04/2020 any remaining available seats will be released for any
undergraduates who wish to register. Students who are still on the waitlist as of the first day of classes should
email the instructor or GSI of their desire to enroll in the course. Due to social distancing restrictions,
students should not attend a section for which they are not enrolled. If an override is granted, students will
receive an email notification so they may register for the course prior to the stated expiration date.

40 seats reserved for any CSP students,

105  Read&Writ Sem 4.00
28171  PDR  LEC 001  MW 12-2PM 2011 MLB Naylor
This section is reserved for CSP students during the early registration period. Any undergraduate student may join
the waitlist once the section is closed. On 12/04/2020 any remaining available seats will be released for any
undergraduates who wish to register. Students who are still on the waitlist as of the first day of classes should
email the instructor or GSI of their desire to enroll in the course. Due to social distancing restrictions,
students should not attend a section for which they are not enrolled. If an override is granted, students will
receive an email notification so they may register for the course prior to the stated expiration date.

10 seats reserved for first or second year CSP students,
5 seats reserved for any CSP students
English Language Institute

English Language Institute (ELI) Open Sections

ELI courses fall into three categories:
1. English for Academic Purposes courses for graduate students;
2. Language and teacher training courses for international GSIs;
3. Teacher training courses for students planning to teach ESL in local communities or abroad.

For assistance in choosing an appropriate course, please go to the ELI Academic Advising website:
http://bit.ly/eliadvising or e-mail: eliadvisor@umich.edu to make an appointment to speak with an advisor.

PLEASE NOTE: This is an online course. Contact the instructor with any questions.

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English Language & Literature Dept

English Language And Literature (ENGLISH) Open Sections

---A STUDENT WHO MISSEES EITHER THE FIRST OR SECOND CLASS MEETING OF AN ENGLISH COURSE MAY BE DROPPED FROM THE COURSE FOR NON-ATTENDANCE.
---ALL STUDENTS MUST TAKE ACTION THROUGH THE REGISTRATION SYSTEM TO MAKE SURE THEIR OFFICIAL SCHEDULE MATCHES THE COURSES THEY ARE ATTENDING.

124 Academic Writing&Lit
18182 PI REC 008 TTH 230-4PM REMOTE Ramsey 4 Y
12635 PI REC 016 MW 10-1130AM REMOTE Sarpy 3 Y
RaceStorytelling&Nationhood
17349 PI REC 020 MWF 10-11AM REMOTE Cullinane 1 Y
17350 PI REC 021 MW 10-1130AM REMOTE Moore 2 Y

?InHumanity,QuietsOurDignity?
20909 PI REC 022 MWF 9-10AM REMOTE Gilmour 1 Y

Writing&Academic Inq
12639 PI REC 004 MWF 12-1PM REMOTE Wall 1 Y

"What Is College For?"
12644 PI REC 010 TTH 530-7PM REMOTE Lynch 1 Y
12645 PI REC 011 MW 7-830PM REMOTE Buckley 1 Y
28781 PI REC 017 MW 830-10AM REMOTE Parra Garcia 2 Y
12650 PI REC 020 MWF 10-11AM REMOTE Kupetz 1 Y
28782 PI REC 030 MW 1130-1PM REMOTE Bransfield 1 Y
12659 PI REC 031 TTH 230-4PM REMOTE Buckley 2 Y

Thinking Through Empathy
12664 PI REC 037 MW 230-4PM REMOTE Wall 1 Y
28784 PI REC 070 MW 11-12PM REMOTE Blass 2 Y

"What Is College For?"
28787 PI REC 075 TTH 1130-1PM REMOTE Owada 1 Y
28790 PI REC 078 TTH 230-4PM REMOTE Harms 1 Y
32009 PIR REC 081 ARR REMOTE Ferszt 3 Y

This section is reserved for CSP students during the early registration period. Any undergraduate student may join the waitlist once the section is closed. On 12/04/2020 any remaining available seats will be released for any undergraduates who wish to register. Students who are still on the waitlist as of the first day of classes should email the instructor or GSI of their desire to enroll in the course. Due to social distancing restrictions, students should not attend a section for which they are not enrolled. If an override is granted, students will receive an email notification so they may register for the course prior to the stated expiration date.

15 seats reserved for first or second year CSP students
32394 PIR REC 083 MW 1-230PM REMOTE McLaughlin 5 Y

Writing&Respond to Med Writing
This class is reserved for students in HSSP.

126 Comm-Engaged Writ
36440 PI REC 002 TTH 4-530PM REMOTE Romaine 4.00 1 Y

203 Intro Lang & Rhet
31458 PI LEC 001 MW 10-1130AM REMOTE Portnow she-her, Van Zanen 3.00 8 Y

214 Intro to LGBTO+ Lit
35439 PI REC 001 MW 1-230PM REMOTE Ensor 3.00 2 Y

Trans&Queer Contemp Poetry

215 Intro to Women & Lit
33620 PI LEC 001 MW 1130-1PM REMOTE Zemgulis 3.00 8 Y

Into the World

221 Lit&Wrtg Out Classrm
33621 PI REC 003 TH 4-7PM REMOTE Walker 3.00 22 Y

223 Creative Writing
12671 PI REC 001 TTH 10-1130AM REMOTE Majeski 3.00 1 Y
12675 PI REC 006 W 6-9PM REMOTE Atshar 7 Y
12676 PI REC 007 MW 4-530PM REMOTE Greer 1 Y
17370 PI REC 008 MW 1-230PM REMOTE McDaniel 2 Y
12678 PI REC 010 TTH 830-10AM REMOTE Schutz 1 Y
12679 PI REC 011 TH 1130-1PM REMOTE John 1 Y
12680 PI REC 012 TH 530-7PM REMOTE Christian 7 Y
12681 PI REC 013 TTH 1-230PM REMOTE Bode 10 Y
12682 PI REC 014 MW 10-1130AM REMOTE Dobson 2 Y

225 Acad Argumentation
23922 PI REC 003 TTH 230-4PM REMOTE Delp 4.00 11 Y
17371 PI REC 006 MW 830-10AM REMOTE Schutz 12 Y
12685 PI REC 005 MW 1-230PM REMOTE Wheeler 5 Y

*RhetoricsoftheHolocaust*
12686 PDR REC 008 TTH 1130-1PM REMOTE Taylor III 4 Y

This section is reserved for CSP students during the early registration period. Any undergraduate student may join the waitlist once the section is closed. On 12/04/2020 any remaining available seats will be released for any undergraduates who wish to register. Students who are still on the waitlist as of the first day of classes should
email the instructor or GSI of their desire to enroll in the course. Due to social distancing restrictions, students should not attend a section for which they are not enrolled. If an override is granted, students will receive an email notification so they may register for the course prior to the stated expiration date.

15 seats reserved for any CSP students,
3 seats reserved for any undergraduate students

### 12687 PDR REC 009 TTH 1-230PM REMOTE Taylor III
Writing in Academic Disciplines

This section is reserved for CSP students during the early registration period. Any undergraduate student may join the waitlist once the section is closed. On 12/04/2020 any remaining available seats will be released for any undergraduates who wish to register. Students who are still on the waitlist as of the first day of classes should email the instructor or GSI of their desire to enroll in the course. Due to social distancing restrictions, students should not attend a section for which they are not enrolled. If an override is granted, students will receive an email notification so they may register for the course prior to the stated expiration date.

15 seats reserved for any CSP students,
3 seats reserved for any undergraduate students

### 12688 PIR REC 002 MW 1-230PM REMOTE Soberano

Tracking the Detective Story

CAMPUSFICTIONS-AGE OF REBELLION

<p>| U of M Open Classes Only Schedule of Classes | Page 138 of 359 | WN 2021 2320 03-03-2021 17:03 25266102 |</p>
<table>
<thead>
<tr>
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<td>Interested students should add themselves to the course waitlist and then send an unofficial transcript and writing sample of no more than 15 double-spaced pp (pdf or word document) to Professor Hinken at <a href="mailto:hinkenm@umich.edu">hinkenm@umich.edu</a>. To receive priority consideration, students should submit these materials by 5pm on December 6. After this deadline, acceptance to the course will be on a case-by-case basis until the course is full.</td>
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Note: Students who register for EARTH 118 must also be enrolled in EARTH 119. Students who register for EARTH 218 must also be enrolled in EARTH 219.
To enroll in the Intro Environmental Science Lab, enroll in any section of EARTH 218. Students are strongly encouraged to enroll in both EARTH 219 and 218.

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Contact the Dept of Earth and Environmental Sciences to request permission to enroll in this course: MichiganEarth@umich.edu.
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Ecology & Evolutionary Biology

Ecology and Evolutionary Biology (EEB) Open Sections

--FOR ADDITIONAL COURSES, PLEASE CHECK THE LISTINGS UNDER BIOLOGY AND MCDB (MOLECULAR, CELLULAR AND DEVELOPMENTAL BIOLOGY).

300 Undergrad Research 1.00-3.00 ADVISORY
   I IND + ARR ARR 25 N

301 Active Learning Asst 2.00 ADVISORY
   I IND + ARR ARR 18 N

302 Teach Exper Undergr 1.00-3.00
   I IND + ARR ARR 24 N

372 Ecology Laboratory 3.00 ADVISORY 70.00
   33839 PI LAB 002 T 8-12PM REMOTE Lourika
   33822 AI DIS 001 F 10-12PM REMOTE Nowicki

Please note that EEB 372 will NOT be an ULWR course in Winter 2021. Discussion will be synchronous.

390 Evolution 3.00 ADVISORY
   12368 PI DIS 002 M 9-11AM REMOTE Wadleigh 3 Y
   12371 PI DIS 003 W 9-11AM REMOTE Wadleigh 2 Y
   17101 PI DIS 005 W 3-5PM REMOTE Auteri 2 Y

DISCUSSION SECTIONS BEGIN THE WEEK OF JANUARY 25.
   12367 AI LEC 001 T 3-4PM REMOTE Winger

391 Advanced Research 1.00-3.00 ADVISORY
   I IND + ARR ARR 25 N

401 Advanced Topics 1.00 ADVISORY
   36446 PI LEC 001 F 1-230PM REMOTE Badgley 1 Y

Mountains, Climate, & Biodiversity
Course components will be synchronous. Advisory prerequisites for EEB 401.001: A college-level course in Evolutionary Biology and in General Ecology. Office hours: Thursday 10-11, or by appointment (cbadgley@umich.edu), online. Course textbook: Mountains, Climate, and Biodiversity, edited by Hoorn, Perrigo, and Antonelli (2018, Wiley). Assigned chapters and other articles are posted as PDF files on the Canvas website.

410 EEB Capstone Seminar 3.00 ADVISORY, ENFORCED
   28330 PIR SEM 001 TTH 230-4PM REMOTE Rabosky, Mills, Kondrashov 15 Y

Registration will be permitted for graduating seniors in EEB only.

413 Evol Found of Med 3.00 ADVISORY, ENFORCED
   29261 PIR LEC 001 TTH 4-530PM REMOTE Kondrashov 21 Y

Students can ask the instructor for permission if they do not have all of the enforced prerequisites.

450 Amphib & Reptiles 4.00 ADVISORY 171.00
   33841 PI LAB 002 T 1-4PM REMOTE Crowell, Davis Rabosky 13 Y
   33825 SI LEC 001 TTH 10-1130AM REMOTE Davis Rabosky 5 Y

The course will be asynchronous with weekly recorded lectures, readings, and online quizzes.

487 Ecol of Fishes 3.00-4.00 ADVISORY
   22680 P LEC 001 MWF 10-11AM REMOTE Alofs 24 Y
   22682 A LAB 002 W 2-5PM REMOTE Alofs, Jackson 24 Y

491 Phylogenetic Methods 4.00 ADVISORY
   33842 PI LAB 002 ARR REMOTE Smith 13 Y
   33826 SI LEC 001 W 1130-230PM REMOTE Smith 8 Y

494 Teach Col Science 2.00 ADVISORY
   22604 PI LEC 001 TTH 11-12PM REMOTE Kurzdien 8 Y

499 Research Ethics-Bio 1.00 ADVISORY
   24920 PI SEM 001 F 2-4PM REMOTE Jakob 13 Y

The first meeting of MCDB/EEB 499 will be held on January 22, 2021.

516 Princ Evolution 4.00 ADVISORY
   18610 PI LEC 001 MW 230-4PM REMOTE Rabosky 5 Y

523 Crit Perspect in Sci 3.00
   37197 PI SEM 001 MW 4-530PM REMOTE DuBay 4 N

700 Advanced Studies 1.00-8.00 ADVISORY
   I IND + ARR ARR 24 N
   730 Advanced Studies 1.00-8.00 ADVISORY
   I IND + ARR ARR 24 N
   790 Masters Thesis 1.00-8.00 ADVISORY
   I IND + ARR ARR 22 N

801 Supervised Teaching 1.00 ADVISORY
   12389 PI SEM 001 T 530-730PM REMOTE Clark 14 Y

Enrollment is for new Program in Biology GSIs only.

990 Diss-Pre cand 1.00-8.00 ADVISORY
   IND + ARR ARR 24 N

995 Diss-Cand 8.00 ENFORCED
   R IND + ARR ARR 24 N
## Economics Department

**Economics (ECON) Open Sections**

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### 101 Principles Econ I

- **29178** P DIS 103 T 830-10AM REMOTE Cevallos Fujiy 1 Y
- **12553** A LEC 100 MW 10-1130AM REMOTE Stevenson

Students will be auto-enrolled in Section 100 when they elect Sections 101-111.

### 102 Principles Econ II

- **12590** A LEC 100 ARR REMOTE Cho

Students will be auto-enrolled in section 100 when they elect sections 101-111. Midterm Exam Dates: 6-8 PM, EST on 02/23, 03/24, and 04/23.

Note: The weekly lectures for this course will be recorded and made available asynchronously. We will also have weekly discussion sessions that require synchronous participation.

### 108 Intro Micro Wkshp

- **21330** PIR SEM 001 F 9-10AM REMOTE Proulx 3 N

This class requires concurrent enrollment in Econ 101. Students must enroll in Econ 101 to elect Econ 108. If at any time Econ 101 is dropped, the student will also be withdrawn from Econ 108.

### 208 Inter Micro Workshop

- **25798** P SEM 001 F 1-230PM REMOTE Dudley 55 Y

Economics at Work

### 251 Intr Stats&Metric II

- **23633** P DIS 102 F 1-2PM REMOTE Hambardzumyan 1 Y
- **23631** A R LEC 100 MW 4-530PM REMOTE Sedo

If you have already taken Stats 206 and received a C- or better you will need an override for this course. Please email Olga Mustata at omustata@umich.edu to ask for an override. Please do not send the email sooner than 24 hours before your registration starts. Stats 206 and ECON 251 cannot be taken concurrently.

### 310 Money & Banking

- **30926** P DIS 001 TTH 830-10AM REMOTE Proulx 12 Y

This course will hold evening exams on: Mon Feb 8, 7-9pm; Mon Mar 1, 7-9pm; Mon Mar 22, 7-9pm and then Tue Apr 27, 4-6pm. Exams must be taken at the assigned dates and times.

### 396 Topics in Macroecon

- **33563** P R LEC 001 T 3-4PM REMOTE Proulx 56 Y

### 401 Intermed Micro Thry

- **12605** PIR DIS 002 F 10-1130AM REMOTE Proulx 3 N

This course will hold evening exams on: Mon Feb 8, 7-9pm; Mon Mar 1, 7-9pm; Mon Mar 22, 7-9pm and then Tue Apr 27, 4-6pm. Exams must be taken at the assigned dates and times.
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Students will be auto-enrolled in section 001 when they select section 002-003.

Students must apply for enrollment. Application available on Econ Dept website.

Gender and the Labor Market

Students must apply for enrollment. Application available on Econ Dept website.

How Tax Policy Affects the Eco
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Exhibit Museum

Museum Methods (MUSMETH) Open Sections

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U of M Open Classes Only Schedule of Classes
## Film, Television, and Media

### Film, Television, and Media (FTVM) Open Sections

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*U of M Open Classes Only Schedule of Classes Page 151 of 359 WN 2021 2320 03-03-2021 17:03 25266102*
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Germanic Languages & Lit Dept

Dutch (DUTCH) Open Sections

112 2nd Spec Speak&Read 4.00 ADVISORY
12547 P REC 001 MTWTH 10-11AM REMOTE Vicca 6 Y
232 Second Year Dutch 4.00 ADVISORY
12548 P REC 001 MTWTH 10-11AM REMOTE Toebosch 3 Y
512 2nd Spec Speak&Read 4.00 ADVISORY
12550 P REC 001 MTWTH 10-11AM REMOTE Vicca 6 Y
532 Second Year Dutch 4.00 ADVISORY
12551 P REC 001 MTWTH 10-11AM REMOTE Toebosch 3 Y

German (GERMAN) Open Sections

101 Elementary 4.00 ADVISORY
12752 PI REC 001 MTWTH 10-11AM REMOTE Amesquita 9 Y
12753 PI REC 003 MTWTH 12-1PM REMOTE Sokol 5 Y
12754 PI REC 004 MTWTH 1-2PM REMOTE Williamson 4 Y
24198 PI REC 006 MTWTH 4-5PM REMOTE Rastalsky 9 Y
102 Elementary 4.00 ADVISORY
15451 PI REC 003 MTWTH 1-2PM REMOTE Keener 1 Y
15452 PI REC 004 TTH 7-9PM REMOTE McNeil 3 Y

The course instructor will work around evening exam conflicts in other classes--email gds.ugrad@umich.edu for an override.

24204 PI REC 007 MTWTH 2-3PM REMOTE O'Donnell 2 Y
19034 PI REC 001 TWTHF 9-10AM REMOTE Dabak 15 Y

meets with GERMAN 512.001

128 1st Year Yiddish II 4.00 ADVISORY
29277 PD REC 001 W 2-4PM REMOTE 4 Y
128 1st Year Yiddish II 4.00 ADVISORY
P REC 001 T 130-230PM REMOTE Luchina 4 Y
P REC 001 M 10-11AM REMOTE Luchina 4 Y
228 2nd Year Yiddish II 4.00 ADVISORY
29279 PD REC 001 T 3-5PM REMOTE 7 Y
228 2nd Year Yiddish II 4.00 ADVISORY
P REC 001 M 4-5PM REMOTE Luchina 7 Y

230 Intens 2nd Yr Ger 8.00 ADVISORY
35274 P DIS 002 MTTHF 11-12PM REMOTE Cribari-Assali 10 Y
35267 P DIS 001 MTTHF 9-10AM REMOTE Cribari-Assali 10 Y

231 Second-Year 4.00 ADVISORY
12755 PI REC 001 MTWTH 10-11AM REMOTE Irwin 3 Y
19099 PI REC 002 TWTHF 12-1PM REMOTE Desocio 2 Y
12756 PI REC 003 MTWTH 1-2PM REMOTE Marquardt 2 Y
21837 PI REC 004 MTWTH 9-10AM REMOTE Irwin 5 Y
35291 PI REC 005 TTH 7-9PM REMOTE Okkema, Irwin 7 Y

The course instructor will work around evening exam conflicts in other classes--email gds.ugrad@umich.edu for an override.

232 Second-Year 4.00 ADVISORY
19096 PI REC 001 TWTHF 10-11AM REMOTE Dabak 4 Y

Environment and Sustainability
12757 PI REC 002 TWTHF 11-12PM REMOTE Swennes 5 Y

Scientific German
17583 PI REC 006 TTH 7-9PM REMOTE Grzeskowiak 8 Y

News & Media in the Germ-Spk Wrl
The course instructor will work around evening exam conflicts in other classes--email gds.ugrad@umich.edu for an override.

24199 PI REC 007 MTWTH 2-3PM REMOTE Gell 2 Y

German Comics & Graphic Novels

234 German Grammar 1.00 ADVISORY
29197 PI REC 001 F 11-12PM REMOTE Dabak 1 Y

300 Towards Fluency 4.00 ADVISORY
17781 PI REC 001 MTWTH 10-11AM REMOTE Gell 1 Y
35296 PI REC 002 TWTHF 9-10AM REMOTE Swennes 3 Y

303 Ger Cult & Arts 3.00-4.00 REMOTE
30915 P SEM 001 MW 230-4PM REMOTE Amrine 26 Y

Faust Uncensored
meets with RCHUMS 334.012
31173 P SEM 002 TTH 10-1130AM REMOTE Hell 6 Y

The Fall of the Berlin Wall
39773 P SEM 004 MW 230-4PM REMOTE Toman 24 Y

Czech, German Jewish
meets with SLAVIC 225.001 and JUDAIC 218.001
304 Studies Germ Culture 1.00 ADVISORY
36329 P SEM 001 ARR REMOTE Amrine 36 Y

Rudolf Steiner
Meets asynchronously 2nd 7 wks: 3/9-4/21
306 Conversation 1.00 ADVISORY
12761 PI REC 001 F 2-3PM REMOTE Swennes 2 Y
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Scandinavian (SCAND) Open Sections
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History Department

History (HISTORY) Open Sections

--IT IS CRITICAL THAT STUDENTS ATTEND CLASSES FROM THE BEGINNING OF THE TERM. EVEN THOUGH STUDENTS MAY BE REGISTERED OFFICIALLY FOR A COURSE, THE DEPARTMENT MAY GIVE AWAY PLACES IN A COURSE IF STUDENTS DO NOT ATTEND THE FIRST TWO COURSE MEETINGS.

--ALL STUDENTS MUST TAKE ACTION THROUGH THE REGISTRATION PROCESS TO MAKE SURE THAT THEIR OFFICIAL COURSE SCHEDULES MATCH THE COURSES THEY ARE ATTENDING.

--100 THRU 500 LEVEL 4 CREDIT HOUR COURSES ARE 4 CREDIT HOURS FOR UNDERGRADUATES ONLY.

--SURVEY AND INTRODUCTORY COURSES ARE FOR FRESHMEN AND SOPHOMORES.

--SURVEY COURSES REQUIRE BOTH LECTURE AND DISCUSSION SECTIONS. DISCUSSION SECTIONS DO NOT MEET UNTIL AFTER FIRST LECTURE.

102 History of Present 4.00
30483 P DIS 005 F 12-1PM REMOTE Mace 1 Y
30480 A LEC 001 TTH 10-1130AM REMOTE Kivelson, Spector

Remote with a blend of synchronous and asynchronous instruction.

195 Writing of History 4.00
22546 P REC 002 TTH 1-230PM REMOTE Patterson 1 Y

Med Attitude Toward Nat World

197 First Yr HU Seminar 3.00 ADVISORY
Unless otherwise noted, all sections will be remote with synchronous instruction.

27326 P R SEM 001 TTH 10-1130AM REMOTE de Pee 11 Y
Travels Thru the Chinese Past

30478 P R SEM 002 T 3-6PM REMOTE Marwil 2 Y
Holocaust Documentary Films

30479 P R SEM 003 TTH 530-7PM REMOTE Mills 6 Y
Journeys and Stories

Remote with a blend of synchronous and asynchronous instruction.

201 Rome 4.00
27332 P DIS 003 TH 10-11AM REMOTE Kendall 2 Y
27333 P DIS 004 TH 12-1PM REMOTE Sharir 3 Y
27334 P DIS 005 TH 12-1PM REMOTE Kendall 7 Y
36628 P DIS 006 TH 1-2PM REMOTE Sharir 5 Y
30500 P DIS 007 TH 2-3PM REMOTE Kendall 3 Y
27330 A LEC 001 MW 4-530PM REMOTE Dewitt

Remote with a blend of synchronous and asynchronous instruction.

202 Doing History 3.00
All sections of 202 are remote with synchronous instruction unless otherwise noted. History Majors should email Sheila (shellaw) for seat availability.

22546 P R SEM 001 TTH 1130-1PM REMOTE Bailinger 6 Y
22547 P R SEM 002 TTH 1-230PM REMOTE Wrobleski 1 Y
Remote with a blend of synchronous and asynchronous instruction.

205 Modern East Asia 4.00
12788 P DIS 004 W 3-4PM REMOTE Xu 2 Y
30484 P R SEM 004 MW 10-1130AM REMOTE Cipa 2 Y
30480 A LEC 001 MW 10-1130AM REMOTE Cassel

Remote with a blend of synchronous and asynchronous instruction.

211 Later Med Europe 4.00
33266 P DIS 003 T 1-2PM REMOTE Espinosa II 2 Y
33267 P DIS 004 T 3-4PM REMOTE Espinosa II 2 Y
33264 A LEC 001 MW 10-1130AM REMOTE Fancy
Remote with a blend of synchronous and asynchronous instruction.

22 Sexuality Jewish His 3.00
34607 P DIS 001 TTH 830-10AM REMOTE Nels 8 Y

Remote with a blend of synchronous and asynchronous instruction.

230 Topics in History/HU 3.00 4.00
30508 P LEC 001 TTH 1-230PM REMOTE Akiboh 2 Y
The U.S. & the Pacific World
Remote with a blend of synchronous and asynchronous instruction.

30509 P LEC 002 TTH 830-10AM REMOTE Peterson 14 Y
Vida Amin in Uganda
Remote with synchronous instruction.

30819 P DIS 011 T 4-5PM REMOTE Zhang 2 Y
30684 A LEC 010 TTH 230-4PM REMOTE Tonomura
30684 A LEC 007 TTH 10-1130AM REMOTE Knysz
Islam in History
Remote with synchronous instruction.

30509 P LEC 002 TTH 830-10AM REMOTE Peterson 14 Y
30819 P DIS 011 T 4-5PM REMOTE Zhang 2 Y
30684 A LEC 010 TTH 230-4PM REMOTE Tonomura
30684 A LEC 007 TTH 10-1130AM REMOTE Knysz

This course will be remote with synchronous instruction. Students are expected to be available during scheduled
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Remote with a blend of synchronous and asynchronous instruction.

240 The World Since 1492 4.00

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Remote with a blend of synchronous and asynchronous instruction.

244 Arab-Israeli Conflict 4.00

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Remote with a blend of synchronous and asynchronous instruction.

247 Modern Africa 4.00

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Remote with synchronous instruction.

254 Europe, 1648-Present 3.00

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Remote with synchronous instruction.

261 U S 1865-Present 4.00

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Remote with a blend of synchronous and asynchronous instruction.

265 Minds & Brains in US 4.00

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Remote with a blend of synchronous and asynchronous instruction.

269 Intro to Talmud 3.00

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Remote with a blend of synchronous and asynchronous instruction.

285 Sci Tech Med &Socity 4.00

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Remote with a blend of synchronous and asynchronous instruction.

307 Ottoman History II 3.00

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Remote with a blend of synchronous and asynchronous instruction.

Students can access lectures synchronously or by listening at any convenient time to a recording after each lecture is over (asynchronously).  Students can combine these modes to fit their individual schedules.
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| 33312 | P DIS 004 TH 12-1PM REMOTE      | Heydari |       |         | 9  | Y  
| 33309 | A LEC 001 MW 4-530PM REMOTE     | Cole   |       |         |       |    

Remote with a blend of synchronous and asynchronous instruction.

319 Europe Since 1945 4.00
30547 P DIS 002 W 12-1PM REMOTE Glauser 1 Y
30548 P DIS 003 W 1-2PM REMOTE Glauser 2 Y
30546 A LEC 001 MW 10-1130AM REMOTE Folland 1 Y

321 Britain Since 1945 3.00
24780 PL EOC 001 M 10-1PM REMOTE Israel 3 Y

Britain: Film Fiction & Auto Bio
Remote with synchronous instruction.

322 Origins Of Nazism 4.00
23837 P DIS 002 TH 1-2PM REMOTE Wunderlich 2 Y
23838 P DIS 003 TH 1-2PM REMOTE Newhouse 5 Y
23839 P DIS 004 TH 2-3PM REMOTE Newhouse 7 Y
23840 P DIS 005 TH 3-4PM REMOTE Shahollari 12 Y
23841 P DIS 006 F 10-11AM REMOTE Wunderlich 14 Y
23842 P DIS 007 F 11-12PM REMOTE Shahollari 8 Y
36386 P DIS 009 F 12-1PM REMOTE Wunderlich 12 Y
23836 A LEC 001 TTH 1130-1PM REMOTE Spector, Thurman 1 Y

Remote with synchronous instruction.

325 Islam in South Asia 4.00
30633 P DIS 002 T 1-2PM REMOTE Breckenridge 9 Y
31935 P DIS 004 W 11-12PM REMOTE Breckenridge 8 Y
30632 A LEC 001 TTH 11-12PM REMOTE Mir 1 Y

Remote with synchronous instruction.

326 Italy: 1815-Present 3.00
33773 P DIS 001 MW 11-12PM REMOTE Gaggio 16 Y

Remote with synchronous instruction.

328 HU History Topics 3.00
31956 P LEC 002 TTH 1130-1PM REMOTE Fajardo 3 Y

Race & Gender in Asian Amer Hist
Remote with synchronous instruction.

33875 P DIS 005 MW 1-230PM REMOTE Wellenber 14 Y

Remote with synchronous instruction.

33874 P DIS 003 T 1-2PM REMOTE Wunderlich 2 Y
30632 A LEC 001 TTH 11-12PM REMOTE Mir 1 Y

Remote with synchronous instruction.

337 Black Women U.S. II 3.00
33704 P LEC 001 TTH 10-1130AM REMOTE Simmons 1 Y

Spanish Language Section
Section 004: Spanish-only section. Students interested in taking UC 390.001 for one additional credit should speak with the GSI. Overrides for UC 390 will be issued after classes begin.

338 National Latin Amer 4.00
18934 P DIS 002 TH 10-11AM REMOTE Koutsoukos Chalhoub 2 Y
18935 P DIS 003 TH 11-12PM REMOTE Koutsoukos Chalhoub 4 Y
21243 P DIS 004 TH 230-4PM REMOTE Varela Corredor 18 Y

Remote with synchronous instruction.

339 Literature/Empire 3.00
28619 P LEC 001 MW 230-4PM REMOTE Maiorova 18 Y

Remote with synchronous instruction.

340 Imperial China 3.00
24781 P LEC 001 MW 4-530PM REMOTE Chang 15 Y

Remote with synchronous instruction.

341 African Hist Topics 3.00
33775 P LEC 001 MW 1130-1PM REMOTE Jimenez 22 Y

Modern South Africa
This course will be remote with a blend of synchronous and asynchronous instruction. Students are expected to be available during scheduled class times.

358 Religion Magic Mystery 4.00
34944 P DIS 002 TH 1-2PM REMOTE Crummey 11 Y
34945 P DIS 003 TH 2-3PM REMOTE Crummey 19 Y
34943 A LEC 001 MW 4-530PM REMOTE Moyer 1 Y

Remote with a blend of synchronous and asynchronous instruction.

364 Antisemitism 3.00
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Unless otherwise noted, all sections of 496 are remote and synchronous. Initial seats are open to History Junior and Senior Majors. Non-History junior and senior majors should email Sheila (sheilaw) after December 3 for availability.
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## History of Art Department

### History of Art (HISTART) Open Sections

**NOTE - HISTORY OF ART DISCUSSION SECTIONS DO NOT MEET THE FIRST WEEK OF CLASSES.**

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U of M Open Classes Only Schedule of Classes    Page 162 of 359    WN 2021 2320 03-03-2021 17:03 25266102
Honors Program

College Honors (HONORS) Open Sections

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**First Yr Experience**
- **Class #**: 37319
- **CODE**: PIR
- **CMP**: SEM
- **SEC**: 001
- **DAYS**: W
- **TIME**: 3-5PM
- **LOCATION**: REMOTE
- **INSTRUCTOR**: Navig

This section meets from 1/20/21 until 3/10/21. No class on 2/24/21 due to student well-being break.

**Violent Environments**
- **Class #**: 25683
- **CODE**: P R
- **DIS**: 011
- **SEC**: M
- **DAYS**: 10-11AM
- **LOCATION**: REMOTE
- **INSTRUCTOR**: Wilder, Adunbi

Students are auto-enrolled in lecture 010 when they elect one of discussions 011-012. Please do not contact the instructor about permission to add. Honors is managing all enrollment details.

**Violent Environments**
- **Class #**: 25684
- **CODE**: P R
- **DIS**: 012
- **SEC**: M
- **DAYS**: 11-12PM
- **LOCATION**: REMOTE
- **INSTRUCTOR**: Wilder, Adunbi

Students are auto-enrolled in lecture 010 when they elect one of discussions 011-012. Please do not contact the instructor about permission to add. Honors is managing all enrollment details.

**Reading the Quran**
- **Class #**: 34643
- **CODE**: A LEC
- **DIS**: 002
- **SEC**: TH
- **DAYS**: 10-11AM
- **LOCATION**: REMOTE
- **INSTRUCTOR**: Farshi, Mallette

Students are auto-enrolled in lecture 001 when they elect one of discussions 002-003. AS A COMPONENT OF THE LECTURE, STUDENTS WILL BE REQUIRED TO ATTEND A CERTAIN NUMBER OF SYNCHRONOUS WEEKLY DISCUSSION SESSIONS ON TUESDAYS FROM 10 - 11AM. PLEASE ENSURE YOU WILL BE AVAILABLE DURING THIS TIME.

**Violent Environments**
- **Class #**: 33717
- **CODE**: A LEC
- **DIS**: 001
- **SEC**: ARR
- **LOCATION**: REMOTE
- **INSTRUCTOR**: Mallette

Students are auto-enrolled in lecture 001 when they elect one of discussions 002-003. AS A COMPONENT OF THE LECTURE, STUDENTS WILL BE REQUIRED TO ATTEND A CERTAIN NUMBER OF SYNCHRONOUS WEEKLY DISCUSSION SESSIONS ON TUESDAYS FROM 10 - 11AM. PLEASE ENSURE YOU WILL BE AVAILABLE DURING THIS TIME.

**Violent Environments**
- **Class #**: 291
- **CODE**: A LEC
- **DIS**: 001
- **SEC**: MW
- **DAYS**: 10-11:30AM
- **LOCATION**: 3230 USB
- **INSTRUCTOR**: Olsen

Students are auto-enrolled in lecture 001 when they elect one of discussions 002-007. PLEASE NOTE: THE LECTURE FORMAT IS ONLINE. ROOM IS FOR INSTRUCTOR ONLY.

**Violent Environments**
- **Class #**: 390
- **CODE**: Arr
- **DIS**: 001
- **SEC**: ARR
- **DAYS**: ARR
- **LOCATION**: ARR
- **INSTRUCTOR**: Arr

Students are auto-enrolled in lecture 001 when they elect one of discussions 002-007. PLEASE NOTE: THE LECTURE FORMAT IS ONLINE. ROOM IS FOR INSTRUCTOR ONLY.
## Humanities Institute

### Institute For The Humanities (INSTHUM) Open Sections

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### International Institute

#### International and Regional Studies (INTLRGN) Open Sections

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Judaic Studies Program

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Lost Books that Rewrote the Bible

Meets with History 230.020 and Mideast 291.004.

218 HU Topics in Judaism

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Arts/Cultures Central Europe

Meets with Slavic 225

218 HU Topics in Judaism

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Arab-Israeli Conflict

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Remote with a blend of synchronous and asynchronous instruction.

230 The Mediterranean

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Exp Lng in Judaic Israeli Cinema

Meets with Mideast 290.002

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Topic Judaic Studies

Queer Israel

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HU Topics in Judaism

Jerusalem: OneCity ThreeFaiths

Meets with History 328.004

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Men of the Bible

Meets with History 328.005

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The Origins of Nazism

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The Origins of Nazism

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Yiddish (YIDDISH) Open Sections

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Lectures and sections are synchronous. Lecture recordings will be available for asynchronous viewing.

Archaeology and the Bible

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<td>This class will meet virtually from 3-5 pm EST on the following dates: Saturday, February 20, Saturday, March 13, Saturday, March 27, and Saturday, April 17. *On Saturday, January 30 &amp; Sunday, January 31 Rising Peer Facilitators will attend a mandatory virtual retreat from 2-5 pm EST.</td>
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270 ALA Topics 1.00-3.00 ENFORCED
34975 PIR LEC 002 W 3-5PM REMOTE Hicks (she/her/hers) 7 N
36230 P R LEC 003 TTH 4-5PM REMOTE Marks 10 N
36800 P R LEC 006 MW 1-230PM REMOTE Modey 12 N
36799 P R LEC 007 MW 230-4PM REMOTE Schumann 7 N
Music & Meaning in our Lives
290 Public Speaking
31328 AI LEC 001 ARR REMOTE Moshin
301 Tours of the Past
27804 P LEC 001 T 3-4PM REMOTE Gibelyou 7 Y
36230 P R LEC 003 TTH 4-5PM REMOTE Marks 10 N
36800 P R LEC 006 MW 1-230PM REMOTE Modey 12 N
36799 P R LEC 007 MW 230-4PM REMOTE Schumann 7 N
Intergroup Dialog Facilitation
28862 PI SEM 001 ARR ARR Hwang (he-him-his) Slosberg (she-hers) 3 N
This Class will meet on the following dates: Retreat Jan 22, 23, 24 Classes: Jan 27, Feb 3, 10, and 17. Class on
Wednesdays from 2-30-4:30 pm: Jan 27, Feb 3, 10, and 17.
34989 PI SEM 002 ARR ARR Schoem (she-her) 2 N
This Class will meet on the following dates: Retreat Jan 22, 23, 24 Classes: Jan 27, Feb 3, 10, and 17. Class on
Wednesdays from 2-30-4:30 pm: Jan 27, Feb 3, 10, and 17.
321 Dialog Prac
34991 PI SEM 001 M 2-5PM REMOTE Hicks (she/her/hers) 6 N
28863 PI SEM 002 M 2-5PM REMOTE Crider 5 N
322 Advanced IGR Prac
28864 PI LAB 001 ARR ARR Hicks (she/her/hers) 25 N
323 IGR Directed Study
29259 P R REC 001 M 530-730PM REMOTE Silbert 15 N
29260 P R REC 002 TH 530-730PM REMOTE Silbert 29 N
370 ALA Topics 3.00 ENFORCED
35444 P R LEC 001 MW 1-230PM REMOTE Finn 1 N
Measure of Our Meals
421 Creat Inclusive Comm
21024 PI SEM 001 ARR ARR Gurin 19 N
429 IGR Capstone
30754 PI SEM 001 TTH 12-130PM REMOTE Kaplowitz (she-her/hers) 14 N
471 LeadComm Building
25883 PI SEM 001 TTH 3-5PM REMOTE Gurin 23 N
This class will meet in Couzens 1417.
472 Adv Lead Facil Comm
25884 PI SEM 001 T 3-5PM REMOTE Gurin 7 N
University Courses (UC) Open Sections
101 Sea Pwr&Mar Affairs 2.00
17292 P LEC 001 MW 830-930AM REMOTE Nguyen 9 N
17293 P LEC 002 MW 1-2PM REMOTE Nguyen 10 N
17294 A LAB 003 W 530-730AM REMOTE Nguyen 11 N
110 Intr to Info Studies 4.00
17494 P DIS 002 W 1-2PM REMOTE Wallace, Song 6 Y
17495 P DIS 003 W 1-2PM REMOTE Wallace, Tyler 2 Y
20663 P DIS 004 W 2-3PM REMOTE Wallace, Lee 2 Y
20664 P DIS 005 W 2-3PM REMOTE Wallace, Song 3 Y
23282 P DIS 008 W 4-5PM REMOTE Wallace, Lee 3 Y
28386 P DIS 010 TH 9-10AM REMOTE Wallace, Tao 2 Y
17493 A LEC 001 MW 1130-1PM REMOTE Wallace 12 N
151 1st Yr Soc Sci Sem 3.00 ADVISORY
32294 P R SEM 001 TTH 10-1130AM REMOTE Joiner 2 Y
Healthcare Privilege&Community
This class will meet in West Quad G027.
202 Tm&Ldrshp Basic II 1.00 ADVISORY
29903 P LEC 001 TH 11-12PM REMOTE Penny 11 N
Students participating in Air Force ROTC need to register for the lab section. Please contact the department at
734-764-2403 with questions.
29904 P LEC 002 F 9-10AM REMOTE Penny 1 N
Students participating in Air Force ROTC need to register for the lab section. Please contact the department at
734-764-2403 with questions.
29905 S LAB 003 TH 4-6PM AUD 3 MLB
Students participating in Air Force ROTC need to register for the lab section. Please contact the department at
734-764-2403 with questions.
204 Leadership Environments 1.00 ADVISORY
19025 P LEC 001 TH 8-10AM REMOTE Castillo, Moreno 8 N
19027 A LAB 003 TH 4-6PM ARR Castillo, Moreno 9 N
302 Lead Small Org II 2.00 ADVISORY, ENFORCED
18981 P R LEC 001 T 8-10AM REMOTE Moreno, Castillo 9 N
19821 A R LAB 003 TH 4-6PM ARR Moreno, Castillo 9 N
310 Fund Man War 3.00
34826 P LEC 001 TTH 230-4PM REMOTE Kantaris 9 N
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U of M Open Classes Only Schedule of Classes
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# LSA II: Islamic Studies Program

## Islamic Studies (ISLAM) Open Sections

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Remote with synchronous instruction.

Remote with a blend of synchronous and asynchronous instruction.
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#### Latin American And Caribbean Studies (LACS) Open Sections

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Class will be held in the Language Resource Center in North Quad.
### LSA II: Middle Eastern & North African Studies

**Middle Eastern And North African Studies (MENAS) Open Sections**

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LSA II: South East Asian Studies
Southeast Asian Studies (SEAS) Open Sections

Environmental Crises SE Asia

SE Asian MA Essay
## LSA Quantitative Methods in the Social Sciences

**Quantitative Methods in the Social Sciences (QMSS) Open Sections**

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**Lloyd Scholars for Writing and the Arts (LSWA) Open Sections**

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# Department of Linguistics

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Mathematics Department
Mathematics (MATH) Open Sections

---MATH DEPARTMENT POLICY REQUIRES THAT STUDENTS ATTEND BOTH OF THE FIRST TWO CLASS MEETINGS (OR NOTIFY THE INSTRUCTOR IN ADVANCE OF THEIR ABSENCE) OR THEY MAY BE DROPPED FROM THE CLASS.
---ALL STUDENTS MUST TAKE ACTION THROUGH THE REGISTRATION SYSTEM TO MAKE SURE THAT THEIR OFFICIAL SCHEDULE OF COURSES MATCHES THE COURSES THEY ARE ATTENDING.
---MATH DEPARTMENT POLICY LIMITS STUDENTS TO A MAXIMUM OF 4 CREDITS FOR COURSES NUMBERED BELOW 112.

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Middle East Studies Department

Arabic Language (ARABIC) Open Sections

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Hebrew Language (HEBREU) Open Sections

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Middle East Languages (MELANG) Open Sections

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### Middle East Studies (MIDEAST) Open Sections

- **Islam in History**
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  - Prereq: 
  - Location: REMOTE
  - Open Seats: 5
  - WL: Y
  - Meets with HISTORY 230.008 (DIS - 5 seats)
  - Meets with HISTORY 230.007 (LEC - 10 seats)

- **Int New Tsmttn**
  - CR: 4.00
  - Prereq: 
  - Location: REMOTE
  - Open Seats: 6
  - WL: Y

- **Myth Ancient M East**
  - CR: 3.00
  - Prereq: 
  - Location: REMOTE
  - Open Seats: 28
  - WL: Y

- **Jews in Modern World**
  - CR: 4.00
  - Prereq: 
  - Location: REMOTE
  - Open Seats: 5
  - WL: Y

- **Arab-Israeli Conflict**
  - CR: 4.00
  - Prereq: 
  - Location: REMOTE
  - Open Seats: 1
  - WL: Y

- **Topics in MESS**
  - CR: 3.00
  - Prereq: 
  - Location: REMOTE
  - Open Seats: 5
  - WL: Y

- **HU Topics in MESS**
  - CR: 3.00
  - Prereq: 
  - Location: REMOTE
  - Open Seats: 18
  - WL: Y

- **Sem in MidEast Stds**
  - CR: 3.00
  - Prereq: 
  - Location: REMOTE
  - Open Seats: 7
  - WL: Y

- **Intro Arab Culture**
  - CR: 4.00
  - Prereq: 
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**Persian Language (PERSIAN) Open Sections**

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*This meeting pattern will be determined in coordination with students. Please contact the instructor.*

**Turkish Language (TURKISH) Open Sections**

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Molecular, Cellular, and Developmental Biology
Molecular, Cellular and Developmental Biology (MCDB) Open Sections

--FOR ADDITIONAL COURSES, PLEASE CHECK THE LISTINGS UNDER BIOLOGY AND EEB (ECOLOGY AND EVOLUTIONARY BIOLOGY).

300  Undergrad Research
     1.00-3.00  ADVISORY

306  Genetics Laboratory
     3.00  ADVISORY, ENFORCED  80.00

Labs are closed to adding or swapping after the first week of classes. Students should contact the section
instructor to request an override. Students who are still on the waitlist as of the first day of classes should
email the instructor or GSI of their desire to enroll in the course. Due to social distancing restrictions,
students should not attend a section for which they are not enrolled. If an override is granted, students will
receive an email notification so they may register for the course prior to the stated expiration date.

19838  PIR LAB 006  T  10-1PM 3143 USB Obeid  1 Y

310  Intro Biochemistry
     4.00  ADVISORY, ENFORCED

321  Plant Physiol Lec
     3.00  ADVISORY, ENFORCED

360  Neurobio. Research
     2.00-3.00  ENFORCED

400  Advanced Research
     1.00-3.00  ADVISORY, ENFORCED

401  Advanced Topics
     3.00  ADVISORY

This course is intended for senior undergraduate students and early graduate students. Introductory lectures will
cover the basic principles of cell division regulation relevant to the papers to be discussed. A majority of the
course will be reading and evaluating primary literature related to cell division topics and in class discussions
cover the data and the interpretation.

ADVISORY PREREQUISITES FOR MCDB 401.002 INCLUDE: Genetics (BIOLOGY 305) OR Biochemistry (MCDB 310, CHEM 351, or
BIOCHEM 415)

409  Invest Exp Bacteriol
     4.00  ENFORCED

411  Protein Structure
     3.00  ENFORCED

422  Brain Development
     3.00  ENFORCED

MCDB 422 will be synchronous for the winter term.

423  Neurobiology Lab
     3.00  ADVISORY, ENFORCED 175.00

U of M Open Classes Only Schedule of Classes  Page 195 of 359  WN 2021 2320 03-03-2021 17:03 25266102
AT THE BEGINNING OF THE FIRST LAB MEETING. Students who are still on the waitlist as of the first day of classes should email the instructor or GSI of their desire to enroll in the course. Due to social distancing restrictions, students should not attend a section for which they are not enrolled. If an override is granted, students will receive an email notification so they may register for the course prior to the stated expiration date.

424  Behav Neurobio Lab 2.00 ADVISORY, ENFORCED 90.00
Haentfer, Johnson, Simons
MCDB424 will be offered as an in-person only class in Winter 2021; there is no virtual option. Students will complete the lab exercises during their registered class time. To meet COVID room capacity restrictions, each section will be split into two classrooms and specific room assignments will be shared with registered students via Canvas before the start of classes. PLACES MUST BE CLAIMED AT THE BEGINNING OF THE FIRST LAB MEETING. Students who are still on the waitlist as of the first day of classes should email the instructor or GSI of their desire to enroll in the course. Due to social distancing restrictions, students should not attend a section for which they are not enrolled. If an override is granted, students will receive an email notification so they may register for the course prior to the stated expiration date.

428  Cell Biology 4.00 ENFORCED
Chen
EVENING EXAMS WILL BE GIVEN Wed Feb 10, 6-8 pm; Mon March 8, 6-8 pm; and Mon March 29, 6-8 pm. We will administer the exams in a synchronous fashion. The lectures will also be given synchronously. Class participation is strongly encouraged and bonus points might be given for students who participate in more than 70% of lectures. We do not allow taking other courses that have overlapping lecture time with this course.

429  Cell&Molec Biol Lab 3.00 ADVISORY, ENFORCED 150.00
Archbold
The lectures for MCDB 429 will be pre-recorded and asynchronous, and the scheduled lecture time will be used foroptional office hours. Lab sections will all meet in-person at the scheduled time and date every week, and as the MCDB 429 curriculum will be project-based, students should anticipate coming into the lab occasionally outside of scheduled lab times, in a way that fits around their other scheduled commitments.

435 Intracell Traffic 3.00 ADVISORY, ENFORCED
Chang
A course in Biochemistry [MCDB 310, BIOLCHEM 415 or CHEM 351] is a prerequisite for MCDB 441.

441 Cell Bio & Disease 4.00 ADVISORY
Wang

446 Adv Neuro Research IR IND + ARR ARR 2.00-3.00 ENFORCED

461 Neuro Senior Thesis I IND + ARR ARR 1.00

463 Sens Circ & Disease 3.00 ADVISORY, ENFORCED

494 Teaching Col Science 2.00 ADVISORY
Kurzdziel

499 Research Ethics-Bio 1.00 ADVISORY
Jakob

526 Topics Cell Biology 1.00
Xu

528 Exp Cell Biology 4.00 ADVISORY
Xu

600 Topics in MCDB 1.00 ENFORCED
DeSantis, Li

700 Advanced Studies 1.00-8.00 ADVISORY

701 MCDB TAB, 01 Research 1.00

801 Supervised Teaching 1.00 ADVISORY
Clark

995 Diss-Cand 8.00 ENFORCED
### Organizational Studies

#### Organizational Studies (ORGSTUDY) Open Sections

<table>
<thead>
<tr>
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#### Cat# Course Title CR PREREQ LAB FEE

| 31475 | P R  SEM 001 MW 4-520PM REMOTE | Fein | 
| 31491 | P R  DIS 006 F 3-4PM REMOTE | Grimme | 
| 31492 | P R  DIS 007 F 4-5PM REMOTE | Grimme | 
| 31486 | A LEC 001 MW 10-1130AM REMOTE | Sweetman, Coleman, Grimm | 

#### Remarks

- The course guide indicates that this course is not counted toward the OS major, but that is incorrect. This course can be counted as a 200-level course in Cluster A, even if taken before being admitted to the OS major.
- OS/ENVIRON 208 will be held synchronously, although there will be ways to participate in lecture asynchronously via recordings and participation surveys. The discussion sections will require synchronous participation.
- OS/ENVIRON 208 will be held synchronously, although there will be ways to participate in lecture asynchronously via recordings and participation surveys. The discussion sections will require synchronous participation.
- OS/ENVIRON 208 will be held synchronously, although there will be ways to participate in lecture asynchronously via recordings and participation surveys. The discussion sections will require synchronous participation.

**Note:** Students will not get credit for this course if they have previously taken OS 495, Technological Innovation, with Steven Samford.

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# Philosophy Department

**Philosophy (PHIL) Open Sections**

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**Philosophy, Politics and Economics (PPE) Open Sections**

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Physics Department

Physics (PHYSICS) Open Sections

-- A STUDENT WHO DOES NOT ATTEND THE FIRST MEETING OF A BIOLOGY, CHEMISTRY, OR PHYSICS LABORATORY MAY BE DROPPED
FROM THE COURSE FOR NON-ATTENDANCE. ALL STUDENTS MUST TAKE ACTION THROUGH THE REGISTRATION SYSTEM TO MAKE
SURE THAT THEIR OFFICIAL SCHEDULE OF COURSES MATCHES THE COURSES THEY ARE ATTENDING.

106 Everyday Physics  3.00  25.00
13022 PI LEC 001  ARR REMOTE Chupp, Hendrus  1 Y
13023 PI LEC 002  ARR REMOTE Chupp, Hendrus  3 Y

119 Phys World  4.00  ADVISORY
31166 P REC 002  W 1-2PM REMOTE
31164 A LEC 001  TTH 1130-1PM REMOTE Spica

121 Physics Arch Design  5.00  ADVISORY  25.00
22718 PI LEC 001  MW 3-5PM REMOTE Tomaszch, Mitchell
30847 AI LAB 002  W 5-7PM REMOTE

135 Phys Life Science I  4.00  ADVISORY
21384 PI LEC 001  ARR REMOTE Lau  13 Y

Please make sure that your lab section does not conflict with an evening exam for another course.

136 Life Sciences Lab I  1.00  ADVISORY  25.00
35409 P LAB 004  M 5-7PM REMOTE Chen  2 Y
35411 P LAB 005  M 7-9PM REMOTE Chen, Amidei  4 Y
21587 P LAB 013  T 3-5PM REMOTE Birch  2 Y
21588 P LAB 014  T 5-7PM REMOTE Chen  2 Y

Please make sure that your lab section does not conflict with an evening exam for another course.

140 General Physics I  4.00  ADVISORY
21389 PI LEC 001  MTWTH 10-11AM REMOTE Popov  46 Y

Students should elect PHYSICS 141 as the corresponding lab section
32312 A MID 010  M 6-7PM REMOTE Evrard, Kerber  2 Y

Please make sure that your lab section does not conflict with an evening exam for another course.

141 Elementary Lab I  1.00  25.00
13028 PI LAB 021  W 10-12PM REMOTE Yu  1 Y
13034 PI LAB 032  TH 1-3PM REMOTE Chan  1 Y
28188 PI LAB 061  T 10-12PM REMOTE Yu  1 Y

160 Honors Physics I  4.00  ADVISORY

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Students should elect PHYSICS 161 as the corresponding LAB section.

Students should elect PHYSICS 236 as the corresponding lab.

This is the corresponding evening exam component for PHYSICS 240, section 001. Students from this section will be auto-enrolled to ensure that this time remains available in their schedules. The course will have three evening exams in the term.

Students should elect PHYSICS 236 as the corresponding lab.

This is the corresponding evening exam component for PHYSICS 240, section 002. Students from this section will be auto-enrolled to ensure that this time remains available in their schedules. The course will have three evening exams in the term.

Please make sure your lab does not conflict with an evening exam for another course.

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### Program in the Environment

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**Notes:**
- *STUDENTS ARE AUTO-ENROLLED IN LECTURE WHEN THEY ELECT A DISCUSSION.*
- Questions regarding this class should be directed to is-advising@umich.edu.
This class will be meeting once a month at a day/time that works for all students.

Remote with a blend of synchronous and asynchronous instruction.

Remote with a blend of synchronous and asynchronous instruction.

**ResearchIsraelPalest**

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Antislavery and the US

This course is open to all POLSCI upperclassmen

GermanPolit: Europe Since 1945

Political Violence in Africa

Class&ConflctSouthern Africa

This course is open to all POLSCI upperclassmen

**MIW Advanced Topics**

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STUDENTS ARE AUTO-ENROLLED IN LECTURE WHEN THEY ELECT A DISCUSSION.

**Select Topics**

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STUDENTS ARE AUTO-ENROLLED IN LECTURE WHEN THEY ELECT A DISCUSSION.
Psychology Department

Psychology (PSYCH) Open Sections

--IT IS CRITICAL THAT STUDENTS ATTEND CLASSES FROM THE BEGINNING OF THE TERM. EVEN THOUGH STUDENTS ARE REGISTERED OFFICIALLY FOR A COURSE, THE DEPARTMENT MAY REQUEST THAT THEY BE DISENROLLED IF THEY DO NOT ATTEND INITIAL CLASSES.

111 Intro to Psych 4.00
31512 PIR DIS 008 F 8-9AM REMOTE Liu 3 Y
All sections meet from the 1st day of class, even if they occur before the 1st lecture.
Psych 111-008 will be taught remotely in a synchronous format (Winter 2021).
31513 PIR DIS 009 F 9-10AM REMOTE Liu 1 Y
All sections meet from the 1st day of class, even if they occur before the 1st lecture.
Psych 111-009 will be taught remotely in a synchronous format (Winter 2021).
31505 AI LEC 001 TTH 1130-1PM REMOTE Hoeffner
Psych 111-001 will be taught remotely in a synchronous format. (Winter 2021).
Students are auto-enrolled in Lec 001 when they elect a DIS 002-013.
13104 AI LEC 030 ARR REMOTE Buvinger
Psych 111-030 will be taught remotely in an asynchronous format.
Students are auto-enrolled in Lec 030 when they elect a Dis 031-042.

112 Psy as Natl Science 4.00
22014 PIR DIS 002 TH 8-9AM REMOTE Denton Grenchik 2 Y
All sections meet from the 1st day of class, even if they occur before the 1st lecture.
Psych 112-002 will be taught remotely in a synchronous format (Winter 2021).
22016 PIR DIS 004 TH 12-1PM REMOTE Oyelade 1 Y
All sections meet from the 1st day of class, even if they occur before the 1st lecture.
Psych 112-004 will be taught remotely in a synchronous format (Winter 2021).
22018 PIR DIS 006 TH 5-6PM REMOTE Kundu 1 Y
All sections meet from the 1st day of class, even if they occur before the 1st lecture.
Psych 112-006 will be taught remotely in a synchronous format (Winter 2021).
22019 PIR DIS 007 F 8-9AM REMOTE Chung 1 Y
All sections meet from the 1st day of class, even if they occur before the 1st lecture.
Psych 112-007 will be taught remotely in a synchronous format (Winter 2021).
22020 PIR DIS 008 F 9-10AM REMOTE Klein 1 Y
All sections meet from the 1st day of class, even if they occur before the 1st lecture.
Psych 112-008 will be taught remotely in a synchronous format (Winter 2021).
22021 PIR DIS 012 F 12-1PM REMOTE Chung 1 Y
All sections meet from the 1st day of class, even if they occur before the 1st lecture.
Psych 112-012 will be taught remotely in a synchronous format (Winter 2021).
22013 ARR LEC 001 ARR REMOTE Malley
Students are auto-enrolled in Lec 001 when they elect a Dis 002-013.
Psych 112 meets the Intro Psych prereq for the Psychology and BCN Majors.
Psych 112-001 will be taught remotely in an asynchronous format (Winter 2021).

122 Intrgrp Dialogue 2.00
19970 PI SEM 001 W 3-5PM REMOTE Hicks (she/her/hers) 105 N
Interested students must fill out an online request at www.igr.umich.edu. Due to high demand, students who do not attend the mass meeting on the first day of class will be dropped from the course. If you have questions, please contact igrcourses@umich.edu.
19976 PI SEM 004 W 10-12PM REMOTE Hicks (she/her/hers) 8 N

200 Ind Psych Issues 1.00-4.00 ADVISORY

211 Project Outreach 3.00 ADVISORY 20.00
13110 P SEM 001 T 4-6PM REMOTE Vittum 55 Y
Work with Preschl Children
http://sites.lsa.umich.edu/projectoutreach/. Email questions to project.outreach@umich.edu .
13111 P SEM 002 T 4-6PM REMOTE Gerndt 50 Y
Mind, Music & Community
http://sites.lsa.umich.edu/projectoutreach/. Email questions to project.outreach@umich.edu .
13112 P SEM 003 TH 4-6PM REMOTE Scott 23 Y
Juvenile and Criminal Justice
UPDATE: 1/3/2019 - 211-005 no longer requires Flu Shots.
http://sites.lsa.umich.edu/projectoutreach/. Email questions to project.outreach@umich.edu .
13113 P SEM 004 TH 4-6PM REMOTE Wagner 48 Y
Health, Illness and Society
http://sites.lsa.umich.edu/projectoutreach/. Email questions to project.outreach@umich.edu .
13114 P SEM 005 W 4-6PM REMOTE Kline 14 Y
Using Your Psychology Degree
UPDATE: 1/3/2019 - 211-005 no longer requires TB Test or Flu Shots.
http://sites.lsa.umich.edu/projectoutreach/. Email questions to project.outreach@umich.edu .
213 Foundations IGR 3.00 ENFORCED
35154 PR SEM 004 TTH 530-7PM REMOTE Singh 2 Y
Questions? Email igrcourses@umich.edu

220 Intro Biopsych 4.00
25324 PI DIS 002 W 11-12PM REMOTE Suri 3 Y
All sections meet from the 1st day of class, even if they occur before the 1st lecture.
Psych 220-002 will be taught remotely in a synchronous format (Winter 2021).
25325 PI DIS 003 W 12-1PM REMOTE Suri 1 Y
All sections meet from the 1st day of class, even if they occur before the 1st lecture.
Psych 220-003 will be taught remotely in a synchronous format (Winter 2021).
25326 PI DIS 004 W 3-4PM REMOTE Suri 3 Y
All sections meet from the 1st day of class, even if they occur before the 1st lecture.
Psych 220-010 will be taught remotely in a synchronous format (Winter 2021).
25101 AI LEC 001 TTH 1-230PM REMOTE Cummings
Psych 220 is introduction to behavioral neuroscience for students not intending to major in BCN or Neuroscience.
Psychology majors should register for Psych 220 instead of Psych 230.

Students are auto-enrolled in LEC 001 when they elect a DIS 002-004.

Psych 220-001 will be taught remotely in a synchronous format (Winter 2021).
223 Entrepreneur Critivty 3.00 ENFORCED
27851 PIR DIS 005 F 1-2PM REMOTE McGlothin 2 Y
All sections meet from the 1st day of class, even if they occur before the 1st lecture.
Psych 223-003 will be taught remotely in a synchronous format (Winter 2021).
27853 PIR DIS 007 F 1-2PM REMOTE Bernath 1 Y
Psych 223 is introduction to behavioral neuroscience for students not intending to major in BCN or Neuroscience.
Psychology majors should register for Psych 223 instead of Psych 230.

Psych 220-001 will be taught remotely in a synchronous format (Winter 2021).
224 Lang and Human Mind 4.00 ENFORCED
31601 P R DIS 003 TH 4-5PM REMOTE Chiang, Baptista 6 Y
31603 P R DIS 004 TH 5-6PM REMOTE Cho, Baptista 15 Y
31605 P R DIS 005 F 9-10AM REMOTE Chiang, Baptista 9 Y
31607 P R DIS 006 F 11-12PM REMOTE Cho, Baptista 8 Y
31609 P R DIS 007 F 12-1PM REMOTE Chiang, Baptista 6 Y

Psych 220-002 will be taught remotely in a synchronous format (Winter 2021).
250 Intro Dev Psych 4.00 ENFORCED
13130 P R DIS 002 TH 5-6PM REMOTE Rosenscrggs (she/her) 1 Y
All sections meet from the 1st day of class, even if they occur before the 1st lecture.
Psych 250-004 will be taught remotely in a synchronous format (Winter 2021).
13132 A R LEC 001 MW 230-4PM REMOTE Ward
Students are auto-enrolled in Lec 001 when they elect a Dis 002-015. Do not contact the instructor. Inquiries should be sent to psych.saa@umich.edu.

Psych 250-001 will be taught remotely in a synchronous format (Winter 2021).
19367 PIR DIS 021 T 3-4PM REMOTE Miller 15 Y
All sections meet from the 1st day of class, even if they occur before the 1st lecture.
Psych 250-021 will be taught remotely in a synchronous format (Winter 2021).
19369 5-6PM DIS 022 T REMOTE Huang 3 Y
Psych 250-022 will be taught remotely in a synchronous format (Winter 2021).
19370 PIR DIS 023 T 6-7PM REMOTE Park 13 Y
Psych 250-023 will be taught remotely in a synchronous format (Winter 2021).
19371 PIR DIS 024 W 6-7PM REMOTE Miller 14 Y
All sections meet from the 1st day of class, even if they occur before the 1st lecture.
Psych 250-024 will be taught remotely in a synchronous format (Winter 2021).
19372 PIR DIS 025 TH 9-10AM REMOTE Miller 10 Y
All sections meet from the 1st day of class, even if they occur before the 1st lecture.
Psych 250-025 will be taught remotely in a synchronous format (Winter 2021).
### Abnormal Psychology

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Remote with a blend of synchronous and asynchronous instruction.

### Minds & Brains in US

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Remote with a blend of synchronous and asynchronous instruction.
All sections meet from the 1st day of class, even if they occur before the 1st lecture.

Psych 270-012 will be taught remotely in a synchronous format (Winter 2021).
36023 P R DIS 013 F 12-1PM REMOTE Menkes 3 Y

All sections meet from the 1st day of class, even if they occur before the 1st lecture.
Psych 270-013 will be taught remotely in a synchronous format (Winter 2021).
39279 P R DIS 015 W 3-4PM REMOTE Menkes 8 Y

All sections meet from the 1st day of class, even if they occur before the 1st lecture.
Psych 270-015 will be taught remotely in a synchronous format (Winter 2021).
27856 A R LEC 001 TTH 1130-1PM REMOTE Lopez-Duran

Students are auto-enrolled in Lec 001 when they elect a Dis 002-016. All sections meet from the 1st day of class, even if they occur before the 1st lecture.
Psych 270-001 will be taught remotely in a synchronous format (Winter 2021).

280 Intro Social Psych 4.00 ENFORCED
21233 PIR DIS 009 F 10-11AM REMOTE Aleibar 1 Y

All sections meet from the 1st day of class, even if they occur before the 1st lecture.
Psych 280-009 will be taught remotely in a synchronous format (Winter 2021).
23579 PIR DIS 011 F 12-1PM REMOTE Burris 2 Y

All sections meet from the 1st day of class, even if they occur before the 1st lecture.
Psych 280-011 will be taught remotely in a synchronous format (Winter 2021).
31745 PIR DIS 016 TH 6-7PM REMOTE Yellowtail 1 Y

All sections meet from the 1st day of class, even if they occur before the 1st lecture.
Psych 280-016 will be taught remotely in a synchronous format (Winter 2021).
13144 AIR LEC 001 ARR REMOTE Ackerman

Students are auto-enrolled in Lec 001 when they elect a Dis 002-016. All sections meet from the 1st day of class, even if they occur before the 1st lecture.
Psych 280-001 will be taught remotely in an asynchronous format. The instructor will be available to answer questions T Th 1:00 p.m. - 2:30 p.m. (Winter 2021).

303 Res Methods in Psych 3.00 ENFORCED
18167 AIR LEC 001 M 4-530PM REMOTE Rabinowitz

Research
Students are auto-enrolled in Lec 001 when they elect a Dis 002-011.
Psych 303-001 will be taught remotely in a synchronous format (Winter 2021).

Course Title
304 Teaching&Leading 2.00-4.00 ADVISORY
24354 PI LAB 001 T 630-730PM REMOTE Quart 12 N

Michigan Mentorship Program
Students will need to have previously taken one of the following courses: Psych 240, 250, 270, or 280.
Psych 304-001 will be taught remotely in a synchronous format (Winter 2021).

Group Leading
Psych 304-471 will be taught remotely in an asynchronous format (Winter 2021).

305 Psych Practicum 1.00-4.00 ADVISORY
29468 PI LAB 661 ARR REMOTE Wierba 4 N

Peer Group Leaders

306 Group Leading 3.00 ADVISORY
22355 PI LAB 002 T 6-730PM REMOTE Gerndt 3 N

Interested students need to fill out an application at http://sites.lsa.umich.edu/projectoutreach/. Send your completed application to the GSI of the Psych 211 section you're interested in. Email questions to project.outreach@umich.edu

22357 PI LAB 004 TH 6-730PM REMOTE Wagner 2 N

Interested students need to fill out an application at http://sites.lsa.umich.edu/projectoutreach/. Send your completed application to the GSI of the Psych 211 section you're interested in. Email questions to project.outreach@umich.edu

Group Practicum
Psych 304-471 will be taught remotely in an asynchronous format (Winter 2021).

310 IGR Facilitation 2.00 ADVISORY
28869 PI SEM 001 ARR REMOTE Wierba 25 N

This Class will meet on the following dates: Retreat Jan 22, 23, 24 Classes: Jan 27, Feb 3, 10, and 17. Class on Wednesdays from 2:30-4:30 pm: Jan 27, Feb 3, 10, and 17

311 312 Dialog Pract 3.00 ADVISORY
35150 PI SEM 001 M 2-5PM REMOTE Hicks (she/her/hers) 6 N

324 Advanced IGR Pract 1.00-4.00 ADVISORY
28873 PI LAB 001 ARR Hicks (she/her/hers) 25 N

125.00

UofM Open Classes Only Schedule of Classes Page 210 of 359 WN 2021 2320 03-03-2021 17:03 25266102
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Psych 325-001 will be taught remotely in a synchronous format (Winter 2021).

Psych 330-003 will be taught remotely in a synchronous format (Winter 2021).

Psych 330-004 will be taught remotely in a synchronous format (Winter 2021).

Psych 330-001 will be taught remotely in a synchronous format (Winter 2021).

Psych 340-005 will be taught remotely in a synchronous format (Winter 2021).

Psych 340-006 will be taught remotely in a synchronous format (Winter 2021).

Psych 340-007 will be taught remotely in a synchronous format (Winter 2021).

Psych 345-003 will be taught remotely in a synchronous format (Winter 2021).

Psych 345-005 will be taught remotely in a synchronous format (Winter 2021).

Psych 345-006 will be taught remotely in a synchronous format (Winter 2021).

Psych 345-001 will be taught remotely in an asynchronous format (Winter 2021).

Psych 347-002 will be taught remotely in a synchronous format (Winter 2021).

Psych 353-001 will be taught remotely in a synchronous format (Winter 2021).

Psych 358-001 will be taught remotely in a synchronous format (Winter 2021).

Psych 373-002 will be taught remotely in a synchronous format (Winter 2021).

All sections meet from the 1st day of class, even if they occur before the 1st lecture.

If you have completed an Intro Psych course (Psych 111, 112, 114 or have AP credit for 111), and your registration appointment is active, you may request an override into this class by visiting the Psych SAA Virtual Front Desk, M-F 9am-2pm ET (https://officehours.it.umich.edu/queue/16/).

Students are auto-enrolled in Lec 001 when they elect a Dis 002-004.

Psych 330-001 will be taught remotely in a synchronous format (Winter 2021).

Psych 340-005 will be taught remotely in a synchronous format (Winter 2021).

Psych 340-006 will be taught remotely in a synchronous format (Winter 2021).

Psych 340-007 will be taught remotely in a synchronous format (Winter 2021).

Psych 345-001 will be taught remotely in an asynchronous format (Winter 2021).

Students are auto-enrolled in Lec 001 when they elect LAB 002-007.

Psych 340-001 will count as a methods lab.

Psych 345-001 will be taught remotely in an asynchronous format (Winter 2021).

Students are auto-enrolled in Lec 001 when they elect a Dis 002-009.

Psych 347-002 will be taught remotely in a synchronous format (Winter 2021).

Psych 353-001 will be taught remotely in a synchronous format (Winter 2021).

Psych 358-001 will be taught remotely in a synchronous format (Winter 2021).

Psych 373-002 will be taught remotely in a synchronous format (Winter 2021).

All sections meet from the 1st day of class, even if they occur before the 1st lecture.

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Students are auto-enrolled in LEC 001 when they elect a DIS 002-007. Psych 373-001 will be taught remotely in an asynchronous format (Winter 2021). Psych 380-001 will be taught remotely in both an asynchronous and synchronous format (Winter 2021). Psych 393-001 will be taught remotely in a synchronous format (Winter 2021). Stereotyping and Prejudice. Psych 393-004 will be taught remotely in a synchronous format (Winter 2021). All sections meet from the 1st day of class, even if they occur before the 1st lecture. Students are auto-enrolled in LEC 001 when they elect a DIS 002-004. Psych 393-001 will be taught remotely in a synchronous format (Winter 2021). All sections meet from the 1st day of class, even if they occur before the 1st lecture. Students are auto-enrolled in LEC 001 when they elect a DIS 002-007. Psych 395-001 will be taught remotely in a synchronous format (Winter 2021). Religion and Spirituality. Psych 401-001 will be taught remotely in a synchronous format (Winter 2021). Res in Educational Settings. Psych 401-002 will be taught remotely in a synchronous format (Winter 2021). ASD in the Mainstream Media. Psych 401-003 will be taught remotely in a synchronous format (Winter 2021). Religion, Spirituality & Psychology. Psych 401-004 will be taught remotely in a synchronous format (Winter 2021). Psych 401-005 will be taught remotely in a synchronous format (Winter 2021). Psych 401-006 will be taught remotely in a synchronous format (Winter 2021). Hegemon, Ideol& Polit Behav. Psych 401-007 will be taught remotely in a synchronous format (Winter 2021). Psych 401-008 will be taught remotely in a synchronous format (Winter 2021). Psych 401-009 will be taught remotely in a synchronous format (Winter 2021). Psych 401-010 will be taught remotely in a synchronous format (Winter 2021). Psych 401-011 will be taught remotely in a synchronous format (Winter 2021). Psych 401-012 will be taught remotely in a synchronous format (Winter 2021). Psych 401-013 will be taught remotely in a synchronous format (Winter 2021). Multicultural Psychology. Psych 401-014 will be taught remotely in a synchronous format (Winter 2021). Psych 401-015 will be taught remotely in a synchronous format (Winter 2021). Addictive Behaviors. Psych 401-016 will be taught remotely in a synchronous format (Winter 2021). Rel in Educational Settings. Psych 401-017 will be taught remotely in a synchronous format (Winter 2021). Psych 401-018 will be taught remotely in a synchronous format (Winter 2021). Psych 401-019 will be taught remotely in a synchronous format (Winter 2021). Psych 401-020 will be taught remotely in a synchronous format (Winter 2021). Multicultural Psychology. Psych 401-021 will be taught remotely in a synchronous format (Winter 2021). Psych 401-022 will be taught remotely in a synchronous format (Winter 2021). Psych 401-023 will be taught remotely in a synchronous format (Winter 2021). Research. Psych 401-024 will be taught remotely in a synchronous format (Winter 2021). Psych 401-025 will be taught remotely in a synchronous format (Winter 2021). Psych 401-026 will be taught remotely in a synchronous format (Winter 2021). Psych 401-027 will be taught remotely in a synchronous format (Winter 2021). Psych 401-028 will be taught remotely in a synchronous format (Winter 2021). Psych 401-029 will be taught remotely in a synchronous format (Winter 2021). Psych 401-030 will be taught remotely in a synchronous format (Winter 2021).
Psych 445-001 will be taught remotely in a synchronous format (Winter 2021).
Psych 347/Ling 349 is an advisory prerequisite for Psych 445/Ling 447.

Gender and Development
Psych 457-005 will be taught remotely in a synchronous format (Winter 2021).

457 Curr Topic Dev Psych
35655 P R SEM 005 TH 1-4PM REMOTE Grower 17 Y

469 Primate Behav Ecol
36319 P R LEC 001 TTH 10-1130AM REMOTE Rosenbaum 11 Y

474 Intro Behav Therapy
37480 PIR LEC 001 TTH 830-10AM REMOTE Chang 7 Y

Psych 474-001 will be taught remotely in a synchronous format (Winter 2021).

475 Traumatic Stress
29343 P R SEM 001 W 1-4PM REMOTE Graham-Bermann 3 Y

Psych 475-001 will be taught in both synchronous and synchronous formats (Winter 2021).

477 Curr Topic Clin Psych
35656 PIR SEM 002 TTH 230-4PM REMOTE Nagata 8 Y

Mental Hlth: Nat&Internat Persp
Psych 477-002 will be taught remotely in a synchronous format (Winter 2021).

519 Supervised Research
32536 P LAB 082 ARR ARR Dunning 24 N
26420 PLAB 159 ARR ARR Yoles 5 N
25320 PLAB 171 ARR ARR Zahodine 4 N
32535 P LAB 177 ARR ARR Duval 24 N
26421 PLAB 265 ARR ARR Antonucci 5 N
28303 PLAB 382 ARR ARR Olson 5 N
28269 PLAB 361 ARR ARR Stewart 5 N
25321 PLAB 363 ARR ARR Ellsworth 5 N
26419 PLAB 370 ARR ARR Graham-Bermann 3 N
22922 PLAB 372 ARR ARR Seifert 4 N
28271 PLAB 419 ARR ARR Zhang 5 N
32537 P LAB 461 ARR ARR Ceballo 25 N
26422 PLAB 473 ARR ARR Polk 5 N
28270 PLAB 510 ARR ARR Chang 5 N
32538 P LAB 514 ARR ARR Shah 25 N
32539 P LAB 541 ARR ARR Morrison 25 N
28268 PLAB 548 ARR ARR Keating 5 N
32540 P LAB 667 ARR ARR Conley 24 N

32539 P LAB 541 ARR ARR Conley 24 N
28268 PLAB 363 ARR ARR Zhang 5 N

532 Mammal Reprod Physio
24169 P R LEC 001 TTH 130-3PM ARR

541 Adv Topics CCN
35657 P R SEM 001 TTH 4-530PM REMOTE Seifert 3 N

Psych 541-001 will be taught remotely in a synchronous format with Psych 808-001 (Winter 2021).

609 Psych Teach Academy
32487 P R SEM 001 W 1-1AM ARR Kross 6 N

Psych 609-001 will meet remotely on March 10, 2021 and April 21, 2021 (Winter 2021).

619 Supervised Research
32487 P R SEM 001 W 1-1AM ARR Kross 6 N

Psych 619-001 will be taught remotely in a synchronous format (Winter 2021).

687 Applied Sampling
13158 PD SEM 001 W 9-1130AM Remote Si, Lee 20 N

Methods of Survey Sampling
36218 PD SEM 002 W 9-1130AM ARR Si, Lee 1 N

Department consent required. Please contact the Program in Survey Methodology (michpsm.isr@umich.edu)

711 Quest Design & Eval
18623 PD SEM 001 T 1-3PM ARR Yan 15 N

719 Supervised Research
18623 PD SEM 001 T 1-3PM ARR Yan 15 N

723 Hum Dev&Schooling
25236 P R SEM 001 M 1-4PM REMOTE Matthews 7 N

Meets with Psych 958-008.

758 Dev Neurosci Hum Beh
35668 P R LEC 001 TTH 9-12PM REMOTE Kovelman 15 N

Psych 758-001 will be taught remotely in an synchronous format (Winter 2021).

771 Top Clin Sci & Pract
23442 P R SEM 001 M 10-11AM REMOTE Nagata 4 N

Psych 771-001 meets remotely in an synchronous format (Winter 2021).

778 Psych Assessment II
25197 P R LEC 001 TTH 4-530PM 4464 EH Lopez-Duran, Rodriguez-Seijas 7 Y

Psych 778-001 will be taught in person (Winter 2021).

782 Cultural Psychology
36590 P R LEC 001 M 1-4PM REMOTE Fryberg 4 N

Psych 782-001 will be taught remotely in a synchronous format (Winter 2021).

785 Group Processes
36590 P R LEC 001 M 1-4PM REMOTE Fryberg 4 N

Psych 782-001 will be taught remotely in a synchronous format (Winter 2021).
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Romance Languages Department

Catalan (CATALAN) Open Sections

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French (FRENCH) Open Sections

--DROP POLICY: A student who misses either of the first two meetings of any course offered by the Department of Romance Languages may be dropped from the course for non-attendance.

--PLACEMENT TEST: Students with any previous study of French must take the French placement test before enrolling. Placement test dates are online at: www.lsa.umich.edu/rll/undergraduate/languageplacement/languageplacementtests. This does not apply to students enrolling in French graduate-level courses.

--OVERRIDE REQUEST INFORMATION: www.lsa.umich.edu/rll/langinstruct/overrides.html

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For students with no previous study or by placement. Students with any previous study of French or prior instruction in French must take the placement test before enrolling. Students with any prior French experience that do not take the placement exam and self enroll in French 101 will be dropped from French 101.

The textbook Portals can be purchased through the online bookstore or directly from the publisher at http://vistahigherlearning.com/store/umichigan.htm.

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For students with no previous study or by placement. Students with any previous study of French or prior instruction in French must take the placement test before enrolling. Students with any prior French experience that do not take the placement exam and self enroll in French 101 will be dropped from French 101.

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Course instruction is remote and synchronous. Enrolled students are expected to be available remotely during all scheduled class times.

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Course instruction is remote and synchronous. Enrolled students are expected to be available remotely during all scheduled class times.

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Course instruction is remote and synchronous. Enrolled students are expected to be available remotely during all scheduled class times.

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Course instruction is remote and synchronous. Enrolled students are expected to be available remotely during all scheduled class times.

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Course instruction is remote and synchronous. Enrolled students are expected to be available remotely during all scheduled class times.

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Italian (ITALIAN) Open Sections

--DROP POLICY: A student who misses either of the first two meetings of any course offered by the Department of
Romance Languages may be dropped from the course for non-attendance.

--PLACEMENT TEST: Students with any previous study of Italian must take the Italian placement test before enrolling. Placement test dates are online at:
www.lsa.umich.edu/rll/undergraduate/languageplacement/languageplacementtests.

--OVERRIDE REQUEST INFORMATION:
www.lsa.umich.edu/rll/langinstruct/overrides.html

101 Elementary 4.00 ADVISORY, ENFORCED
20839 PDR REC 001 MTTHF 9-10AM REMOTE Salvatore 2 Y
Course instruction is remote and synchronous. Enrolled students are expected to be available remotely during all scheduled class times.

27967 PDR REC 003 MTTHF 1-2PM REMOTE Garrido Baez 4 Y
Course instruction is remote and synchronous. Enrolled students are expected to be available remotely during all scheduled class times.

28913 PDR REC 009 MTTHF 3-4PM REMOTE Mosciatti 2 Y
Course instruction is remote and synchronous. Enrolled students are expected to be available remotely during all scheduled class times.

102 Elementary 4.00 ADVISORY, ENFORCED
30426 PDR REC 002 MTTHF 9-10AM REMOTE Rodriguez Mojica 1 Y
Course instruction is remote and synchronous. Enrolled students are expected to be available remotely during all scheduled class times.

18125 PDR REC 003 MTTHF 10-11AM REMOTE Rodriguez Mojica 2 Y
Course instruction is remote and synchronous. Enrolled students are expected to be available remotely during all scheduled class times.

12821 PDR REC 005 MTTHF 11-12PM REMOTE Audiberti 6 Y
Course instruction is remote and synchronous. Enrolled students are expected to be available remotely during all scheduled class times.

12822 PDR REC 007 MTTHF 12-1PM REMOTE Audiberti 2 Y
Course instruction is remote and synchronous. Enrolled students are expected to be available remotely during all scheduled class times.

18126 PDR REC 011 MTTHF 4-5PM REMOTE Audiberti 6 Y
Course instruction is remote and synchronous. Enrolled students are expected to be available remotely during all scheduled class times.

231 Second Year Cont 4.00 ENFORCED
30427 PDR REC 001 MTTHF 10-11AM REMOTE Lasker-Ferretti 3 Y
Course instruction is remote and synchronous. Enrolled students are expected to be available remotely during all scheduled class times.

The textbook can be purchased through the online bookstore or directly from the publisher at

19880 PDR REC 003 MTTHF 12-1PM REMOTE Liu 3 Y
Course instruction is remote and synchronous. Enrolled students are expected to be available remotely during all scheduled class times.

The textbook can be purchased through the online bookstore or directly from the publisher at

232 Second Year Cont 4.00 ENFORCED
19878 PDR REC 009 MTTHF 1-2PM REMOTE Lasker-Ferretti 1 Y
A story in history

A story in history: Fascism, Colonialism, Oral History and Identity. Course instruction is remote
and synchronous. Enrolled students are expected to be available remotely during all scheduled class times.

The textbook can be purchased through the online bookstore or directly from the publisher at

28680 PDR REC 014 MTTHF 4-5PM REMOTE Mosciatti 7 Y
Course instruction is remote and synchronous. Enrolled students are expected to be available remotely during all scheduled class times.

The textbook can be purchased through the online bookstore or directly from the publisher at

310 Italian Cities 3.00 ADVISORY
33767 PD REC 001 TTH 10-1130AM REMOTE Binetti 3 Y
Urban Space Italian Lit & Film

313 Italian Families 3.00 ADVISORY
33766 PD REC 001 TTH 1130-1PM REMOTE Squatriti 5 Y

314 Italy:1815-Present 3.00
33813 PI LEC 001 MW 1130-1PM REMOTE Gaggio 16 Y

316 Screening Italian-Am 3.00 35.00
27506 PI LEC 001 TTH 230-4PM REMOTE Bertellini 1 Y
27507 AI LAB 002 T 7-10PM REMOTE Bertellini 30 Y

340 Contemp Ital 3.00 ADVISORY
33765 PD REC 001 TTH 1-230PM REMOTE Binetti 9 Y
Intelllettuali e societa

374 Topics Ital Studies 3.00 ADVISORY
31239 PD REC 001 MW 1-230PM REMOTE Ricco’ 6 Y
Youth Culture in Italy

510 Italian Cities 3.00
33768 PDR REC 001 TTH 10-1130AM REMOTE Binetti 3 Y
Urban Space Italian Lit & Film

990 Diss-Precand 6.00 ADVISORY
IND + ARR ARR 24 N
Portuguese (PORTUG) Open Sections

102 Elementary
13103 PDR REC 001 MTTHF 10-11AM REMOTE Segarra Costaguta Mattos 13 Y
Course instruction is remote and synchronous. Enrolled students are expected to be available remotely during all scheduled class times. Textbook is Falar, ler, escrever - Um curso para estrangeiros (3rd edition), available in ebook and print editions. Ebook is available through Amazon Brazil (ISBN: 9788521633518). Print edition can be purchased through the university's online bookstore or other retailers (ISBN: 9788521633518).

232 Second-Year
20921 PDR REC 001 MTTHF 11-12PM REMOTE Segarra Costaguta Mattos 11 Y
Course instruction is remote and synchronous. Enrolled students are expected to be available remotely during all scheduled class times. Textbook is Contextos (Curso Intermediario de Portugues), 1st edition, available in ebook (ISBN: 9781315454573) and print (ISBN: 9781138210721) editions. Textbook can be purchased through university's bookstore, the publisher Routledge's website, and other retailers.

Romance Languages and Literatures (ROMLANG) Open Sections

250 Topics in Humanities
34780 PI SEM 001 MW 10-1130AM REMOTE Ekotto 4 Y
Crossing Borders in Europe

Romance Linguistics (ROMLING) Open Sections

286 Intro Spanish Ling
30377 PDR LEC 001 MW 230-4PM REMOTE Roosevelt 2 Y
30378 PDR LEC 002 TTH 230-4PM REMOTE Roosevelt 1 Y
487 Studies Hisp Ling
28740 PDR REC 001 TTH 1-230PM REMOTE Satterfield 1 Y
Mock Spanish
39579 PDR REC 002 MW 230-4PM REMOTE Henriksen 6 Y

Spanish (SPANISH) Open Sections

--DROP POLICY: A student who misses either of the first two meetings of any course offered by the Department of Romance Languages may be dropped from the course for non-attendance.
--PLACEMENT TEST: Students with any previous study of Spanish must take the Spanish placement test before enrolling. Placement test dates are online at: www.lsa.umich.edu/rll/undergraduate/languageplacement/languageplacementtests.
--OVERRIDE REQUEST INFORMATION: www.lsa.umich.edu/rll/langinstruct/overrides.html

100 Intensive Elem Span
21801 PDR REC 003 MTTHF 2-4PM REMOTE Rivas-Murillo 1 Y
Course instruction is remote and synchronous. Enrolled students are expected to be available remotely during all scheduled class times.

101 Elementary
29955 PDR REC 002 MTTHF 1-2PM REMOTE Perez 3 Y
Course instruction is remote and synchronous. Enrolled students are expected to be available remotely during all scheduled class times.

For students with no previous study or by placement. Students with any previous study of Spanish or prior instruction in Spanish must take the placement test before enrolling. Students with any prior experience that do not take the placement exam and self-enroll in Spanish 101 will be dropped from Spanish 101.

The textbook can be purchased through the online bookstore or directly from the publisher at http://www.cengagebrain.com/course/4325651

29264 PDR REC 003 MTTHF 3-4PM REMOTE Perez 1 Y
Course instruction is remote and synchronous. Enrolled students are expected to be available remotely during all scheduled class times.

For students with no previous study or by placement. Students with any previous study of Spanish or prior instruction in Spanish must take the placement test before enrolling. Students with any prior experience that do not take the placement exam and self-enroll in Spanish 101 will be dropped from Spanish 101.

The textbook can be purchased through the online bookstore or directly from the publisher at http://www.cengagebrain.com/course/4325651

29265 PDR REC 005 MTTHF 4-5PM REMOTE Perez 2 Y
Course instruction is remote and synchronous. Enrolled students are expected to be available remotely during all scheduled class times.

For students with no previous study or by placement. Students with any previous study of Spanish or prior instruction in Spanish must take the placement test before enrolling. Students with any prior experience that do not take the placement exam and self-enroll in Spanish 101 will be dropped from Spanish 101.
The textbook can be purchased through the online bookstore or directly from the publisher at
http://www.cengagebrain.com/course/4325651

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Course instruction is remote and synchronous. Enrolled students are expected to be available remotely during all scheduled class times.

This section is reserved for CSP students during the early registration period. Any undergraduate student may join the waitlist once the section is closed. On 12/04/2020 any remaining available seats will be released for any undergraduates who wish to register. Students who are still on the waitlist as of the first day of classes should email the instructor or GSI of their desire to enroll in the course. Due to social distancing restrictions, students should not attend a section for which they are not enrolled. If an override is granted, students will receive an email notification so they may register for the course prior to the stated expiration date.

10 seats reserved for first or second year CSP students,
5 seats reserved for any CSP students

103 Review-Elementary | 22691 | PDR | REC 005 | MTTHF | 9-10AM | REMOTE | Moya Perez | 4.00 | ADVISORY, ENFORCED | 1 | Y | |

Course instruction is remote and synchronous. Enrolled students are expected to be available remotely during all scheduled class times.

This section is reserved for CSP students during the early registration period. Any undergraduate student may join the waitlist once the section is closed. On 12/04/2020 any remaining available seats will be released for any undergraduates who wish to register. Students who are still on the waitlist as of the first day of classes should email the instructor or GSI of their desire to enroll in the course. Due to social distancing restrictions, students should not attend a section for which they are not enrolled. If an override is granted, students will receive an email notification so they may register for the course prior to the stated expiration date.

10 seats reserved for first or second year CSP students,
5 seats reserved for any CSP students

231 Second Year Span | 34118 | PDR | REC 034 | MTTHF | 3-4PM | REMOTE | Hilberry | 4.00 | ENFORCED | 1 | Y | |

Course instruction is remote and synchronous. Enrolled students are expected to be available remotely during all scheduled class times.

Students can choose between looseleaf or digital edition. Textbook can be purchased through the bookstore or at

232 Second Year Span | 13213 | PDR | REC 001 | MTTHF | 8-9AM | REMOTE | Beiza | 4.00 | ADVISORY, ENFORCED | 1 | Y | |

Course instruction is remote and synchronous. Enrolled students are expected to be available remotely during all scheduled class times.

Students can purchase etext access through the online bookstore OR directly from the publisher by registering at https://www.pearsonmylabandmastering.com/northamerica/ and purchasing MyLab w/eText.

LGBTQA in the Hispanic World

Students can purchase etext access through the online bookstore OR directly from the publisher by registering at https://www.pearsonmylabandmastering.com/northamerica/ and purchasing MyLab w/eText.

24812 | PDR | REC 026 | MTTHF | 11-12PM | REMOTE | Telleria-Suinaga | 1 | Y |

Course instruction is remote and synchronous. Enrolled students are expected to be available remotely during all scheduled class times.

Students can purchase etext access through the online bookstore OR directly from the publisher by registering at https://www.pearsonmylabandmastering.com/northamerica/ and purchasing MyLab w/eText.

232 Second Year Span | 13213 | PDR | REC 001 | MTTHF | 8-9AM | REMOTE | Beiza | 4.00 | ADVISORY, ENFORCED | 1 | Y | |

Course instruction is remote and synchronous. Enrolled students are expected to be available remotely during all scheduled class times.

Students can purchase etext access through the online bookstore OR directly from the publisher by registering at https://www.pearsonmylabandmastering.com/northamerica/ and purchasing MyLab w/eText.

24812 | PDR | REC 026 | MTTHF | 11-12PM | REMOTE | Telleria-Suinaga | 1 | Y |

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Course instruction is remote and synchronous. Enrolled students are expected to be available remotely during all scheduled class times.

33433 PDR REC 011 MWF 4-5PM REMOTE Hernandez 1 Y

34774 PDR REC 012 MWF 5-6PM REMOTE Sanchez Gumiel 1 Y

33560 PDR REC 001 MWF 9-10AM REMOTE Gutierrez Chavarria, Freire Hermida 6 Y

Course instruction is remote and synchronous. Enrolled students are expected to be available remotely during all scheduled class times. Students can choose between looseleaf or digital edition. Textbook can be purchased through the bookstore or at https://pandapublications.info/orders/ Panda Publication also offers a buy-back program.

28731 PDR REC 002 MWF 10-11AM REMOTE Hansen, Freire Hermida 1 Y

Course instruction is remote and synchronous. Enrolled students are expected to be available remotely during all scheduled class times. Students can choose between looseleaf or digital edition. Textbook can be purchased through the bookstore or at https://pandapublications.info/orders/ Panda Publication also offers a buy-back program.

33561 PDR REC 009 MWF 3-4PM REMOTE Severs, Freire Hermida 2 Y

296 Spec Topics Lit&Coll 3.00 ENFORCED

27343 PDR REC 001 MWF 12-1PM REMOTE Campbell 3 Y

Modernity's Monsters

Course instruction is remote and synchronous. Enrolled students are expected to be available remotely during all scheduled class times. Students can choose between looseleaf or digital edition. Textbook can be purchased through the bookstore or at https://pandapublications.info/orders/ Panda Publication also offers a buy-back program.

33582 PDR REC 001 MW 1-230PM REMOTE Ruiz Mendoza 2 Y

Narrativas errantes

387 Social Forces Spain 3.00 ENFORCED

33582 PDR REC 001 MW 1-230PM REMOTE Szpiech 11 Y

Youth Culture - Critical Times

topic: Youth Culture in Critical Times: Technology, Politics, and the Arts (Spain, 1920-1940). This course counts toward the literature requirement for the Spanish minor, and toward the Spanish major as a 300-level course.

31992 PDR REC 004 MW 1130-1PM REMOTE Coutre 3 Y

33583 PDR REC 005 TH 1130-1PM REMOTE Ferrari 2 Y

World-Making Art

33584 PDR REC 006 MW 230-4PM REMOTE Ruiz Mendoza 2 Y

Narrativas errantes
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## Sweetland Center for Writing

**Gayle Morris Sweetland Center for Writing (WRITING) Open Sections**

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- Writing 100 is designed to help students of all levels improve their writing, but is best suited to those who have yet to fulfill the First-Year Writing Requirement. Upper-level students should have a compelling academic reason for enrolling in Writing 100.

- It is department policy that registered students must participate in the first two class sessions or activities in whichever format offered by the instructor or notify the instructor that they will be unable to do so and why. Failure to do so may result in the student being dropped from the course.

- Normal waitlist procedures apply for students who attend the first two classes. Students who wish to join Writing 100 after the first two class sessions must email the instructor to set up a meeting to discuss enrolling. Based on this discussion, the student and instructor will then make a determination on whether or not it is appropriate for the student to enroll.

<table>
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- This course is entirely asynchronous.

- This class meets 03/08/21 to 04/19/21. Students who wish to add Writing 229 after the term starts must seek permission from the instructor. As per Sweetland policy, students cannot add a mini course after the second class meeting.

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### Class # CODE CMP SEC DAYS TIME LOCATION INSTRUCTOR OPEN SEATS WL

- 22666 PD SEM 001 TTH 230-4PM REMOTE Brancho 1 N
- 31402 PI SEM 001 ARR REMOTE Li 2 Y
- 40682 PI SEM 005 F 9-11AM REMOTE Karczynski 7 Y
- 25848 PI SEM 003 ARR REMOTE Li 1 Y
- 20569 P SEM 001 MW 10-1130AM REMOTE Hetzel 2 Y
- 23369 PD SEM 001 MW 830-10AM REMOTE Sessolo 2 N
- 201 Dig Media Wrtg Mini 1.00 Pi SEM 001 F 1-3PM REMOTE Karczynski 1 Y
- 220 Writing Minor Intro 3.00 PD SEM 001 TTH 230-4PM REMOTE Brancho 1 N
- 229 Editing & Style 1.00 31402 PI SEM 001 ARR REMOTE Li 2 Y
- 200 Dig Media Writing 3.00 20569 P SEM 001 MW 10-1130AM REMOTE Hetzel 2 Y
- 23369 PD SEM 001 MW 830-10AM REMOTE Sessolo 2 N
- 201 Dig Media Wrtg Mini 1.00 25848 Pi SEM 001 F 1-3PM REMOTE Karczynski 1 Y
### U of M Open Classes Only Schedule of Classes

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Slavic Languages & Lit Dept

Bosnian/Croatian/Serbian (BCS) Open Sections

132 First-Year BCS II 4.00 ADVISORY
   23907 P  REC 001 MTWTH 12-1PM REMOTE Rosic 10 Y

232 Second-Year BCS II 4.00 ENFORCED
   25065 P  REC 001 MTWTH 1-2PM REMOTE Rosic 11 Y

439 Dir Read of BCS 1.00-4.00 ADVISORY
   I IND + ARR ARR

532 First-Year BCS II 4.00 ENFORCED
   24282 P  REC 001 MTWTH 12-1PM REMOTE Rosic 10 Y

534 Second-Year BCS II 4.00 ENFORCED
   25066 P  REC 001 MTWTH 1-2PM REMOTE Rosic 11 Y

654 Superv Read Lit 1.00-4.00 ADVISORY
   I IND + ARR ARR

Czech (CZECH) Open Sections

480 Superv Czech Read 1.00-4.00 ADVISORY
   I IND + ARR ARR

Polish (POLISH) Open Sections

122 1st Yr Polish 4.00 ADVISORY
   13077 P  REC 001 MTWTH 10-11AM REMOTE Westwalewicz 11 Y

Polish Your Humor!

222 2nd Yr Polish 4.00 ADVISORY
   27668 P  REC 001 TWTHF 1-2PM REMOTE Westwalewicz 7 Y

Carrot Fields

314 Polish Cinema 3.00 ADVISORY
   30832 PI LAB 002 ARR REMOTE Eagle 3 Y

30831 A  LEC 001 ARR REMOTE Eagle, Marciniak

322 Third Year Polish 3.00 ADVISORY
   13078 P  REC 001 ARR REMOTE Pasek 12 Y

Polish your America! Trolls
Class time is flexible and based on the availability of students

422 4th-Year Polish II 3.00 ADVISORY
   17750 PI REC 001 ARR REMOTE Pasek 12 Y

Holy Business
Class time is flexible and based on the availability of students

450 Directed Reading 1.00-4.00 ADVISORY
   I IND + ARR ARR

492 Senior Honors 3.00 ADVISORY
   I IND + ARR ARR

562 First-Year Polish II 4.00 ENFORCED
   22089 P  REC 001 MTWTH 10-11AM REMOTE Westwalewicz 11 Y

564 Second-Yr Polish II 4.00 ENFORCED
   27669 P  REC 001 TWTHF 1-2PM REMOTE Westwalewicz 7 Y

566 Third-Year Polish II 3.00 ENFORCED
   22090 P  REC 001 ARR REMOTE Pasek 12 Y

Class time is flexible and based on the availability of students

568 Fourth-Yr Polish II 3.00 ENFORCED
   22092 PIR REC 001 ARR REMOTE Pasek 12 Y

Class time is flexible and based on the availability of students

Russian (RUSSIAN) Open Sections

---ALL NON-LANGUAGE COURSES TAUGHT IN ENGLISH, EXCEPT WHERE NOTED.

102 First Year 5.00 ENFORCED
   18333 P  REC 001 MTWTHF 10-11AM REMOTE Tkacheva 3 Y

103 Int First Yr 8.00 ENFORCED
   35755 P  REC 001 MTWTH 4-6PM REMOTE Bondarenko, Makin 9 Y

202 Second Year 4.00 ENFORCED
   25069 P  REC 001 MTWTH 10-11AM REMOTE Dyussekenova 12 Y

203 Int 2nd Yr 8.00 ENFORCED
   17766 P  REC 002 MTWTH 11-12PM REMOTE Mokin 3 Y

225 Russian Heritage II 3.00 ADVISORY
   22581 P  REC 001 TWTHF 9-10AM REMOTE Shkolnik 11 Y

302 Third Year Russian 4.00 ENFORCED
   13169 P  REC 001 MTWTHF 10-11AM REMOTE Shkolnik 3 Y

346 19th C Russian Lit 3.00 ADVISORY
   35757 P  LEC 001 MW 4-530PM REMOTE Malorova 9 Y

Anna Karenina

375 Literature/Empire 3.00 ADVISORY
   25133 P  LEC 001 MW 230-4PM REMOTE Malorova 18 Y

402 Fourth Year Russian 4.00 ADVISORY
   13171 P  REC 001 F 9-10AM REMOTE

402 Fourth Year Russian 4.00 ADVISORY

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Ukrainian (UKR) Open Sections

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</table>
--IT IS CRITICAL THAT STUDENTS ATTEND CLASSES FROM THE BEGINNING OF THE TERM. EVEN THOUGH STUDENTS MAY BE
REGISTERED OFFICIALLY FOR A COURSE, THE DEPARTMENT MAY GIVE AWAY PLACES IN A COURSE IF STUDENTS DO NOT ATTEND THE
FIRST TWO COURSE MEETINGS.

--TO ASSIST THE STUDENT IN SELECTING COURSES, PAST COURSE SYLLABI ARE AVAILABLE AT: www.lsa.umich.edu/soc/syllabi.

### Sociology Department

**Sociology (SOC) Open Sections**

**100 Intro to Sociology**

<table>
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Synchronous Participation: Sections 021-029 are automatically enrolled in lecture section 020

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Synchronous Participation: Sections 021-029 are automatically enrolled in lecture section 020

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Synchronous Participation: Sections 021-029 are automatically enrolled in lecture section 020

**102 Intro Soc: Topics**

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Synchronous Participation: auto-enrolled in section 001

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Urban Inequality

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Urban Inequality

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Urban Inequality

**105 First Year Seminar**

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<td>28946</td>
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<td>4-530PM</td>
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Sociological Imagination

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<tr>
<td>33690</td>
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<td>4-530PM</td>
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Society through Memoirs

**122 Intrgrp Dialogue**

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<td>19971</td>
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<td>REMOTE Hicks (she/her/hers)</td>
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Interested students must fill out an online request at www.igr.umich.edu. Due to high demand, students who do not attend the mass meeting on the first day of class will be dropped from the course. If you have questions, please contact Susmetha Baidya (e-mail: sbaidya@umich.edu).

<table>
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Synchronous & Asynchronous Participation

**218 Foundations IGR**

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Questions? Email igrcourses@umich.edu

**225 Project Community**

<table>
<thead>
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<th>PREREQ</th>
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<tr>
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<td>REMOTE Martel</td>
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PH: Shelter Assoc of Washtenaw
Shelter Association of Washtenaw/Food Gatherers

<table>
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**233 Social Problems**

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Asynchronous Participation

**242 Social Class Exp**

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**270 Gender & the Law**

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<tr>
<td>24928</td>
<td>P DIS 002 M</td>
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**295 Topics in Sociology**

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**300 Principles & Problems**

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Non-Profits

**302 Intro Soc: Hlth & Soc**

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Asynchronous Participation

**303 Race & Ethnicity**

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**310 Socio Res Methods**

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Asynchronous Participation

**313 Soc Sci Theory I**

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This Class will meet on the following dates: Retreat Jan 22, 23, 24 Classes: Jan 27, Feb 3, 10, and 17. Class on Wednesdays from 2:30-4:30 pm: Jan 27, Feb 3, 10, and 17.

**Course Title** | **CR** | **PREREQ** | **LAB FEE** | **OPEN SEATS**
--- | --- | --- | --- | ---
**IGR Facilitation 2.00 ADVISORY** | 2.00 | ADVISORY | | |
320 | 28870 | PI SEM 001 | ARR | ARR | Hwang he-him-his, Slosberg -- she-hers | 3 | N |
35149 | PI SEM 002 | ARR | 2-5PM REMOTE | | Schoem - she-her | 2 | N |

**Advanced IGR Prac** | 1.00-4.00 ADVISORY | | | |
324 | 28784 | PI LAB 001 | ARR | 2-5PM REMOTE | Crider | 5 | N |

**Project Com Adv Prac** | 4.00 ADVISORY 100.00 | | | |
325 | 29243 | PI SEM 001 | M | 2-5PM REMOTE | Hicks (she/her/hers) | 6 | N |

**Comm Action Soc Chg** | 3.00 ADVISORY | | | |
326 | 41343 | P LEC 004 | F | 9-12PM REMOTE | Eiler | 1 | N |

**Urban Inequality** | 4.00 ADVISORY | | | |
335 | 29432 | P DIS 002 | F | 9:10AM REMOTE | Week she or her | 1 | Y |

**Soc of the Body** | 3.00 ADVISORY | | | |
346 | 31029 | P LEC 001 | ARR | REMOTE | Mcgann | 2 | Y |

**Criminology** | 4.00 ADVISORY | | | |
368 | 22649 | P DIS 002 | TH | 12-1PM REMOTE | Lepejian (she/her) | 1 | Y |

**Sports, Pol, Society** | 3.00 ADVISORY | | | |
379 | 35300 | P DIS 002 | TH | 3:40PM REMOTE | VanLoozen | 1 | Y |
| 35301 | P DIS 003 | TH | 4-5PM REMOTE | VanLoozen | 1 | Y |
| 35303 | P DIS 005 | F | 9:10AM REMOTE | Koo | 2 | Y |
| 35299 | S LEC 001 | TTH | 2-3PM REMOTE | Markovits | | |

**East Central Europe** | 4.00 ADVISORY 10.00 | | | |
393 | 35568 | P DIS 003 | TH | 5-6PM REMOTE | Dierdorf II | 4 | N |

**Undergrad Research** | 1.00-4.00 ADVISORY | | | |
394 | 28951 | P LEC 001 | ARR | REMOTE | Smock | 24 | N |

**Independent Study** | 1.00-4.00 ADVISORY | | | |
395 | 28951 | P LEC 001 | ARR | ARR | Byrd | 24 | N |

**UG Internship** | 1.00 ADVISORY | | | |
396 | 30772 | PI SEM 001 | TTH | 230-4PM REMOTE | Smock | 24 | N |

**Women, Ineq, Work** | 3.00 ADVISORY | | | |
451 | 30772 | PI SEM 001 | TTH | 12-130PM REMOTE | Smock | 2 | Y |

**Sociology of Bioethics** | 3.00 ADVISORY | | | |
476 | 23889 | P LEC 001 | ARR | REMOTE | Smock | 1 | N |

**Topics in Sociology** | 3.00 ADVISORY | | | |
495 | 23890 | P LEC 001 | ARR | REMOTE | Steinmetz | 2 | Y |

**Drugs & Society** | | | | |
496 | 35577 | DIS 005 | F | 10-11AM REMOTE | Cavallaro | 2 | N |

**Asynchronous Participation** | | | | |
497 | 35565 | A LEC 002 | TTH | 230-4PM REMOTE | Westwalewicz | | |

**Empires, Nations, Democracies** | | | | |

Questions regarding this class should be directed to is-advising@umich.edu.
<table>
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<tr>
<th>CAT#</th>
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<th>CR</th>
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<td>550</td>
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*Time May Change*
Statistics Department

**Data Science (DATASCI) Open Sections**

<table>
<thead>
<tr>
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<th>CR</th>
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The Department of Statistics must allow students who are in its programs the opportunity to register for Statistics classes prior to removing reserved seats. Any remaining seats will be taken off of reserve after waitlist evaluation. Instructors in the Statistics Department do not manage their waitlists and do not issue overrides.

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---

**Statistics (STATS) Open Sections**

--- It is critical that students attend classes from the beginning of the term. Even though students may be registered officially for a course, the department may give away places in a course if students do not attend the first two course meetings.

--- All students must take action through the registration system to make sure that their official schedule of courses matches the courses they are attending.

**206 Intro Data Science**

<table>
<thead>
<tr>
<th>CAT#</th>
<th>Course Title</th>
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</table>

Lectures will be prerecorded. Class time will be devoted to working with code, working with homework, and case studies.

All homeworks and exam will be delivered online. There will be specified time windows on Canvas for students to submit their solutions.

Technology: Canvas, Zoom, BlueJeans, Piazza, Gradescope

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<tr>
<th>CAT#</th>
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<tr>
<th>Class #</th>
<th>CODE</th>
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<td>Y McNamara</td>
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</tbody>
</table>

This synchronous lab gives you the opportunity to work with your lab instructor in real time. Your lab instructor will preview the weekly lab, and then students will be randomly assigned a group of 3 to work on the weekly lab activity. Weekly lab writeups will be posted and submitted via Canvas. See Lecture Section 200 for information about assessments.

Technology/Platforms: Canvas, Zoom, course.work, R/RStudio, Gradescope

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**Technology/Platform:** Zoom, Gradescope, course.work.

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</table>
This lecture is asynchronous. The weekly lectures for this course will be recorded and made available asynchronously. We will also have synchronous weekly discussion sessions.

There will be three asynchronous exams for this course administered through Gradescope. Testing will take place within a designated time frame, and students may choose when within that time frame to complete the assessment.

Weekly homework assignments will be assigned and turned in on course.work. Students’ grades will also include lab work (see the specific lab section for details) and asynchronous MWrite assignments.

**Technology/Platform:** Canvas, Zoom, course.work. R/RStudio, Gradescope

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Students enrolled in lecture section 200, may attend the synchronous lecture section 400.

There will be a combination of quizzes and exams administered asynchronously through Gradescope. Testing will take place within a designated time frame, and students may choose when within that time frame to complete the assessment.

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Lectures will be livestreamed via Zoom webinar and will be recorded and made available asynchronously. Lecture attendance is highly encouraged, but not required.

There will be a combination of quizzes and exams administered asynchronously through Gradescope. Testing will take place within a designated time frame, and students may choose when within that time frame to complete the assessment.

Weekly homework assignments will be assigned and turned in on course.work. Students’ grades will also include lab work (see the specific lab section for details).

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</table>

This class is synchronous and will meet at the scheduled day/time. Lectures will be prerecorded. Class time will be used for discussion and clarifications.

All homework and exams will be delivered online. There will be specified time windows on Canvas for students to submit their solutions.

**Technology/Platform:** Canvas, Zoom, Slack

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</tbody>
</table>
Lab will be streamed live at the assigned meeting times (Th 11:30-1pm). Lab will also be recorded and uploaded to Canvas.

**Technology/Platform:** Canvas, Zoom, Gradescope, R/RStudio

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This class meets for discussion synchronously at the scheduled day/time. Lectures will be prerecorded. Class time will review material and allow breakouts to work on homework assignments.

Weekly homework assignments distributed and returned on Canvas. No exams. Students will complete an individual research project showcasing techniques developed in the course.
The Department of Statistics must allow students who are in its programs the opportunity to register for Statistics classes prior to removing reserved seats. Any remaining seats will be taken off of reserve on December 7, 2020. Instructors in the Statistics Department do not manage their waitlists and do not issue overrides.

This class is synchronous and meets at the scheduled day/time. Lectures will be live-streamed and recorded and be made available asynchronously. There will be weekly discussion sessions that require synchronous participation. Testing for this course will be asynchronous and will consist of multiple choice questions that will be submitted via Canvas Quizzes during a designated time frame.

Technology/Platform: Canvas, Zoom, BlueJeans.

The Department of Statistics must allow students who are in its programs the opportunity to register for Statistics classes prior to removing reserved seats. Any remaining seats will be taken off of reserve on December 7, 2020. Instructors in the Statistics Department do not manage their waitlists and do not issue overrides.

This lab is fully remote and meet synchronously at the scheduled day/time.

The Department of Statistics must allow students who are in its programs the opportunity to register for Statistics classes prior to removing reserved seats. Any remaining seats will be taken off of reserve on December 7, 2020. Instructors in the Statistics Department do not manage their waitlists and do not issue overrides.

The semiweekly lectures for this course will be recorded and made available asynchronously. The semiweekly lectures for this course will be recorded and made available asynchronously. Some lecture sessions are devoted to student presentations for which synchronous attendance is strongly encouraged. We will also have weekly discussion sessions that require synchronous participation. Testing for this course will be asynchronous and will consist of short answer and essay questions that will be submitted via Canvas Quizzes during a designated time frame.

Technology/Platform: BlueJeans or Zoom.

The Department of Statistics must allow students who are in its programs the opportunity to register for Statistics classes prior to removing reserved seats. Any remaining seats will be taken off of reserve on December 7, 2020. Instructors in the Statistics Department do not manage their waitlists and do not issue overrides.

This class is fully remote and is synchronous, it will meet at the scheduled day/time.

The Department of Statistics must allow students who are in its programs the opportunity to register for Statistics classes prior to removing reserved seats. Any remaining seats will be taken off of reserve after waitlist evaluation on December 15, 2020. Instructors in the Statistics Department do not manage their waitlists and do not issue overrides.

This class is fully remote and is synchronous, it will meet at the scheduled day/time.

The Department of Statistics must allow students who are in its programs the opportunity to register for Statistics classes prior to removing reserved seats. Any remaining seats will be taken off of reserve after waitlist evaluation on December 15, 2020. Instructors in the Statistics Department do not manage their waitlists and do not issue overrides.

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</table>
Labs will be livestreamed via Zoom, and recorded labs will be made available afterwards. Lab attendance is encouraged, but not required. Technology/Platform: Zoom.

The Department of Statistics must allow students who are in its programs the opportunity to register for Statistics classes prior to removing reserved seats. Any remaining seats will be taken off of reserve on December 15, 2020. Instructors in the Statistics Department do not manage their waitlists and do not issue overrides.

606 Comp Optim Meth Stat
3.00 ADVISORY
31208 P R LEC 001 TH 230-530PM REMOTE Sun 29 Y
This class has synchronous discussion that will meet at the scheduled day/time.

The lecture is asynchronous and will be recorded and made available online.

The weekly lectures for this course will be recorded and made available asynchronously. We will also have weekly discussion sessions that require synchronous participation.

611 Large Sample Theory
3.00 ADVISORY
13271 P R LEC 001 TTH 830-10AM REMOTE Keener 15 Y
This class is fully remote and synchronous. It will meet at the scheduled day/time.

Lectures will be livestreamed via Zoom, recorded, and be made available afterwards. Lecture attendance is encouraged, but not required.

Weekly homework and a midterm and final exam.

620 App Prob Stoch Model
3.00 ADVISORY
24011 P R LEC 001 TTH 1130-1PM REMOTE Stoev 17 Y
This class is fully remote and synchronous. It will meet at the scheduled day/time.

Lectures will be livestreamed via Zoom, recorded, and be made available afterwards. Online participation in the lectures is strongly recommended.

700 Topics Appl Stat I
1.50 ADVISORY
33988 P R LEC 011 MW 1-230PM REMOTE Gagnon Bartsch 15 Y
This class is fully remote and synchronous. It will meet at the scheduled day/time.

Lectures will be livestreamed via Zoom, and class participation is expected.

701 Topics Appl Stat II
1.50-3.00 ADVISORY
31214 P R LEC 001 TTH 10-1130AM REMOTE Tewari 21 Y
This course is intended to be a 3-credit course. If you would like to take it for 1.5 credits only, you will need permission of the instructor first.

This class is fully remote and synchronous. It will meet at the scheduled day/time.

Lectures will be livestreamed via Zoom, and class participation is expected. This advanced graduate class on reinforcement learning will focus less on homeworks and grades but more on reading research papers, discussion and a final project.

The Department of Statistics must allow students who are in its programs the opportunity to register for Statistics classes prior to removing reserved seats. Any remaining seats will be taken off of reserve on December 15, 2020. Instructors in the Statistics Department do not manage their waitlists and do not issue overrides.

40550 PD LEC 002 TTH 10-1130AM REMOTE Tewari 2 N

809 Sem-Applied Stat
1.00 ADVISORY
20460 P R SEM 001 F 10-1130AM REMOTE Panigrahi 31 N
Seminars will be livestreamed via Zoom.

811 Lit Proseminar
2.00 ADVISORY
33977 P R SEM 001 M 10-1130AM REMOTE Levin 19 Y
This section is fully remote and will meet synchronously at the scheduled day/time. Class will be live-streamed via Zoom and recorded. Synchronous participation is a substantial part of the grade. No exams; written assignments submitted and graded through Canvas.

Technology/Platform: Zoom.

990 Diss-Precand
1.00-8.00 ADVISORY
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### Women’s Studies Department

#### Women's and Gender Studies (WGS) Open Sections

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# Medicine

## Division of Anatomical Science

### Anatomy (ANATOMY) Open Sections

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### Anesthesiology Department

**Anesthesia (ANESTH) Open Sections**

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## Bioinformatics

**Bioinformatics (BIOINF) Open Sections**

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Students must provide their own laptop for class. If questions, contact the instructor.

NOTE: attendance at review sessions mandatory. Review sessions are ~ every 3 weeks on Wednesdays @ 11:00 am-12:00 pm.

**Directed Research**

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Must be taken prior to 603.

**Res Intro**

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**Diss Research / Prec**

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# Biological Chemistry Department

## Biological Chemistry (BIOLCHEM) Open Sections

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**Contact ChemicalBiology@umich.edu for registration inquiries.**

## Additional Courses

- **Critical Analysis**
  - 13365 P LEC 001 MW 2-3:30PM ARR
    - 3.00
    - Kwok, Saper, Cheng, Fleischhacker
    - 2 N

- **Intro Bio Research**
  - 13366 P LEC 001 W 4-6PM ARR
    - 2.00
    - Fuller
    - 9 N

- **Graduate Sem**
  - 13368 P SEM 001 TH 12-1PM ARR
    - 1.00
    - Ragsdale, Galban, Ninfa
    - 10 N

- **Biochem & Crystallography**
  - 25147 PD SEM 001 T 12-1PM ARR
    - 1.00
    - Vojtek
    - 6 N

- **Seminars**
  - Seminars Typically Meet in the North Lecture Hall Med Sci II. Refer to weekly email reminders.

- **Diss-Cand**
  - 19418 P LEC 001 MW 11-12PM 2244 USB
    - 3.00
    - Palve
    - 14 Y
Program in Biomedical Sciences

Biomedical Sciences (PIBS) Open Sections

503 5 Res Respons & Ethics 1.00  ADVISORY  Barolo  20  N
Students will need to complete 7 sessions of 503 and then arrange an in person meeting with their mentor/PI for a total of 8 sessions.

504 504 Rigor in Research 1.00  Barolo  100  N
This class will be taught several times over the course of the semester, much like PIBS 503, trainees will only need to attend one session. Sessions will be posted for sign up in January.

600 600 Biomed Sci Ind Std 1.00-8.00  ADVISORY  13  N
This course is for first year PIBS graduate students only.

722 722 Manuscript Writing 2.00  Puthenveedu (he/him)  17  N
This course is for first year PIBS graduate students only. Class will be held remotely.

800 800 PIBS Seminar 1.00  Barolo  11  N
## Cancer Biology Graduate Program

### Cancer Biology (CANCBIO) Open Sections

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Course takes place in 2903 THSL

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### Cell and Developmental Biology (CDB) Open Sections

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Students will need to complete 7 sessions of 503 and then arrange an in person meeting with their mentor/PI for a total of 8 sessions.

- **Intro to Histology**: Through the Looking Glass: From Stem Cells to Tissues and Organs
- **Res Resp&Ethics**: 503
- **Histol Allied Scien**: 516
- **Histology**: 550
- **Dev Genetics**: 581
- **Directed Readings**: 598
- **Graduate Seminar**: 801
- **Diss-Cand**: 995
# Cellular and Molecular Biology

**Cellular And Molecular Biology (CMBIOL) Open Sections**

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MUST BE A PIBS, CMB, OR GENETICS TRAINING GRANT STUDENT TO REGISTER!

Winter 2015: "Manipulating Genomes: Applications for Basic Science and Disease"
### Dermatology Department

#### Dermatology (DERM) Open Sections

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Human Genetics Department

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Must be a PIBS, CMB, or Genetics Training Program student to register for this course. Seminars are open to the public.
### Int Med-General Medicine

**Health and Health Care Research (HHCR) Open Sections**

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### Department of Learning Health Sciences

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Only students admitted to the Precision Health certificate program may enroll in LHS 600.

Free copies of the textbooks are available online. Please see the instructor for details.

Note: the lecture is delivered asynchronously.

Free copies of the textbooks are available online. Please see the instructor for details.

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Medical School Administration

Medical School Administration (MEDADM) Open Sections

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Graduate students must register for MICRBIOL 540 to receive graduate-level credit.

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# U of M Open Classes Only

Schedule of Classes Page 268 of 359 WN 2021 03-03-2021 17:03 25266102
# Neurology Department

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**Center For Neuroscience**

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For permission to register please e-mail the instructor at rjhryan@umich.edu with your previous relevant coursework.
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Pharmacology Department

Pharmacology (PHRMACOL) Open Sections

This section will be offered online, synchronously from 10-11:30 am on Tuesdays and Thursdays. The final exam, a poster session, will be held online on the first study day, Wednesday, April 21 from 11am-12pm.

This section will be offered online, synchronously from 2:30-4 pm on Tuesdays and Thursdays. The final exam, a poster session, will be held online on the first study day, Wednesday, April 21 from 11am-12pm.

Second Monday of the month

This is a hybrid section of PHRMACOL 612, with an option to come in-person in class or view virtual lectures synchronously. Final take home exam due March 3.

This is a distance section of PHRMACOL 612, all virtual lectures will be offered synchronously with the hybrid section (001). Final take home exam due March 3.

This is a hybrid section of PHRMACOL 617, with an option to come in-person in class or view virtual lectures synchronously.

This is a distance section of PHRMACOL 617, all virtual lectures will be offered synchronously with the hybrid section (001).

The classroom approach for this course will include online materials to watch before class (asynchronous) and online instruction during class hours (synchronous). The final for the course will be held on March 4, 2021

The is a hybrid section of PHRMACOL 617, with an option to come in-person in class or view virtual lectures synchronously.

This is a distance section of PHRMACOL 617, all virtual lectures will be offered synchronously with the hybrid section (001).

For Pharmacology Graduate Students only. This class will be held virtually for the winter 2021 term.

This is a distance section of PHRMACOL 617, all virtual lectures will be offered synchronously with the hybrid section (001).
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### Physiology Department

**Physiology (PHYSIOL) Open Sections**

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This is a 2.0 unit course for the full term.

If you are interested in the 1 credit half term, please contact Folake Graves (fograves@umich.edu).

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This is a 2.0 unit course for the full term.

If you are interested in the 1 credit half term, please contact Folake Graves (fograves@umich.edu).

### Methods in Biology

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This is a 2.0 unit course for the full term.

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For undergraduate students only: If you have not yet successfully completed MCDB 310, MCDB 311 or BIOLCHEM 415 you may not be prepared for this course.

If you haven't completed the above courses and intend on enrolling, PLEASE CONTACT Dr. Elias.

### Method and Logic

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PreMedical PostBaccalaureate Program
Post-Baccalaureate Premedical Program (MEDPREP) Open Sections
# Psychiatry Department

## Psychiatry (PSYCHIAT) Open Sections

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| 8201  | Emergency                       | 4.00| ENFORCED | 1 | N |
| 10949 | P R  CLN 001 ARR ARR            |    |         |        |           |    |

| 8202  | Forensic                        | 4.00| ENFORCED | 1 | N |
| 10952 | P R  CLN 001 ARR ARR            |    |         |        |           |    |

| 8203  | Geriatrics                      | 4.00| ENFORCED | 1 | N |
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| 8204  | Addiction Treatment Services    | 4.00| ENFORCED | 1 | N |
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| 8205  | Consultation/Liaison            | 4.00| ENFORCED | 1 | N |
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| 10967 | P R  CLN 001 ARR ARR            |    |         |        |           |    |

| 8206  | Inpatient SubI                  | 4.00| ENFORCED | 1 | N |
| 10970 | P R  CLN 001 ARR ARR            |    |         |        |           |    |
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| 8207  | Autism Disorders                | 4.00| ENFORCED | 1 | N |
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| 8208  | Pediatric Consults              | 4.00| ENFORCED | 1 | N |
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| 8209  | Eating Disorder Program         | 4.00| ENFORCED | 1 | N |
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| 8250  | Clinical Individually Arranged  | 4.00| ENFORCED | 25 | N |
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| 11384 | P R  CLN 001 ARR ARR            |    |         |        |           |    |
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| 8440  | General Research                | 4.00| ENFORCED | 5 | N |
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## Radiation Oncology

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</tbody>
</table>
Performance Instruction in the School of Music (Individual Studio Assignment in Music Performance): All students requesting performance instruction must apply online at https://smtd.umich.edu/current-students-2/policies-procedures/academic-procedures/#mfw-accordion-action-11, click on the 'students' tab and then click on the online individual studio assignment in music performance' form. Do not register until you have received an email verifying placement in a studio.

### Department Of Dance

#### Dance (DANCE) Open Sections

<table>
<thead>
<tr>
<th>CAT#</th>
<th>Course Title</th>
<th>CR</th>
<th>PREREQ</th>
<th>LAB FEE</th>
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<td>Intro to Dance</td>
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<tr>
<td>21249</td>
<td>Modern</td>
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<tr>
<td></td>
<td>Taught by dance students enrolled in DANCE 482.</td>
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<td></td>
<td>Depending upon final enrollment in class and social distancing requirements, students will have alternating days of in-person and remote instruction to safely accommodate class size.</td>
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<tr>
<td>36798</td>
<td>Site-Specific Dance</td>
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<td>This class will be remote with students taking class virtually over Zoom.</td>
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<td></td>
<td>Through choreographic prompts, we will create dances unique to our kitchens, closets, couches and stairwells. Students will view site-specific art works and gain the tools to create and share their own. As a class, we will participate in feedback sessions, exploring how architecture, and our associations with home, can inform our choices and generate ideas.</td>
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<td></td>
<td>This course is fully remote and no prior dance experience is required.</td>
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<tr>
<td>21517</td>
<td>Body Language</td>
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<td>This class will be remote with students taking class virtually over Zoom.</td>
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<td>Body Language is a course that uses movement to empower students to explore their sensuality. The class encourages people of all shapes and sizes to embrace their body as a beautiful instrument for dance resulting in development of full body awareness and connection. Class will focus on posture, walking/moving with confidence, musicality, dynamics, isolations, undulations, lines and increasing flexibility and strength. Heels are encouraged but not required. This class will also discuss Body Language’s relationship to and definition of commercial dance and explore commercial dance in comparison to concert dance.</td>
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<tr>
<td>21520</td>
<td>West African</td>
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<td></td>
<td>This class will be remote with students taking class virtually over Zoom, while the instructor streams synchronously from the studio.</td>
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<td>In this course, we will uncover the history, context, and techniques of several West-African rhythms and dances that derive from the African civilizations associated with the people of modern-day Ghana, Guinea, Mali, and Senegal. Throughout the semester, we will focus on the polyrhythmic nature of the dances, songs, rhythms, folklore traditions, customs, and music. Together, as we journey throughout the entirety of this course, we will grow to develop a deeper understanding and appreciation of West-African music, dance, and culture.</td>
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<tr>
<td>21524</td>
<td>Healing Dance and Drum Circle</td>
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<tr>
<td></td>
<td>Depending upon final enrollment in class and social distancing requirements, students will have alternating days of in-person and remote instruction to safely accommodate class size.</td>
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<tr>
<td></td>
<td>We will sing, we will dance, we will make our own music, and beat our own drums utilizing common household items that are often overlooked. Together we will share our voices, ideas, and dances we create as we offer them to the community we cultivate together. Healing Dance Sessions is a course that brings the intention and concept of ritual into multiple contexts to embrace student points of view. This improvisational dance class is designed to get us up and moving while we cultivate healing movement that can be comforting during troubling times. The purpose of this course is to provide students with the essential tools that can be useful in creating safe dance spaces as we figure out how to move through the unknown and unpredictable.</td>
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</tbody>
</table>

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discussing movement, allowing students to grow into the material presented. We will complement our practice with short reading and writing assignments and end the semester by creating and sharing our work in a final virtual showing.

21525 P LAB 011 TTH 9-10AM DANCE STUDIO C Rutherford 18 Y
Intro to Afro Modern Dance
This class will be remote with students taking class virtually over Zoom, while the instructor streams synchronously from the studio.

This beginner level course will introduce students to dance styles originating from the African Diaspora. Students will learn fundamentals of movement derived from West African, Caribbean, and African American forms and will gain historical and cultural context of these styles. Throughout the course, we will discover how these techniques inform and influence American modern dance and use those principles to create unique and diverse movement scores.

21683 P LAB 012 TTH 4-5PM DANCE STUDIO A Beck 11 Y
Modern Modern
Taught by dance students enrolled in DANCE 482.

Depending upon final enrollment in class and social distancing requirements, students will have alternating days of in-person and remote instruction to safely accommodate class size.

21711 P LAB 013 TTH 10-11AM REMOTE Howard 20 Y
Intro to Voguing
This class will be remote with students taking class virtually over Zoom.

This class touches on the history of Ballroom culture and learning individualistic expression through the 5 Elements of Voguing.

29663 P LAB 015 TTH 4-5PM DANCE STUDIO B Rutherford 22 Y
Poetry in Motion
This class will be remote with students taking class virtually over Zoom, while the instructor streams synchronously from the studio.

This beginner level course will use poetry and other mediums of cultural text as a means of choreography and movement creation.

102 Modern Dance I 1.00 ENFORCED
36801 PDR LAB 002 TTH 1215-145PM DANCE STUDIO D Frazier 19 N
Beginner/Intermediate Hip Hop
Depending upon final enrollment in class and social distancing requirements, students will have alternating days of in-person and remote instruction to safely accommodate class size.

39494 PDR LAB 003 TTH 1215-145PM DANCE STUDIO D Frazier 19 N
Beginner/Intermediate Hip Hop
This is a fully REMOTE section for Tony's Hip Hop class.

104 Modern Dance I 1.00 ADVISORY
21251 PD LAB 001 MW 12-130PM DANCE STUDIO A Miao 16 Y
Tai Chi Fusion Practice
Depending upon final enrollment in class and social distancing requirements, students will have alternating days of in-person and remote instruction to safely accommodate class size.

This course provides on-going study of modern dance practice, focusing on a Tai-Chi influenced Modern/Postmodern training. Attention will be given to the anatomical, scientific, and pedagogical foundations of dance training as well as to the artistic principle of holism. Students will develop skills to synchronize different moving paths, speeds, and qualities and learn to achieve harmony in dancing, exploring how aesthetics and cultural values of Tai Chi benefit their dance practices.

39495 PD LAB 002 MW 12-130PM DANCE STUDIO A Miao 16 Y
Tai Chi Fusion Practice
This is a fully REMOTE section for Tai Chi Fusion Practice.

112 Ballet I 1.00 ADVISORY
21252 PD LAB 001 TTH 1015-1145AM DANCE STUDIO D Rice 11 Y
Depending upon final enrollment in class and social distancing requirements, students will have alternating days of in-person and remote instruction to safely accommodate class size.

21646 PD LAB 001 F 630-8PM DANCE STUDIO A Matijas-Mecca 23 Y
Nicki Reehorst Rep
22272 PD LAB 002 ARR REMOTE Brissey (they-them) 25 Y
Charli Brissey Rep

126 FYTC 2.00
21253 PD LAB 001 F 330-630PM DANCE STUDIO A Wilson 10 Y

126 FYTC 2.00
P LAB 001 MW 4-6PM DANCE STUDIO A Wilson 10 Y

Depending upon final enrollment in class and social distancing requirements, students will have alternating days of in-person and remote instruction to safely accommodate class size.

126 FYTC 2.00
39499 PD LAB 002 F 330-630PM DANCE STUDIO D Wilson 10 Y

126 FYTC 2.00
P LAB 002 MW 4-6PM DANCE STUDIO A Wilson 10 Y
This is a fully REMOTE section for FYTC.

128 First-Year Lab 1.00 ADVISORY
39384 PD LAB 012 F 1-3PM DANCE STUDIO A West 8 Y
Ballet
This is a REMOTE section for the Ballet Lab.

39501 PD LAB 013 F 10-12PM DANCE STUDIO A Rosario 14 Y
Essence of Groove
This is a fully REMOTE section for Essence of Groove.
This is a fully REMOTE section for the Dance Theatre Lab.

Character Dance
Character Dance class - description - Class will consist of barre work getting familiar with positions and working on coordination of legs, arms and upper body in multiple combinations en face and/or in rotation and in different styles. Center work will consist of easy to more difficult combinations of steps, jumps, turns, and stamping rhythms which appear in Mazurka, Czardasz, Spanish and Russian dances. Regarding fast footwork of Spanish steps, running and jumping, I will try slowly build your stamina and give you enough time to recover from heavy breathing. In terms of partnering, we will just pretend holding our hands, while still practicing dancing in pairs.

Dance Theatre
Course Plans:
This course will be hybrid, synchronous and will require a small working space, free of physical impediments. The content of this course will be adapted to be feasible in a small moving space (roughly 100-144 sq ft). It is also possible that one of these classes will be allocated to a Zoom group discussion.

This course will actively explore interdisciplinary experiments within dance theater methodology. Structured as a low-stakes performance laboratory, it will function as a working examination on how to research, experiment within and build material for dance theater creations. You will engage in a two-hour weekly session with your peers to engage in prompts, build ideas, show works in progress, view, analyze and provide feedback. Additionally, time outside of the studio will be required to create a 3-5 minute solo that taps into the experiments investigated during class time. These solos will be presented at the close of the semester on April 16th - please mark your calendars accordingly.

Together we will make a space for playful inquiry into the interdisciplinary aspects of performance - leaning heavily into the interplay between acting and movement. We will take on the challenge of dynamic problem solving, supporting risk and experimentation in ourselves and in our peers.

Integrative Core Movement
This series of classes engages the student in learning core muscle activation in a micro (joint specific) and macro (whole body) view via movement and functional anatomy. We will focus on joint stabilization and mobilization through prescriptive core strengthening and releasing of musculoskeletal imbalances in order to create appropriate biomechanics and prevent injuries.

Chinese Folk
This class will be taught remotely over Zoom.

Connection, Diversity, Life Practice. In this course, two different Chinese folkdance styles will be introduced: Tibetan dance and Xijiang Uyghur dance. Through practicing movements, watching documentary videos, and enjoying the traditional Chinese music, and learning the Chinese language, students could experience a new culture and explore the rich dance traditions of China's numerous ethnic tribes and nationalities.

Healing Dance and Drum Circle
Depending upon final enrollment in class and social distancing requirements, students will have alternating days of in-person and remote instruction to safely accommodate class size.

We will sing, we will dance, we will make our own music, and beat our own drums utilizing common household items that are often overlooked. Together we will share our voices, ideas, and dances we create as we offer them to the community we cultivate together. Healing Dance Sessions is a course that brings the intention and concept of ritual into multiple contexts to embrace student points of view. This improvisational dance class is designed to get us up and moving while we cultivate healing movement that can be comforting during troubling times. The purpose of this course is to provide students with the essential tools that can be useful in creating safe dance spaces as we figure out how to move through the unknown and unpredictable.
This course provides on-going study of modern dance practice, focusing on a Tai-Chi influenced Modern/Postmodern training. Attention will be given to the anatomical, scientific, and pedagogical foundations of dance training as well as to the artistic principle of holism. Students will develop skills to synchronize different movement paths, speeds, and qualities and learn to achieve harmony in dancing, exploring how aesthetics and cultural values of Tai Chi benefit their dance practices.

**Ballet II**

- **214 Ballet II**
  - **21258 PD LAB 002**
  - **2125-001 MW 12-30PM**
  - **DANCE STUDIO A**
  - **Beck**
  - **10 Y**

Depending upon final enrollment in class and social distancing requirements, students will have alternating days of in-person and remote instruction to safely accommodate class size.

**Sophomore Repertory**

- **222 Sophomore Repertory**
  - **21583 PD LAB 002**
  - **21254 MW 1-3PM**
  - **DANCE STUDIO B**
  - **Beck**

This course is to provide students with the essential tools that can be useful in creating safe dance spaces as we figure out how to move through the unknown and unpredictable.

**Essence of Groove**

- **20984 PD LAB 002**
  - **21254 TTH 10-12PM**
  - **DANCE STUDIO A**
  - **Rosario**

This course will explore the nature of movement in spaces inspired by rhythm and expression of emotion. These spaces include nightclub, festivals, and social gatherings. The terms groove and groovin’ have various meanings that still continue to evolve over time. We will experiment with these definitions and their relationship to movement and interaction. This class is not defined by any particular movement style, but will have influences in funk, jazz, soul, disco, hip-hop, west-african, afro-caribbean and anti-pop. Dancers will be asked to utilize improvisation and to exercise creativity as they learn choreography and movement scores. Along with online participation, students will be required to complete written assignments and a solo choreography assignment.

**Character Dance**

- **20985 PD LAB 003**
  - **21254 F 10-12PM**
  - **DANCE STUDIO B**
  - **Jelinkova**

**Dance Theatre**

Course Plans:

- This course will be hybrid, synchronous and will require a small working space, free of physical impediments. The content of this course will be adapted to be feasible in a small moving space (roughly 100-144 sq ft).

- It is also possible that one of these classes will be allocated to a Zoom group discussion.

- Together we will make a space for playful inquiry into the interdisciplinary aspects of performance - leaning heavily into the interplay between acting and movement. We will take on the challenge of dynamic problem solving, supporting risk and experimentation in ourselves and in our peers.
**Course Plans:**

**Dance Theatre**

In terms of partnering, we will just pretend holding our hands, while still practicing dancing in pairs. Running and jumping, I will try slowly build your stamina and give you enough time to recover from heavy breathing.

Rhythms which appear in Mazurka, Czardasz, Spanish and Russian dances. Regarding fast footwork of Spanish steps, styles. Center work will consist of easy to more difficult combinations of steps, jumps, turns, and stamping on coordination of legs, arms and upper body in multiple combinations en face and/or in rotation and in different spaces.

**Character Dance class - description** - Class will consist of barre work getting familiar with positions and working in-person and remote instruction to safely accommodate class size.

Depending upon final enrollment in class and social distancing requirements, students will have alternating days of in-person and remote instruction to safely accommodate class size.

Dunham Technique is a vibrant African American dance form that engages the body, mind and spirit! Created by dance pioneer Katherine Dunham, the technique is informed by the traditional dances of the African Diaspora, as well as by modern and ballet.

**Integrative Core Movement**

This series of classes engages the student in learning core muscle activation in a micro (joint specific) and macro (whole body) view via movement and functional anatomy. We will focus on joint stabilization and mobilization through prescriptive core strengthening and releasing of musculoskeletal imbalances in order to create appropriate biomechanics and prevent injuries.

**Intermed/Adv Limon & Repertory**

The Limon technique is based upon the movement style and philosophy of theater developed by modern dance pioneers, Doris Humphrey and Charles Weidman. Jose Limon founded the Limon Dance Company with Doris Humphrey in 1946 and the technique has continued to flourish and shape American modern dance as we know it today. Using selections from Limon repertory, we will find freedom in our joints, connection to the earth, suspension in the body, and texture in movement. Exploring the concepts of weight, breath, fall and recovery, we will discover ways this timeless technique is relevant to our contemporary practice today. This is a class for intermediate and advanced dancers that will include more complex steps and rhythms.

**Chinese Folk**

This class will be taught virtually over Zoom.

Connection, Diversity, Life Practice. In this course, two different Chinese folkdance styles will be introduced: Tibetan dance and Xinjiang Uyghur dance. Through practicing movements, watching documentary videos, and enjoying the traditional Chinese music, and learning the Chinese language, students could experience a new culture and explore the rich dance traditions of China's numerous ethnic tribes and nationalities.

**Ballet III**

3256 PD LAB 001 TTH 8:30-10AM DANCE STUDIO D Jelinkova

Depending upon final enrollment in class and social distancing requirements, students will have alternating days of in-person and remote instruction to safely accommodate class size.

**Junior Repertory**

21531 PD LAB 001 F 6:30-8PM DANCE STUDIO A Matijas-Mecca

**Junior Lab**

20986 PD LAB 001 F 1-3PM DANCE STUDIO A West

**Ballet**

20987 PD LAB 002 F 10-12PM DANCE STUDIO A Rosario

**Essence of Groove**

This course will explore the nature of movement in spaces inspired by rhythm and expression of emotion. These spaces include nightclubs, festivals, and social gatherings. The terms groove and groovin' have various meanings that still continue to evolve over time. We will experiment with these definitions and their relationship to movement and interaction. This class is not defined by any particular movement style, but will have influences in funk, jazz, soul, disco, hip-hop, west-african, afro-caribbean and anti-pop. Dancers will be asked to utilize improvisation and to exercise creativity as they learn choreography and movement scores. Along with online participation, students will be required to complete written assignments and a solo choreography assignment.

**Character Dance**

Character Dance class - description - Class will consist of barre work getting familiar with positions and working on coordination of legs, arms and upper body in multiple combinations en face and/or in rotation and in different styles. Center work will consist of easy to more difficult combinations of steps, jumps, turns, and stamping rhythms which appear in Mazurka, Czardasz, Spanish and Russian dances. Regarding fast footwork of Spanish steps, running and jumping, I will try slowly build your stamina and give you enough time to recover from heavy breathing.

In terms of partnering, we will just pretend holding our hands, while still practicing dancing in pairs.

**Dance Theatre**

Course Plans:

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**CAT# Course Title CR PREREQ LAB FEE**

| 29684 PD LAB 006 F 1-3PM REMOTE Whyatt | 17 Y |
| 29685 PD LAB 007 F 4-6PM DANCE STUDIO A Brading she-her | 12 Y |
| 29686 PD LAB 008 MW 4-530PM REMOTE Wang | 15 Y |

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**Course Schedule**

U of M Open Classes Only Schedule of Classes

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This course will be hybrid, synchronous and will require a small working space, free of physical impediments. The content of this course will be adapted to be feasible in a small moving space (roughly 100-144 sq ft). It is also possible that one of these classes will be allocated to a Zoom group discussion.

This course will actively explore interdisciplinary experiments within dance theater methodology. Structured as a low-stakes performance laboratory, it will function as a research framework with and build material for dance theater creations. You will engage in a two-hour weekly session with your peers to engage in prompts, build ideas, show works in progress, view, analyze and provide feedback. Additionally, time outside of the studio will be required to create a 3-5 minute solo that taps into the experiments investigated during class time. These solos will be presented at the close of the semester on April 16th - please mark your calendars accordingly.

Together we will make a space for playful inquiry into the interdisciplinary aspects of performance - leaning heavily into the interplay between acting and movement. We will take on the challenge of dynamic problem solving, supporting risk and experimentation in ourselves and in our peers.

Integrative Core Movement
This series of classes engages the student in learning core muscle activation in a micro (joint specific) and macro (whole body) view via movement and functional anatomy. We will focus on joint stabilization and mobilization through prescriptive core strengthening and releasing of musculoskeletal imbalances in order to create appropriate biomechanics and prevent injuries.

Chinese Folk
This class will be taught virtually over Zoom.

Connection, Diversity, Life Practice. In this course, two different Chinese folkdance styles will be introduced: Tibetan dance and Xinjiang Uyghur dance. Through practicing movements, watching documentary videos, and enjoying the traditional Chinese music, students could experience a new culture and explore the rich dance traditions of China's numerous ethnic tribes and nationalities.

This class will be taught virtually over Zoom.

Combining a holistic approach to cross training and recovery with an ambitious exploration of floorwork methodologies, this course aims to build strength, stamina, dynamic versatility, and overall health for movement practitioners. The course has been crafted to circumvent small space issues by dedicating studio time for our floorwork practice and at-home space for the asynchronous, conditioning component.

Depending upon final enrollment in class and social distancing requirements, students will have alternating days of in-person and remote instruction to safely accommodate class size.

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<tr>
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U of M Open Classes Only Schedule of Classes Page 294 of 359 WN 2021 2320 03-03-2021 17:03 25266102
**Integrative Core Movement**

This series of classes engages the student in learning core muscle activation in a micro (joint specific) and macro (whole body) view via movement and functional anatomy. We will focus on joint stabilization and mobilization through prescriptive core strengthening and releasing of musculoskeletal imbalances in order to create appropriate biomechanics and prevent injuries.

**Course Plans:**

- **Character Dance**
  - **Character Dance class - description - Class will consist of barre work getting familiar with positions and working on coordination of legs, arms and upper body in multiple combinations en face and/or in rotation and in different styles. Center work will consist of easy to more difficult combinations of steps, jumps, turns, and stamping rhythms which appear in Mazurka, Czardasz, Spanish and Russian dances. Regarding fast footwork of Spanish steps, running and jumping, I will try slowly build your stamina and give you enough time to recover from heavy breathing. In terms of partnering, we will just pretend holding our hands, while still practicing dancing in pairs.**
  - **Course Plans:**
    - **Dance Theatre**
      - **Dance Theatre course Plans:**
        - **This course will be hybrid, synchronous and will require a small working space, free of physical impediments. The content of this course will be adapted to be feasible in a small moving space (roughly 100-144 sq ft). It is also possible that one of these classes will be allocated to a Zoom group discussion. This course will actively explore interdisciplinary experiments within dance theater methodology. Structured as a low-stakes performance laboratory, it will function as a working examination on how to research, experiment within and build material for dance theater creations. You will engage in a two-hour weekly session with your peers to engage in prompts, build ideas, show works in progress, view, analyze and provide feedback. Additionally, time outside of the studio will be required to create a 3-5 minute solo that taps into the experiments investigated during class time. These solos will be presented at the close of the semester on April 16th - please mark your calendars accordingly. Together we will make a space for playful inquiry into the interdisciplinary aspects of performance - leaning heavily into the interplay between acting and movement. We will take on the challenge of dynamic problem solving, supporting risk and experimentation in ourselves and in our peers.**
      - **Integrative Core Movement**
        - **This series of classes engages the student in learning core muscle activation in a micro (joint specific) and macro (whole body) view via movement and functional anatomy. We will focus on joint stabilization and mobilization through prescriptive core strengthening and releasing of musculoskeletal imbalances in order to create appropriate biomechanics and prevent injuries.**
      - **This course will be hybrid, synchronous and will require a small working space, free of physical impediments. The content of this course will be adapted to be feasible in a small moving space (roughly 100-144 sq ft). It is also possible that one of these classes will be allocated to a Zoom group discussion. This course will actively explore interdisciplinary experiments within dance theater methodology. Structured as a low-stakes performance laboratory, it will function as a working examination on how to research, experiment within and build material for dance theater creations. You will engage in a two-hour weekly session with your peers to engage in prompts, build ideas, show works in progress, view, analyze and provide feedback. Additionally, time outside of the studio will be required to create a 3-5 minute solo that taps into the experiments investigated during class time. These solos will be presented at the close of the semester on April 16th - please mark your calendars accordingly. Together we will make a space for playful inquiry into the interdisciplinary aspects of performance - leaning heavily into the interplay between acting and movement. We will take on the challenge of dynamic problem solving, supporting risk and experimentation in ourselves and in our peers.**

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<thead>
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</table>

**36x108** through prescriptive core strengthening and releasing of musculoskeletal imbalances in order to create appropriate **(whole body) view via movement and functional anatomy. We will focus on joint stabilization and mobilization** through prescriptive core strengthening and releasing of musculoskeletal imbalances in order to create appropriate biomechanics and prevent injuries.
The Limon technique is based upon the movement style and philosophy of theater developed by modern dance pioneers, Doris Humphrey and Charles Weidman. Jose Limon founded the Limon Dance Company with Doris Humphrey in 1946 and the technique has continued to flourish and shape American modern dance as we know it today. Using selections from Limon repertory, we will find freedom in our joints, connection to the earth, suspension in the body, and texture in movement. Exploring the concepts of weight, breath, fall and recovery, we will discover ways this timeless technique is relevant to our contemporary practice today. This is a class for intermediate and advanced dancers that will include more complex steps and rhythms.

**Teaching Methods**

Dance 482.002 will meet in Studio A.

Depending upon final enrollment in class and social distancing requirements, students will have alternating days of in-person and remote instruction to safely accommodate class size.

**Field Experience**

Dance 482.002 will be held in Mary Cole’s office - Room 3501 in the dance building for any in-person meetings.

**Ballet Fundamentals**

Dance 482.002 will be held in Mary Cole’s office - Room 3501 in the dance building for any in-person meetings.

**Independent Study**

Depending upon final enrollment in class and social distancing requirements, students will have alternating days of in-person and remote instruction to safely accommodate class size.

**Advanced Dance Making Lab**

Depend upon final enrollment in class and social distancing requirements, students will have alternating days of in-person and remote instruction to safely accommodate class size.

**Contemporary Dance Lab**

Depending upon final enrollment in class and social distancing requirements, students will have alternating days of in-person and remote instruction to safely accommodate class size.

**Intermediate Dunham**

Dunham Technique is a vibrant African American dance form that engages the body, mind and spirit! Created by dance pioneer Katherine Dunham, the technique is informed by the traditional dances of the African Diaspora, as well as by modern and ballet.

This class meets in Studio D in the Dance Building.
Course Plans:
This course will be hybrid, synchronous and will require a small working space, free of physical impediments. The content of this course will be adapted to be feasible in a small moving space (roughly 100-144 sq ft). It is also possible that one of these classes will be allocated to a Zoom group discussion.

This course will actively explore interdisciplinary experiments within dance theater methodology. Structured as a low-stakes performance laboratory, it will function as a working examination on how to research, experiment within and build material for dance theater creations. You will engage in a two-hour weekly session with your peers to engage in prompts, build ideas, show works in progress, view, analyze and provide feedback. Additionally, time outside of the studio will be required to create a 3-5 minute solo that taps into the experiments investigated during class time. These solos will be presented at the close of the semester on April 16th - please mark your calendars accordingly.

Together we will make a space for playful inquiry into the interdisciplinary aspects of performance - leaning heavily into the interplay between acting and movement. We will take on the challenge of dynamic problem solving, supporting risk and experimentation in ourselves and in our peers.

Depending upon final enrollment in class and social distancing requirements, students will have alternating days of in-person and remote instruction to safely accommodate class size.

Combining a holistic approach to cross training and recovery with an ambitious exploration of floorwork methodologies, this course aims to build strength, stamina, dynamic versatility, and overall health for movement practitioners. The course has been crafted to circumvent small space issues by dedicating studio time for our Floorwork practice and at-home space for the asynchronous, conditioning component.

This is a fully REMOTE section for Gillen Floorwork & Dynamic Conditioning.

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Dunham Technique is a vibrant African American dance form that engages the body, mind and spirit! Created by dance pioneer Katherine Dunham, the technique is informed by the traditional dances of the African Diaspora, as well as by modern and ballet.

Combining a holistic approach to cross training and recovery with an ambitious exploration of floorwork methodologies, this course aims to build strength, stamina, dynamic versatility, and overall health for movement
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School of Music, Theatre and Dance

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Baroque Cello (BARCELLO) Open Sections

Baroque Oboe (BAROBOE) Open Sections

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**U of M Open Classes Only Schedule of Classes**

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Guitar (GUITAR) Open Sections

Harp (HARP) Open Sections

Harpsichord (HARPSCH) Open Sections

Jazz & Improvisational Studies (JAZZ) Open Sections

Fund Rhythm B

This is a companion course to "Fundamentals of Rhythm A: the grid," but does not require this course as a prerequisite. "Fundamentals of Rhythm A" explored rhythms on human made grid systems such as even pulses, quantized subdivisions, metric cycles and song forms. This course will look at rhythms that more generally fall "off the grid" or "in the cracks." This includes rhythms of speech, gesture, and rhythms of the natural world. In musical applications, we will look at the some of the varieties of experience that fall into the category of "feel," including groove, flow, pocket and swing. As in the first semester course, students will not bring instruments to class. All work will be done with singing and clapping in order to developing, hearing, memory, and internalization of rhythms.

Integral Jazz Mysticism

Integral Jazz Mysticism

Elected concurrently and meets with MUSED 349, section 003.

Music Education (MUSED) Open Sections

Choral Tech Meth Sec

Choral Tech Meth Sec

Elected concurrently and meets with MUSED 349, section 003.

Teach Gen Mus Sec

Elem Band Methods

Tch Elem Music
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**Musicology (MUSICOL) Open Sections**

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506 Special Course in Virtuo&Collab ErlMod
507 Special Course in Latinx Music in the US
508 Special Course in Medieval Music
514 Hist Opera 19-20c
581 Special Projects in Sound, Senses, Affect
506 Special Course in Opera as Comedy
621 Hist Mus Thry
643 Mus of the Baroque
706 Special Course in Virtuo&Collab ErlMod
881 Special Readings in Opera as Comedy
990 Diss-Precand
995 Diss-Cand

Music Performance (MUSPERF) Open Sections

NOTE - STUDENTS ELECTING COURSES NUMBERED 591, 891, 990, AND 995 MUST FILL OUT APPLICATION FOR INSTRUCTION IN MUSIC PERFORMANCE AT 2277 SCHOOL OF MUSIC DURING REGISTRATION.
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**Musical Theatre (MUSTHTRE) Open Sections**

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Design Lab
MUST be elected concurrently with section PAT 412, section 001.

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Media Technology Careers

This course explores how today's leading technology companies bring products to market and how artists, musicians, composers, engineers, business and computer science students might contribute and become part of these companies. Topics include best practices to department functions. Online resources offer insights into real, working companies. Instructor will visit campus to meet with students.

There is also a section titled "Design Lab" which classifies as "media technology careers". Here, it states:

Class to meet in the Dance Building, Studio B

Design Lab

PAT 513, section 002 MUST be elected concurrently with PAT 513, section 001.

Percussion (PERCUSS) Open Sections

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Piano (PIANO) Open Sections

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Non-SMTD Only

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### Piano Literature and Pedagogy (PIANOLP) Open Sections

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### Sonic booms

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Beyond Boundaries
This course focuses on African American composer/improvisers in the twentieth- and twenty-first centuries whose work rejects and critiques simplistic compartmentalization in terms of improvisation, composition, genre, gender, race, sexuality, and place. On the contrary, these musicians embody Duke Ellington’s famous dictum regarding great music being “beyond category.” Students will critically discuss some of the common threads in this network: musicians’ means of creating and performing their original music, its distribution and reception in the marketplace and surrounding critical discourse, intersections of race, gender, place, and class within and outside of their communities, and interdisciplinary and community-based collaboration. Crucially, the meaning of these identity markers shifts in these various contexts, and students will analyze these multifarious manifestations through a combination of reading primary and secondary texts, as well as close listening and viewing of musical performances.
Musical communities encompassed in this course include the Association for the Advancement of Creative Musicians (AACM), Sun Ra’s Arkestra, The Pan African Peoples Arkestra, and the Jazz Composers Guild. Our survey also includes contemporary artists such as Nicole Mitchell, Matana Roberts, and Tyshawn Sorey. We also carefully analyze whiteness in experimental music through the work of John Cage and his “downtown” contemporaries and contrast this formation with the black experimental musical tradition. This class is for graduate and undergraduate students. Undergraduates must have taken THEORY 240 and 250.

570 Directed Indiv Study
- CR: 1.00-4.00
- ADVISORY
- LAB Fee

621 Hist Mus Thry
- CR: 3.00
- ADVISORY

805 Seminar in Theory
- CR: 3.00

807 Research Project
- CR: 2.00-4.00

900 Preliminary Exam
- CR: 1.00

995 Diss-Cand
- CR: 8.00
- ENFORCED

Trombone (TROMBONE) Open Sections
- CR: 2.00-4.00

Trumpet-Cornet (TRUM) Open Sections

Viola (VIOLA) Open Sections

Violin (VIOLIN) Open Sections

Voice (VOICE) Open Sections

Voice Literature (VOICELIT) Open Sections
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This section is intended for Directors and InterArts majors.

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## School Of Nursing

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<td>ENFORCED</td>
<td>Darbes</td>
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HS 542 meets together with SW 542 and EDUC 542. The course will meet remotely for a one-day workshop on April 3 from 9am-5pm. Please refer to Canvas or contact the course instructor for the additional required class assignments that must be completed outside of the remote workshop.

### Nursing (NURS) Open Sections

<table>
<thead>
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<th>LAB FEE</th>
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<td>34068</td>
<td>NURS 672 will meet on 1/25, 2/22, 3/22, and 4/19. Students can attend class remotely or in person.</td>
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<td>990</td>
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<td>IND</td>
<td>ARR</td>
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Professional Nursing Education (PNE) Open Sections
### Officer Education Programs

#### Air Force Officer Education Program (AERO) Open Sections

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<tr>
<td>28877</td>
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<td>14844</td>
<td>A LAB 005 TH 4-6PM AUD 3 MLB</td>
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</tbody>
</table>

Students participating in Air Force ROTC need to register for the lab section. Please contact the department at 734-764-2403 with questions.

| 202  | Tm&Ldrship Basic II          | 1.00| ADVISORY|         |           |     |
| 29896| P LEC 001 TH 11-12PM REMOTE | Penny | 11 | N       |         |     |
| 29897| P LEC 002 F 9-10AM REMOTE   | Penny | 1  | N       |         |     |
| 29898| S LAB 003 TH 4-6PM AUD 3 MLB|         |     |         |         |     |

Students participating in Air Force ROTC need to register for the lab section. Please contact the department at 734-764-2403 with questions.

| 311  | Leadership & Comm II         | 3.00| ADVISORY|         |           |     |
| 14845| P SEM 001 TH 11-2PM REMOTE  | Wilkinson | 7 | N       |         |     |
| 14846| P SEM 002 F 9-12PM REMOTE   | Wilkinson | 8 | N       |         |     |
| 14847| A LAB 003 TH 4-6PM AUD 3 MLB|         |     |         |         |     |

Students participating in Air Force ROTC need to register for the lab section. Please contact the department at 734-764-2403 with questions.

| 411  | Prep for USAF AD II          | 3.00| ENFORCED|         |           |     |
| 14848| P R SEM 001 TH 11-2PM REMOTE| Smith | 10 | N       |         |     |
| 14849| P R SEM 002 F 9-12PM REMOTE | Smith | 9  | N       |         |     |

Students participating in Air Force ROTC need to register for the lab section. Please contact the department at 734-764-2403 with questions.
### Army Officer Education Program

#### Military Science (MILSCI) Open Sections

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<tr>
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<td>Ind Stdy-Dir Rdg 499</td>
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## Navy Officer Education Program

### Naval Science (NAVSCI) Open Sections

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<td>Nguyen</td>
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<td>Non-ROTC students do not attend the labs.</td>
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| 202  | **Elec Sens Sys**         |     |        |         |            |    |
| 14863 | P  LEC 001  MW            | 3.00| ADVISORY|         | 4          | Y  |
|      | Non-ROTC students do not attend the labs. |   |        |         |            |    |
| 14864 | P  LEC 001  MW            | 10-1130AM| Dyer Jr|         | 8          | N  |
|      | Non-ROTC students do not attend the labs. |   |        |         |            |    |
| 18574 | A  LAB 003  W             | 530-730AM| Dyer Jr|         | 11         | N  |
|      | Non-ROTC students do not attend the labs. |   |        |         |            |    |

| 301  | **Navigation**            |     |        |         |            |    |
| 18705 | P  LEC 001  MW            | 10-1130AM| Vitug |         | 9          | N  |
|      | Non-ROTC students do not attend the labs. |   |        |         |            |    |
| 18713 | A  LAB 003  W             | 530-730AM| Vitug |         | 11         | N  |
|      | Non-ROTC students do not attend the labs. |   |        |         |            |    |

| 310  | **Fund Man War**          |     |        |         |            |    |
| 34771 | P  LEC 001  TTH           | 3.00| ADVISORY|         | 5          | N  |
|      | Non-ROTC students do not attend the labs. |   |        |         |            |    |
| 402  | **Leadership&Ethsics**    |     |        |         |            |    |
| 14864 | P  SEM 001  MW            | 3.00| ADVISORY|         | 10         | N  |
|      | Non-ROTC students do not attend the labs. |   |        |         |            |    |
| 21888 | P  SEM 003  MW            | 1-230PM| Getz |         | 11         | N  |
|      | Non-ROTC students do not attend the labs. |   |        |         |            |    |
| 14865 | A  LAB 004  W             | 530-730AM| Getz |         |            |    |
|      | Non-ROTC students do not attend the labs. |   |        |         |            |    |

| 410  | **Evol of Warfare**       |     |        |         |            |    |
| 28644 | P  LEC 001  TTH           | 3.00| ADVISORY|         | 10         | N  |
|      | Non-ROTC students do not attend the labs. |   |        |         |            |    |

U of M Open Classes Only Schedule of Classes  Page 323 of 359  WN 2021 2320 03-03-2021 17:03 25266102
# Pharmacy

## College Of Pharmacy

### Clinical Pharmacy Translational Science (CPTS) Open Sections

<table>
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<tr>
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<tr>
<td>822</td>
<td>Pharmacogenomics</td>
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<td>ARR</td>
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<td>R IND +</td>
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### Integrated Pharmaceutical Sciences (INTPHARM) Open Sections

<table>
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MSIPS students only.

### Medicinal Chemistry (MEDCHEM) Open Sections

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<td>27697</td>
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Course prerequisite- Biochemistry with a grade of C- or higher. Some class sessions will be asynchronous, please see class syllabus for additional details.

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<td>12-2PM</td>
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BSPS Senior Students only. Lab and lecture will offered as remote, synchronous.

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BSPS Senior Students only. Lab and lecture will offered as remote, synchronous.

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<td>P LEC 001 MWF</td>
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This course meets for the first half of the term: 1/8/13 - 2/24/14.

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<td>Investig Med Chem</td>
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Students may attend lecture in-person or remote only. Discussion is offered as remote only for all students.

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</table>

Second and third year Pharmacy students or permission. Lecture will be remote only for all students. Students can attend the discussion in-person or patriciate remotely.

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Second and third year Pharmacy students or permission. Lecture will be remote only for all students. Students can attend the discussion in-person or participate remotely.

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See CANVAS site for class schedule.

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For seminar dates and locations (zoom/remote or in-person), please view the department schedule at https://pharmacy.umich.edu/medchem/seminars.

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Remote, synchronous

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Remote, synchronous
Remote, synchronous. Some class sessions will be held as remote, asynchronous. Please see syllabus for additional information.

512  Self-Care  

Lab will be offered as remote-synchronous and asynchronous. At least 1 in-person required lab will be held, additional information will be provided in the class syllabus.

514  Pharm Pract Skills II  

Remote- synchronous.

516  Hlth Care Systems I  

Remote-synchronous. Some asynchronous class sessions may be scheduled, see syllabus for additional information.

517  Health & Disability  

Remote- synchronous. One in-person activity will be scheduled for all students enrolled. Course is open to pharmacy, nursing, social work, medicine, and dentistry students. Please email cop.registrar@umich.edu for permission to enroll.

527  Personal Phinance  

First 7 week session course. Remote, synchronous.

570  Research  

Remote- synchronous.

612  Therap Prob Solv II  

Remote- synchronous. Some required in-person labs will be scheduled during the term, see class syllabus for details.

613  Ambulatory Care IPPE  

Remote-synchronous.

616  Hlth-Sys Pharm Pract  

Remote- synchronous.

621  Pharmacotherapeu II  

Remote- asynchronous.

647  Intro Clin Trials  

Discussion is remote-synchronous. Both components of this class are required.

703  Health Sys/Hosp IPPE  

Lecture is remote-asynchronous, 1 hour/week.

719  Research Data Analy  

Remote- synchronous. Third year Pharmacy students and College of Pharmacy Graduate Students (MedChem, PharmSci, CPTS).

733  Pharm Pract Skills IV  

Remote- synchronous. Some class sessions will be held as remote, asynchronous. Please see syllabus for additional information.
Remote- synchronous. Some class sessions will be held as asynchronous. Required in-person sessions will also be scheduled during the term, see syllabus for additional information.

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## Public Health

### Biostatistics Department

### Biostatistics (BIOSTAT) Open Sections

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STUDENTS MUST ELECT LAB AND LECTURE SECTIONS.

### Practical Training

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Contact Nicole Fenech (fenechn@umich.edu) or Fatma Nedjari (fned@umich.edu) to obtain permission - if needed.

### Readings in Biostat

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Override requests should be sent to the instructor and sph.bio.inquiries@umich.edu.

### ML for Health Sci

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Override requests should be sent to the instructor and sph.bio.inquiries@umich.edu.

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Override requests should be sent to the instructor and sph.bio.inquiries@umich.edu.

### Thry App Gen Lin Mod

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Override requests should be sent to the instructor and sph.bio.inquiries@umich.edu.

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Only Biostatistics students should be able to register directly. All non-Biostats students should e-mail the course instructor for an override.

### Adv Topc Comp Stat

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## Environmental Health Sciences

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This section is reserved for the Population and Health Sciences program. Students from outside that specific program can not enroll.

Drop/Add Deadline: February 8, 2021

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This section is reserved for the Population and Health Sciences program. Students from outside that specific program can not enroll.

Drop/Add Deadline: January 11, 2021

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This section is reserved for the Population and Health Sciences program. Students from outside that specific program can not enroll.

Drop/Add Deadline: March 8, 2021

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This section is reserved for the Population and Health Sciences program. Students from outside that specific program can not enroll.

Drop/Add Deadline: April 5, 2021
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24 N
## Epidemiology Department

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Drop/Add Deadline: February 8, 2021

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Drop/Add Deadlines: March 22, 2021

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Health Management And Policy

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This course introduces the students to the use of spreadsheets and relational databases for decision-making. It covers data manipulation and analysis, formatting, and visualization using R (please note: this is a change from the use of Microsoft Excel from last year; background in R, while helpful, is NOT a requirement); as well as design and implementation of, and data retrieval from, small-to-medium relational database systems using Microsoft Access.

On the following Thursdays the course will meet in G020 SPH2: January 9th, February 6th, February 13th, March 12th, March 26th, and April 9th.

This course will meet in 1655 SPH1 on most Thursdays.

This section is reserved for the Population and Health Sciences program. Students from outside that specific program can not enroll.

Drop/Add Deadline: February 15, 2021

This section is reserved for the Population and Health Sciences program. Students from outside that specific program can not enroll.

Drop/Add Deadline: March 22, 2021

This course is reserved for students in the Executive Masters Program. Students from outside that specific program can not enroll.

Drop/Add Deadline: January 11, 2021

This course section is reserved for students in the Executive Masters Program.

Drop/Add Deadline: February 15, 2021

This course section is reserved for students in the Executive Masters Program.

Drop/Add Deadline: March 22, 2021

This course section is reserved for students in the Executive Masters Program.

This course section is reserved for students in the Executive Masters Program.

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## Health Behavior & Health Education Department

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# Nutritional Sciences

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**Notes:**
- **ADVISORY:** Students must have prior approval from the instructor.
- **ENFORCED:** Participation is required.
- **REMOTE:** Classes are conducted online.
- **IND:** Independent study.
- **SEM:** Seminar.
- **LEC:** Lecture.
- **ARR:** Arranged.
- **DR:** Directed research.

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**U of M Open Classes Only Schedule of Classes**

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School Of Public Health

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For more information about the course and registration, see here: https://tinyurl.com/PH200-Winter2021

For registration questions, contact Jillian McConville:
jmconv@umich.edu

308 Black American Hlth

3.00 ADVISORY

For registration questions, contact Jillian McConville at jmconv@umich.edu.

29655 P R DIS 001 T 3-6PM REMOTE Anderson 4 Y

310 Nutrition Life Cycle

3.00 ADVISORY

For registration questions, contact Jillian McConville at jmconv@umich.edu.

25022 P R DIS 002 T 8-9AM REMOTE Gersten 2 Y

25378 P R DIS 004 F 9-10AM REMOTE Gersten 1 Y

29951 P R DIS 005 TH 10-11AM REMOTE Gersten 6 Y

For registration questions, contact Jillian McConville at jmconv@umich.edu.

383 Data Driven Pubhlth

4.00 ENFORCED

For registration questions, contact Jillian McConville at jmconv@umich.edu.

29664 P R DIS 001 T 430-530PM REMOTE Covert 7 Y

33961 P R DIS 005 TH 9-10AM REMOTE Covert 3 Y

For registration questions, contact Jillian McConville at jmconv@umich.edu.

Students planning to apply to the public health major should not enroll in this course.

477 Readings in PUBHLTH

1.00-3.00

478 PracticalProjects PH

1.00-3.00

479 Indepen Research PH

1.00-3.00

510 Communication

1.00

36081 P R LEC 001 T 1130-1PM REMOTE Zawistowski 23 N

Enforced prerequisite courses: PUBHLTH 370 or BIOLOGY 207, AND PUBHLTH 311 or BIOLOGY 305.

For registration questions, contact Jillian McConville at jmconv@umich.edu.

Public health undergraduates are given priority access to enroll in this course, enrollment is restricted to these students until 12/05/20.

511 Nutr Pub Health

2.00

31896 P R DIS 002 T 2-3PM REMOTE Peterson, Leung, McGowan 2 N

31897 P R DIS 004 TH 2-3PM REMOTE Peterson, Leung, Truett 1 N

31898 P R DIS 005 TH 2-3PM REMOTE Peterson, Leung, Rodriguez 1 N

31883 A LEC 001 T 1-2PM REMOTE Carmona 1 N

512 Prin Epid Pub Hlth

3.00 ADVISORY

36809 P R DIS 002 T 10-1130AM REMOTE Buxton, O'Neil 1 N

36810 P R DIS 003 TH 10-1130AM REMOTE Buxton, O'Neil 4 N

29268 A LEC 001 T 10-1130AM REMOTE Buxton, O'Neil 4 N

513 PUBHLTH Sys Pol Mgt

3.00

36079 P R LEC 001 W 7-830PM REMOTE Rubyan 2 N

This section is reserved for the Population and Health Sciences program. Students from outside that specific program can not enroll.

Drop/Add Deadline: January 11, 2021

514 Pub Hlth Sci Environ

2.00

31881 P R LEC 001 T 1-3PM REMOTE Neitzel, McDonald, Rib 145 N

36082 P R LEC 003 W 7-830PM REMOTE Neitzel 4 N

This section is reserved for the Population and Health Sciences program. Students from outside that specific program can not enroll.

Drop/Add Deadline: January 11, 2021

515 Population Health

3.00 ADVISORY, ENFORCED

36084 P R LEC 001 W 7-830PM REMOTE Kardia 4 N

This section is reserved for the Population and Health Sciences program. Students from outside that specific program can not enroll.

Drop/Add Deadline: March 22, 2021

516 Leadership IP Pract

1.00

32201 P R LEC 001 M 1-3PM REMOTE Beck, Bess, Best 1 N

32202 P R LEC 002 M 1-3PM REMOTE Beck, Bess, Best 73 N

For more information about the course and registration, see here: https://tinyurl.com/PH200-Winter2021

For registration questions, contact Jillian McConville:
jmconv@umich.edu

U of M Open Classes Only Schedule of Classes  Page 336  of  359  WN 2021 2320 03-03-2021 17:03 25266102
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at the federal level. We then examine critically the basic claims used to justify campaign finance regulations.

followed this trend. But is that a bad thing? We will begin the course by reviewing the campaign finance system
PACs and "dark money" organizations unfettered by federal regulation. Spending in many state elections has
the trend. Campaign spending in the midterms exceeded $5 billion for the first time, much of it coming from Super
Federal election spending from all sources has doubled over the last twenty years and the 2018 election continued
Topic: Campaign Finance Reform

Campaign Finance Reform

This course, structured as a seminar and writing workshop, intensively develops students' persuasive writing and
critical reading skills through abundant practice and feedback. Weekly writing assignments and exercises will focus
on every stage of the writing process, from brainstorming and research through drafting and revision, in three
vital areas of political writing: the short opinion piece, the policy memorandum, and the polemical essay. We will
read and analyze a wide variety of examples from traditional print and online media, from journalistic, government,
and academic sources. We will also explore ethical considerations of policy writing, considering the ways in which
our rhetorical choices, tone, word choice, even syntax construct our subjects and frame contentious issues for
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target audiences.
What is the social scientific evidence that spending, by candidates or independent groups, influences election outcomes? What is the evidence that contributions influence elected officials post-election? What is the case against regulation? Do restrictions on campaign contributions and spending violate the First Amendment protection of free speech? In the second half of the course, we will consider the constitutional and practical merits of various campaign finance proposals at the local, state, and federal level. Students will work in teams to evaluate campaign finance in a particular state or locality and write policy briefs to public officials on how to improve their campaign finance system, then defend their recommendations in a public forum.

The pandemic of 2020 has demonstrated that dystopias such as Camus's The Plague or Emily St. John Mandel's Station Eleven, far from being implausible fantasies, offer insights into the nature of human cooperation and the potential for its collapse. Dystopias diagnose our social and political vulnerabilities; they warn us what the imminent future may hold. And so in this class we'll study dystopias from the point of view of policy makers, using the genre the way an epidemiologist uses a microscope to identify the hidden source of future calamity. We'll also study dystopia's imaginative cousin, utopia, and analyze real-world attempts at creating utopias in the U.S., Mexico, India, and/or Syria to determine what utopian principles inspired the projects and analyze these experiments? successes and failures. Finally, we'll study several examples to learn how the government should intervene when a real-world utopia for some becomes a dystopia for others, that is, when the rights of utopians in a community are being violated. Course themes will include family and gender politics, censorship, class, race, poverty, and connections between idealism and authoritarianism.

The goals of the course are for students to (a) understand how to evaluate macroeconomic conditions such as unemployment, inflation, and growth; (b) understand how monetary policy and fiscal policy can be used to influence macroeconomic conditions; (c) understand media accounts of macroeconomic events. The course will cover a broad range of topics in macroeconomic policy. Examples of issues discussed include the role of fiscal and monetary policies in stabilizing the economy, the relationship between inflation and unemployment, the role of government policy in promoting long-term economic growth, monetary and fiscal policies in an open economy, deficits and debt, and European Monetary Union. The course will be structured around the tools (models) of open economy macroeconomics, using primarily graphs, and occasionally equations. However, motivation for these tools and examples of their use will always be taken from current and recent real-world macroeconomics events and conditions. This course presumers prior knowledge of intermediate microeconomics and graduate standing. Course assignments will include problem sets that involve short essays, data collection and analysis, and problem solving, and a group project that involves an assessment of the macroeconomic performance and problems in a particular country.

The pandemic of 2020 has demonstrated that dystopias such as Camus's The Plague or Emily St. John Mandel's Station Eleven, far from being implausible fantasies, offer insights into the nature of human cooperation and the potential for its collapse. Dystopias diagnose our social and political vulnerabilities; they warn us what the imminent future may hold. And so in this class we'll study dystopias from the point of view of policy makers, using the genre the way an epidemiologist uses a microscope to identify the hidden source of future calamity. We'll also study dystopia's imaginative cousin, utopia, and analyze real-world attempts at creating utopias in the U.S., Mexico, India, and/or Syria to determine what utopian principles inspired the projects and analyze these experiments? successes and failures. Finally, we'll study several examples to learn how the government should intervene when a real-world utopia for some becomes a dystopia for others, that is, when the rights of utopians in a community are being violated. Course themes will include family and gender politics, censorship, class, race, poverty, and connections between idealism and authoritarianism.
In fact, we'll see several examples of economic analysis being done by or used by our own Ford alumni!

This class counts as the second economics course required for the MPP degree.

**563 Environmental Policy**

This course will consider the capacity of North American political institutions to shape effective environmental protection policies, devoting primary emphasis to the United States but also examining Canada and Mexico. It will consider all governmental levels but be particularly attentive to the evolving role of American state governments, including questions of cross-border governance and relations between the federal government and non-US authorities.

**568 STATA Practicum**

This course will provide students with a practical hands-on instruction in the analysis of survey data using the statistical package Stata. Students will learn how to investigate a variety of public policy issues using data from the U.S. as well as several developing countries.

**580 Values & Ethics**

This is a core course restricted to Ford School students only.

This course seeks to make students sensitive to and articulate about the ways in which moral and political values come into play in the American policy process, particularly as they affect non-elected public officials who work in a world shaped by politics. Topics covered include the tensions between ethics and politics, an introduction to various moral theories that figure in contemporary policy debates, a consideration of the principal values that animate American politics, and issues and dilemmas in professional ethics. The course addresses issues that affect international as well as U.S. policy and politics.

**586 Performance Mgmt**

The main objectives of this course are to enhance your ability to think analytically and write clearly about managerial challenges. This includes improving your ability to recognize and define these challenges, to evaluate common approaches to these challenges, and to propose your own solutions to these challenges.

**Non-profit focus**

This course will examine issues of performance measurement and management in the context of public sector agencies in the United States. It will focus primarily on the federal level of government but will also consider some state and local government issues and make some occasional reference to cases beyond American borders. This module will be divided into two units. First, it will review the evolution of public management in the United States and consider enduring challenges that frequently lead to management failure. Second, it will consider the lessons from recent decades in which performance management has been prioritized across the federal government and many states, becoming a focal point in American governance. We will consider the wide range of reform initiatives attempted in the U.S. under the broad umbrella of the so-called New Public Management, looking at a number of alternative approaches to public management challenges. This will place particular emphasis on the question of whether or not it is feasible to measure the performance of individual agencies and staff and use those measures to improve government performance. Students will have the opportunity to complete a pair of writing projects, including an independent performance assessment of a federal government unit of their choosing, as well as an oral presentation on their key findings from this analysis.

**Public Management: Police Reform as Strategic Management**

This course will use the case of police reform to explore the concept and practice of strategic management in public organizations. We will begin by considering the role that public managers play in defining an organization’s purpose, both at a general level (what is this organization’s mission?) and more concretely (what do front-line staff need to do to accomplish that mission?). We will then explore a variety of tools that managers can use to guide and support front-line workers, including performance measurement, service review, complaint processing, personnel evaluation, training, hiring, and firing.

These ideas and tools are widely used in many different areas of public management, but class readings and lectures will introduce them by exploring their application to police reform. In particular, we will consider how the tools of strategic management can help police organizations to control the way officers use their authority (including their use of force, their arrest authority, and their authority to interrogate people they consider suspicious) and to accomplish their public safety mission (including their capacity to resolve emergencies, prevent crime and violence, and provide service to victims of crime). In class discussions and in written assignments, students will have the opportunity to consider how the ideas and practices we are reviewing in the policing context might apply to other human services contexts, such as child protective services, education, affordable housing, and international development.

**587 Int’l Orgs**

Public Management: Performance Management in International Organizations

The Ford School defines leadership as, “the behavioral process of having a positive impact on individuals, organizations, and communities”. This course will equip students with the management skills and tools to strategically plan and implement initiatives that further their intended positive impact. The course will adopt an international focus in readings and casework, exploring strategic management for international social impact initiatives within the context of public and non-profit organizations.

Students will develop and apply an analytical toolkit and set of leadership best practices to manage for positive change, including: mapping their environment, strategic organizational planning, planning for results, and managing
for results. In teams, students will create strategic and performance management plans for a public or non-profit organization that furthers a positive impact at the international level. These plans will be submitted as a group memo, and presented during class. Students will also complete an individual leadership reflection paper.

**587 Public Management 2.00**


This course will introduce students to a range of communication strategies to move public policy forward in public policy areas from climate change to public education, health reform to anti-poverty efforts. For new public policy to emerge, policy experts must learn skills to translate their analytical content to the public audiences that ultimately decide the fate of reform. Class members will examine policy reform from the strategic communications perspective including understanding audiences, identifying partners, developing key messages, storytelling, media relations, delivering the messages through effective channels and measuring impact. Students will develop policy advocacy campaigns which demonstrate the interplay between strategic, effective, targeted communications and achieving and sustaining policy change.

**Leadership Mission Driven Orgs**

Instructor: Neel Hajra, the President & CEO at the Ann Arbor Area Community Foundation.

This course will explore this important aspect of public management by considering the case of police reform. We will consider the role of courts as agents of police reform, including the role that federal and state governments sometimes play in catalyzing legal intervention in local policing. We will consider various forms of community oversight over policing, including citizen complaint review, police auditors, and neighborhood police meetings. We will consider the role of police unions and police professional associations in contemporary policing, including their role in disciplinary proceedings and in organizational change. And we will consider the role that private sector organizations play in contemporary policing, including the relationship between police and private security and the surprisingly large influence that private insurers have on policing practices.

Although class readings will focus primarily on contemporary policing in the United States, the goal of the course is to use the policing case to explore the general phenomenon of the external control of public organizations. In class discussions and in written assignments, students will have the opportunity to consider how the ideas and practices we have encountered in policing might apply to a wide range of human service organizations, such as child protection agencies, schools, social service providers, and public housing authorities.

**35870 P R SEM 007 TTH 4-520PM REMOTE**

Policy/Program Implementation

**Instructor:** Harris

**U of M Open Classes Only Schedule of Classes**

Page 341 of 359 WN 2021 2320 03-03-2021 17:03 25266102
Public Management: Managing Policy and Project Implementation

Once a policy is passed or a project selected, the hard work of implementation begins. This course will introduce students to the key management and leadership concepts and skills that surround implementation of policies and projects with public funding. The course will adopt an international focus in readings and casework.

This course includes three modules: First, students will explore management approaches for policy and project implementation, including new approaches to public management such as contracting, collaborative governance, public participation and street level bureaucracy. Second, students will build leadership skills for managing teams and managing people. The third module will introduce students to key tools for managing change within organizations.

The course will include a series of workshop-style sessions where students will work in teams to apply class material to real-world international cases, and present their results to the class. Teams will then submit workshop write-ups. Students will also complete one individual memo and two short individual reflection papers.

600 Directed Reading 1.00-6.00 ADVISORY
621 Peacebuilding 3.00 ADVISORY

Peacebuilding: Law, Diplomacy, and the Transition from Conflict

This course will examine how the U.S. and other international actors seek to help pacify, stabilize, and rebuild societies embroiled or emerging from war. We will review some major problems faced by conflict-ridden societies and use case studies to examine specific aspects of "peacebuilding" in more detail: forging settlements, peacekeeping, economic reconstruction, and transitional justice.

638 Integ Policy Exercise 1.00 ADVISORY
639 Quant Prgm Eval 3.00 ADVISORY, ENFORCED

Quantitative Methods of Program Evaluation (Standard)

This course introduces students to multiple regression analysis and other tools of causal inference and program evaluation. The course will focus on applying these tools to real data on various policy topics. Applications will be drawn from a range of policy areas including education, welfare, employment, health, environment, and economic development.

Augmented Quantitative Methods of Program Evaluation (Augmented)

This course introduces students to multiple regression analysis and other tools of causal inference and program evaluation. The course will focus on applying these tools to real data on various policy topics. Applications will be drawn from a range of policy areas including education, welfare, employment, health, environment, and economic development.

700 Directed Research 1.00-6.00 ADVISORY
712 Causal Infer Ed K-12 3.00 ADVISORY

Causal Inference in Education Policy Research: K-12

This course focuses on rigorous evaluation of policies and interventions intended to support children’s early learning and success in K-12. Evaluations will be discussed in the context of the current and historical landscape. Specific topics will include theories across developmental psychology and economics, school accountability, teacher-focused policies, and digital learning.

725 MPA Capstone 5.00

Applied Analysis and Consulting in Public Affairs (MPA Capstone)

Open only to MPA students.
conducting interviews, and analyzing and writing up data for policy audiences. We will also consider reflexivity, rigorous research plan, navigating the IRB process, recruiting respondents, creating the interview guide, projects. We will cover topics such as fine-tuning a research idea, formulating research questions, designing a

In this course, students will develop the necessary skills to conceptualize, plan, and execute interview-based

Through the use of case studies, we will explore the history and social conditions that have spurred the call for reparations in the United States. The course will begin with an overview of the contemporary calls for reparations, which have generally been led by African American legislators, policy makers, activists and journalists. But as you will learn in this course, other communities and groups have aligned themselves with a call for reparations at various times, often driven by specific historical events. Moreover, as you will read and we will discuss, the call for reparations is not limited to the United States.

As a matter of social policy, some of the earliest claims followed the emancipation of nearly 4 million formerly enslaved African Americans. But the idea of reparations also included Native Americans who saw their lands claimed as they were sent first to the Indian territories in Oklahoma and ultimately reservations across the country. Here we must confront the question of sovereignty and the use and some may say abuse of treaties. Both the case studies of Native Alaskans and Japanese Americans add additional texture to the history of the battle for reparations in the United States.

To widen the lens a bit so that we can better understand the American story, we will take brief looks at Germany and South Africa as well.

Ultimately, we will return to today's public debates and ask and discuss whether there is a public policy case for reparations for African Americans. If so, which people of African descent? What should be the contours of the reparation?

The goal of this course is to enhance the students' ability to bring about the individual and organizational changes they want to see. This course begins by addressing (1) what effective managers really do and (2) why some high-potential managers succeed while others fail. As effective managers know, the ability to develop and manage relationships with others is critical to a manager's success. This course is based on three foundations: The first focuses on developing self-awareness. After all, managing relationships depends first and foremost on knowledge of individual personal strengths and weaknesses and the impact of these strengths and weaknesses on others. The second foundation focuses on developing an understanding of others. The third foundation focuses on managing specific types of relationships on the job-those with subordinates, peers, and bosses.

The pace and extent of economic development in a country depends on many factors. The type and scope of corruption, the rule of law and the protection of property rights, the levels of trust in a society can all influence the success of reforms and the extent to which different sectors of society will benefit. Can these factors be changed with specific economic policies? If so, what are they and how are they best implemented? Are there country-specific characteristics such as history and culture that determine economic fate? We will consider these questions and more in this class.

This class will have three goals. First, students will be introduced to the most recent research on the aforementioned topics in development economics and political economy. Second, students will learn to use quasi-experimental methods - such as regression discontinuity designs and difference-in-difference designs - to analyze non-experimental data that are often used to generate causal policy evidence for topics that are difficult to study with experimental methods. Finally, students will learn basic R programming skills so that they can analyze data sets, create data visualizations, and apply these quasi-experimental methods. No prior knowledge of R is required.

The course is aimed at MPP, MAE, and other masters' or Ph.D. students who are interested in economic development, or who may wish to use these tools in program design or evaluation. PubPol 639: Program Evaluation or familiarity with (specific techniques) is highly recommended. Assignments will alternate between short memos discussing assigned development economics papers and short R assignments aimed at developing simple programming skills and analyzing development datasets.

In this course, students will develop the necessary skills to conceptualize, plan, and execute interview-based projects. We will cover topics such as fine-tuning a research idea, formulating research questions, designing a rigorous research plan, navigating the IRB process, recruiting respondents, creating the interview guide, conducting interviews, and analyzing and writing up data for policy audiences. We will also consider reflexivity,
ethics, and the complexities of interviewing various populations. Each week, participants will spend the first portion of the allotted time discussing course readings and receiving practical instruction from the professor on some aspect of the research process. During the second portion of the class each week, we will workshop one or two student projects. In preparation for the workshop time, each student will take a turn submitting a short document (e.g. draft of research questions, interview guide, etc) for the group to review and discuss in class.

Diplomacy

Topic: Diplomacy and State Craft in an age of Globalization

35815 P R LEC 009 F 9-11AM REMOTE Bynum

Community Dev in Deep South

Topic: From Voting Rights to Economic Rights: Increasing Economic Mobility through Community Development in America’s Deep South

Instructor: Bill Bynum, Hope Credit Union Enterprise Corporation

Economic mobility in the United States is lowest among people of color and those who live in persistent poverty areas. This course will explore the role community development plays in increasing economic mobility in America’s Deep South, a region comprised of states with the highest proportions of Blacks in the population, and that is home to 1/3 of the nation’s persistent poverty counties, and examine the nexus between community development practice and policy.

Intro to FinTech

Topic: Introduction to Financial Technology and the Future of Financial Services

Throughout history, financial services has played a vital role in the global economy, and similarly, technology has been an integral part of financial services. Although the combination of financial services and technology isn’t new, the advent of mobile technologies along with a post-financial crisis world have led to a financial technology, or fintech, revolution. New products and services have emerged, causing financial services to look very different than it did 10, or even four, years ago. But fintech is still a relatively new industry, and many questions remain about the benefits and the risks of fintech, how it will impact incumbent institutions and systems, what it will mean for consumers, and how governments should view these developments. How are recent technological advances different than past innovations? How is technology changing financial services today and how will it change the industry in the future? What impact does this change have on stakeholders, including consumers? What are the benefits and risks of this change? This course will examine these questions and others.

Legislation and Regulation

This course is combined with LAW 569.001.

In the modern regulatory state, the rules that most profoundly shape private conduct come not from the common law but, instead, from legislatures and agencies. This class will explore the lawmaking function of these institutions and the virtues and vices of administrative governance. Among other things, the class will cover: the nature of the legislative process; statutory interpretation; the justifications for regulatory intervention; regulatory tools and strategies; the allocation of authority between legislatures and agencies; the varied forms of agency decision-making; and judicial review of agency decisions. In offering a survey of public law, the course will introduce students to the essentials of both statutory interpretation and administrative law.

Legislation and Regulation

This course is combined with LAW 569.002.

In the modern regulatory state, the rules that most profoundly shape private conduct come not from the common law but, instead, from legislatures and agencies. This class will explore the lawmaking function of these institutions and the virtues and vices of administrative governance. Among other things, the class will cover: the nature of the legislative process; statutory interpretation; the justifications for regulatory intervention; regulatory tools and strategies; the allocation of authority between legislatures and agencies; the varied forms of agency decision-making; and judicial review of agency decisions. In offering a survey of public law, the course will introduce students to the essentials of both statutory interpretation and administrative law.

Proj Skills Wkshp

778 P R LEC 011 W 830-1130AM ARR Harris 16 Y

Policy Research Sem

18230 P SEM 001 F 1-220PM REMOTE Morenoff 16 Y

Immersion Research

22268 P SEM 001 F 1-220PM REMOTE Leahy 22 N

Diss-Precand

990 IND + ARR ARR 24 N

Diss-Cand

995 IND + ARR ARR 23 N
### Rackham Graduate School

#### Chemical Biology (CHEMBIO) Open Sections

<table>
<thead>
<tr>
<th>Course Title</th>
<th>CR</th>
<th>PREREQ</th>
<th>LAB FEE</th>
<th>OPEN SEATS</th>
<th>WL</th>
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<tr>
<td><strong>502 Chemical Biology II</strong></td>
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<td>Wang, Nagorny, Sherman, Gierpicki, Grembecka</td>
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</table>

Contact ChemicalBiology@umich.edu for registration inquiries after December 1st. This course is for PhD students only.

<table>
<thead>
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<th>Course Title</th>
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This course is intended for Chemical Biology MS students only.

CHEMBIO 512 lectures will meet together with CHEMBIO 502 in 1200 CHEM on T and TH 9-11AM.

Registering for this lecture section will auto-enroll a discussion section (CHEMBIO 512 002) on F 11-12pm (location 1028 DANA).

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Register for section 001 for a full semester rotation.

Register for section 002 for a January - February half semester rotation.

Register for section 003 for a March- April half semester rotation.

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This course is available to Chemical Biology graduate students only.

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#### Museum Studies (MSP) Open Sections

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#### Rackham Graduate School (RACKHAM) Open Sections

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Remote with synchronous instruction.

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<td>Ackerman, Knoblauch</td>
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Remote with synchronous instruction.
# Ross School of Business

FRESHMEN MAY NOT ELECT ANY BUSINESS COURSES. 500 LEVEL COURSES OR ABOVE REQUIRE GRADUATE STANDING.

## School of Business Administration

### Accounting (ACC) Open Sections

<table>
<thead>
<tr>
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<tbody>
<tr>
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<tr>
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### Financial Accounting

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## Business Administration (BA) Open Sections

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<tr>
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This class is reserved for BBA Sophomores. Current BBA Freshmen will need instructor permission to enroll.

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<td>Luxury Brand Mgmt &amp; Marketing</td>
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<td>P R REC 003 TTH 230-4PM ARR Mueller</td>
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<td>25945</td>
<td>P R REC 451 TTH 210-430PM ARR Butz</td>
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<td></td>
<td>Healthcare in Emerging Markets</td>
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<td></td>
<td>Students will travel to the specified country over spring break to interview relevant stakeholders.</td>
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<td></td>
<td>The course is open by application only and enrollment is limited to 25 students.</td>
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<tr>
<td></td>
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### Business Economics And Public Policy (BE) Open Sections

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### Business Law (BL) Open Sections

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Important: Contact instructor for materials to be read before first day of class. Must attend all dates.

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Section 001 meets with Section 311.
Section 001 meets with Section 451. Section 451 is reserved for Evening MBA students.
Section 451 meets with Section 001. This section is reserved exclusively for Evening MBA students.
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Students interested in FIN 615 should have already completed FIN 503, 513, 501, or 591 by the time the class begins.

FIN 624.001 is cross-listed with ES 624.001 and meets with FIN 624.451/ES 624.451.

FIN 626 is cross-listed with ES 626. Section 001 meets with Section 451.

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This section of MKT 300 is reserved for BBA Sophomores and BBA Juniors.

This section is reserved exclusively for Master of Management and Minor in Business students. Section 322 meets with Section 002.

Entry in this class will not be based on waitlist order.

MARKETING (MKT) OPEN SECTIONS

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MKT 623.001 meets with MKT 623.451.

MKT 623.451 meets with MKT 623.001.
MKT 640.801 is cross-listed with TO 620.801 and meets with MKT 640.001/TO 620.001.

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**Management and Organizations (MO) Open Sections**

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Given the experiential nature of pedagogy, enrollment in each section will be limited and attendance is mandatory. Registered students must be present from the beginning of the first class session to retain their registration in the class. This course is complementary to BL 510. Students interested in developing strong negotiation skills are encouraged to take both MO 512 and BL 510 in either order.

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Students are required to enroll in both ARTDES 416 (Stamps School of Art & Design) and TO 448 (Ross School of Business).

This course will be remote and synchronous in Winter 2021.

Section 321 meets with Section 001. Seats in this section are reserved for Minor in Business students and Master of Management students.

Section 001 meets with Section 451. Seats in Section 451 are reserved exclusively for Evening MBA students.

The lecture portion of this course is scheduled from 8:30am - 9:40am on Mondays and Wednesdays and is required for all students.

The lecture portion of this course is scheduled from 8:30am - 9:40am on Mondays and Wednesdays and is required for all students.

Students are required to enroll in both ARTDES 416 (Stamps School of Art & Design) and TO 448 (Ross School of Business).
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Weekend Master of Business Administration (W MBA) Open Sections
# Social Work

## School Of Social Work

### Social Work (SW) Open Sections

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Enrollment in this class also requires enrollment in SW 521 this term. If you do not enroll in 521 also you may be dropped from this class.

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Enrollment in this class also requires enrollment in SW 521 this term. If you do not enroll in 521 also you may be dropped from this class.
Registration is limited to Pharmacy, Social Work, Dentistry, Medical, and Nursing students who are eligible to enroll. Students will be assigned to an interdisciplinary group that will rotate between different buildings across campus. An email notifying students about their group and room assignments will be sent before the first class meeting.

Social Work students: Priority is given to Detroit Clinical, Integrated Health, and HRSA Scholars. Scholars will submit the Course Enrollment Petition via the SSW web site, https://ssw.umich.edu/my-ssw/class-related-forms

If you need to be fully remote for this entire class, including the health clinic participation please first contact the course instructor and then ssr.registrar@umich.edu so we can arrange permission for you to enroll in this section.

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## Stamps School of Art & Design

### School Of Art And Design

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U of M Open Classes Only Schedule of Classes  Page 358 of 359  WN 2021 2320 03-03-2021 17:03 25266102
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