

# Architecture & Urban Planning

## College of Architecture & Urban Planning

### Architecture (ARCH) Open Sections

995	Diss-Cand R IND +		ARR	ARR		8.00	ENFORCED	25	N
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### Urban Planning (UP) Open Sections

995	PhD Diss-Cand R IND +		ARR	ARR		8.00	ENFORCED	24	N
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# Dental Hygiene

## Dental Hygiene-Dentistry

### Dental Hygiene (DENTHYG) Open Sections

<b>475</b>	<b>Mentored Prof Exp</b>					<b>3.00-4.00</b>	<b>ADVISORY</b>		
62213	P LEC 001		ARR	ARR				25	N

### Dental Hygiene Degree Completion E-Learning (HYGDCE) Open Sections

<b>484</b>	<b>Special Populations</b>					<b>3.00</b>	<b>ADVISORY</b>		
62112	P LEC 001		ARR	ARR		Eagle, Cullen		18	N
<b>485</b>	<b>Community I</b>					<b>3.00</b>	<b>ADVISORY</b>		
62111	P LEC 001		ARR	ARR		Cullen		18	N
<b>491</b>	<b>Capstone II/ePortfol</b>					<b>6.00</b>			
62205	P LEC 001		ARR	ARR		Arnett, Cullen		14	N

CAT#	Course Title	CR	PREREQ	LAB FEE	
Class #	CODE CMP SEC DAYS	INSTRUCTOR		OPEN SEATS	WL
	TIME	LOCATION			

# Dentistry

## School Of Dentistry

### Dentistry (DENT) Open Sections

601	Dent Pharmacology II	1.00-3.00	ENFORCED		
62460	P R LEC 001 M	Canman		1	N
601	Dent Pharmacology II	1.00-3.00	ENFORCED		
	P R LEC 001 TH			1	N
	P R LEC 001 TH			1	N
603	Treatment Planning	1.00	ENFORCED		
62471	P R LEC 001 TTH	Richards, Stefanac		1	N
610	Appl Biomaterials II	1.00	ENFORCED		
62463	P R LEC 001 W	Kuroda		1	N
620A	Oral Med/Radiology	0.00	ENFORCED		
62482	P R LAB 001	Benavides, Fitzgerald		1	N
620C	Restorative	0.00	ENFORCED		
62483	P R LAB 001	Fitzgerald, Garcia		1	N
625	varies by topic	0.00-5.00	ENFORCED		
63394	P R LEC 002	de Peralta, Hamerink		157	N
	Supplemental Prof. Learning				
63424	P R LEC 006	Hamerink, Hamerink		190	N
	On Campus Mini Rotations				
63397	P R LEC 008 T	Hamerink, Hamerink		193	N
	Off Campus Mini Rotations				
63399	P R LEC 012			20	N
	Leadership in Dentistry				
63400	P R LEC 014 TH	Sweier, Mac Eachern, Pinsky, Shannon		15	N
	Constructing Effective Lit Rev				
63401	P R LEC 020 T	Kaigler, de Peralta		15	N
	Clinical and Basic Sci Researc				
625A	Pathways - HC Delivery	0.00-3.00	ENFORCED		
62464	P R SEM 001			110	N
625B	Pathways - Research	0.00-5.00	ENFORCED		
62472	P R SEM 001	Chiego Jr		35	N
625C	Pathways - Leadership	0.00-3.00	ENFORCED		
62465	P SEM 001			48	N
625I	D2 Pathways Immersion	0.00-2.00	ENFORCED		
63556	P R PSI 001	de Peralta, Chiego Jr		25	N
629	Clinical Foundations III	0.00-10.00	ENFORCED		
62484	P R LEC 001	Snyder		110	N
635	Behav Sci Practicum	0.50	ENFORCED		
62458	P R LEC 001 W	Inglehart		1	N
638	Cardiovascular Syst	3.00-3.50	ENFORCED		
62461	P R LEC 001 MW	Brzezinski, Tindle		1	N
638	Cardiovascular Syst	3.00-3.50	ENFORCED		
	P R LEC 001 F			1	N
	P R LEC 001 F			1	N
	P R LEC 001 F			1	N
	P R LEC 001 F			1	N
639	Respiratory System	2.00-2.50	ENFORCED		
62462	P R LEC 001 M	Cornwall, Marti		1	N
639	Respiratory System	2.00-2.50	ENFORCED		
	P R LEC 001 M			1	N
	P R LEC 001 W			1	N
	P R LEC 001 TH			1	N
647	ITDP: Oral Path/Med	1.00-5.00	ENFORCED		
61595	P SEM 001	Edwards		8	N
648	ITDP: Oral Surgery	1.00-5.00	ENFORCED		
61596	P SEM 001	Hita		8	N
703	Special Care Dentistry-HD	1.00-2.00	ENFORCED		
62955	P R LEC 001 TH	Munz		6	N
706	Oral Health Education	0.50	ENFORCED		
63171	P R SMA 001			120	N
720	Comprehensive Care Clinic	0.00-10.00	ENFORCED	75.00	
62197	P R LAB 002	Heys		110	N
720A	Periodontics	0.00-10.00	ENFORCED		
62198	P R LAB 002	Heys		110	N
720B	Operative	0.00-10.00	ENFORCED		
62199	P R LAB 002	Heys		110	N
720C	Prosthodontics	0.00-10.00	ENFORCED		
62200	P R LAB 002	Heys		110	N
725A	Pathways-HCD	2.00	ENFORCED		
62560	P R SEM 001	de Peralta, Hamerink		56	N
725B	Pathways-Reseaarch	2.00	ENFORCED		
62561	P R SEM 001	Chiego Jr		88	N
725C	Pathways-Leadership	2.00	ENFORCED		

CAT# Class #	Course Title CODE CMP SEC	DAYS	TIME	LOCATION	CR INSTRUCTOR	PREREQ	LAB FEE OPEN SEATS	WL
62562	P R SEM 001		ARR	ARR	Sweier		84	N
<b>729</b>	<b>Clinical Foundations III: ITDP</b>				<b>1.00-2.50</b>	<b>ENFORCED</b>	<b>425.00</b>	
62957	P R LAB 001 W		9-12PM	G340 DENT	Kane, Saglik		5	N
<b>729</b>	<b>Clinical Foundations III: ITDP</b>				<b>1.00-2.50</b>	<b>ENFORCED</b>	<b>425.00</b>	
	P R LAB 001 T		9-12PM	G340 DENT			5	N
	P R LAB 001 T		9-12PM	G340 DENT			5	N
	P R LAB 001 W		9-11AM	G340 DENT			5	N
<b>730</b>	<b>Head &amp; Neck Anat</b>				<b>1.00</b>	<b>ENFORCED</b>		
63020	P R LEC 001 TH		8-9AM	G005 DENT	Brzezinski		6	N
<b>737A</b>	<b>Preclinical Endodontics lecture</b>				<b>1.00-3.00</b>	<b>ENFORCED</b>		
63043	P R LEC 001 W		1-2PM	G390 DENT	Bauer, McDonald		6	N
<b>737A</b>	<b>Preclinical Endodontics lecture</b>				<b>1.00-3.00</b>	<b>ENFORCED</b>		
	P R LEC 001 F		8-9AM	G390 DENT			6	N
<b>740</b>	<b>Clinical Rotation - Oral Surgery</b>				<b>3.00</b>	<b>ENFORCED</b>		
61504	P R LAB 001		ARR	ARR			1	N
<b>743B</b>	<b>Clinical Rotation: Pediatric</b>				<b>2.00</b>			
62192	P LAB 001 W		11-12PM	2397 DENT	Boynton		25	N
<b>743B</b>	<b>Clinical Rotation: Pediatric</b>				<b>2.00</b>			
	P LAB 001 W		4-5PM	2397 DENT			25	N
<b>747</b>	<b>Pediatric Dentistry</b>				<b>1.00-5.00</b>			
61190	P LEC 001 T		8-9AM	G378 DENT	Salzmann		6	N
<b>747</b>	<b>Pediatric Dentistry</b>				<b>1.00-5.00</b>			
	P LEC 001 T		1-2PM	G378 DENT			6	N
<b>751</b>	<b>Oral Surgery elective I</b>				<b>1.00-2.00</b>	<b>ENFORCED</b>		
63323	P R CLN 001		ARR	ARR	Sung, Ward, Bonine		25	N
<b>800</b>	<b>Advanced Periodon</b>				<b>1.00</b>	<b>ENFORCED</b>		
62892	P R CAS 001		ARR	ARR	McCauley		25	N
<b>825A</b>	<b>Pathways-HCD</b>				<b>0.00-2.00</b>	<b>ENFORCED</b>		
62962	P R SEM 001		ARR	ARR	de Peralta, Hamerink		19	N
<b>825B</b>	<b>Pathways-Research</b>				<b>0.00-2.00</b>	<b>ENFORCED</b>		
62963	P R SEM 001		ARR	ARR	Chiego Jr		79	N
<b>825C</b>	<b>Pathways-Leadership</b>				<b>0.00-2.00</b>	<b>ENFORCED</b>		
62964	P R SEM 001		ARR	ARR	Sweier		95	N
<b>840</b>	<b>Oral Surgery</b>				<b>1.00</b>			
61500	P LAB 001		ARR	ARR	Karam		16	N
<b>841</b>	<b>Hospital Dentistry D4 Elective</b>				<b>2.00</b>	<b>ENFORCED</b>		
63582	P R CLN 001		ARR	ARR	Munz, Chang		92	N
<b>851</b>	<b>Oral Surgery Elective II</b>				<b>1.00-2.00</b>	<b>ENFORCED</b>		
63322	P R CLN 001		ARR	ARR	Sung, Ward, Bonine		13	N
<b>998</b>	<b>Curr Practical Prjct</b>				<b>1.00</b>			
61651	P SEM 001		ARR	ARR	Woolfolk		2	N
<b>Dental Education (DENTED) Open Sections</b>								
<b>632</b>	<b>Leadership&amp;Admin</b>				<b>3.00</b>	<b>ENFORCED</b>		
63017	P R LEC 001		ARR	ARR	Furgeson		23	N
<b>Dental Hygiene (DHYGRACK) Open Sections</b>								
<b>680</b>	<b>Hlth Promo Dis Prev</b>				<b>1.00-3.00</b>	<b>ENFORCED</b>		
62961	PDR LEC 001		ARR	ARR	Kerschbaum		22	N
<b>682</b>	<b>Sem Dentl Hyg</b>				<b>2.00</b>			
60041	P SEM 001		ARR	ARR			12	N
<b>689</b>	<b>Educ Cpts &amp; Strat</b>				<b>1.00-3.00</b>			
62951	PD LEC 001		ARR	ARR	Halaris		27	N
<b>Endodontics (ENDODONT) Open Sections</b>								
<b>652</b>	<b>Clin Endodontics</b>				<b>1.00-3.00</b>			
60042	P LAB 001		ARR	ARR	McDonald		7	N
<b>653</b>	<b>Sem-Endodontics</b>				<b>1.00-2.00</b>			
63235	P SEM 101 TH		1-4PM	B312B DENT	McDonald		20	N
<b>654</b>	<b>Biol Basis for Endo</b>				<b>1.00-2.00</b>			
63173	P SEM 001 TH		1-4PM	G580 DENT	McDonald		17	N
<b>654</b>	<b>Biol Basis for Endo</b>				<b>1.00-2.00</b>			
	P SEM 001 TH		12-1PM	G580 DENT			17	N
<b>655</b>	<b>Endo Research</b>				<b>1.00-3.00</b>			
	I IND + M		8-11AM	G536 DENT			17	N
<b>659</b>	<b>Current Lit Review</b>				<b>1.00-2.00</b>			
60043	P SEM 001 M		8-10AM	G311 DENT	McDonald		4	N
<b>660</b>	<b>Case Pres &amp; Treat</b>				<b>1.00</b>			
60044	P SEM 001 F		1-3PM	G580 DENT	McDonald		4	N
<b>Oral Biology (ORALBIOL) Open Sections</b>								
<b>678</b>	<b>Stat Meth Oral Biol</b>				<b>1.00-3.00</b>	<b>ADVISORY</b>		
60045	P SEM 001		ARR	ARR			20	N
<b>Oral Diagnosis (ORALDIAG) Open Sections</b>								
<b>661</b>	<b>Clinical Oral Diag</b>				<b>1.00-6.00</b>			
60049	P LAB 001		ARR	ARR			20	N
<b>665</b>	<b>Rad-Hyg-Radiography</b>				<b>1.00</b>			
60050	P SEM 001		ARR	ARR			30	N

CAT# Class #	Course Title CODE CMP SEC	DAYS	TIME	LOCATION	CR INSTRUCTOR	PREREQ	LAB FEE OPEN SEATS	WL
Oral Health Sciences (ORALHEAL) Open Sections								
995	Dissertation-Cand R IND +		ARR	ARR	8.00	ENFORCED	24	N
<b>Oral Pathology (ORALPATH) Open Sections</b>								
632	Microscopic OralPath 62820 P LAB 001		ARR	ARR	1.00-4.00 Danciu		12	N
633	Microscopic OralPath 62977 P SEM 001		ARR	ARR	1.00-4.00 Danciu		25	N
733	Microscopic OralPath 63107 P SEM 001		ARR	ARR	1.00-4.00 Danciu		25	N
<b>Orthodontics (ORTHO) Open Sections</b>								
760	Clinical Orthodon 60055 P LAB 001		ARR	ARR	1.00-5.00 Kim-Berman		11	N
761	Ortho Techniques 61407 P SEM 001 M		8-12PM	1528 DENT	1.00-3.00 McClatchey		5	N
762	Sem in Orthodontics 63267 P SEM 001		ARR	ARR	1.00-2.00 Behnan		13	N
765	Review Curr Lit 63270 P SEM 001		ARR	ARR	1.00 Johnston Jr		4	N
766	Research-Thesis IND +		ARR	ARR	1.00-2.00		11	N
769	Ortho Biomechanics 63269 P SEM 001 F		10-12PM	B312A DENT	1.00 Kim-Berman		11	N
771	Adolescent Psych 62222 P SEM 001 T		8-10AM	1528 DENT	1.00 Inglehart		5	N
772	Intro Cephalometric 62223 P SEM 001		ARR	1528 DENT	1.00 Cevidanes		12	N
779	Ortho Pract Mgmt 63234 P SEM 001 M		10-12PM	G311 DENT	1.00-2.00 Roberts		18	N
781	Treatment in Prog 63268 PD LEC 001 TH		8-9AM	ARR	1.00 Kim-Berman		11	N
783	3D Imaging 62821 P LEC 003		ARR	ARR	1.00		12	N
<b>Pediatric Dentistry (PEDDENT) Open Sections</b>								
591	Clinical Ped Dent 60056 P LAB 001		ARR	ARR	1.00-5.00 Boynton		25	N
<b>Periodontics (PERIODON) Open Sections</b>								
780	Periodontic Clinic 60058 P LAB 001		ARR	ARR	1.00-6.00 Wang		13	N
782	Sem in Periodontics 63260 P SEM 001 M		9-12PM	G580 DENT	1.00 Wang, Eber		12	N
782	Sem in Periodontics P SEM 001 M		9-12PM	G580 DENT	1.00		12	N
787	Intro Cons I.V. Sed 63382 P LEC 001 TWTHF		8-5PM	G550 DENT	1.00 Wang		18	N
787	Intro Cons I.V. Sed P LEC 001 M		9-5PM	G580 DENT	1.00		18	N
788	Patient Mgt Perio 63261 P LEC 001 M		8-9AM	G580 DENT	1.00 Wang		28	N
789	Patient&Prac Mgt 63262 P SEM 001 W		6-8PM	G580 DENT	1.00 Wang		23	N
790	Thesis Investigatn D IND +		ARR	ARR	1.00-3.00		25	N
793	Current Lit-Perio 63263 P SEM 001 W		10-11AM	B312B DENT	1.00 Wang		8	N
794	Implants 63264 P SEM 001 W		11-12PM	B312B DENT	1.00 Wang		13	N
795	Multisp Implnt Ther 63265 P SEM 001 W		1-2PM	B312B DENT	1.00 Wang, Chan		24	N
<b>Prosthodontics (PROSTHOD) Open Sections</b>								
643	Clin Prosthodontics 60885 P LAB 001		ARR	ARR	1.00-6.00 Razzoog		17	N
739	Clin Crown&Bridge 63266 P SEM 001 TH		8-10AM	B312B DENT	1.00-2.00 Beard		31	N
741	Articulator 62834 P SEM 003		ARR	ARR	1.00 Razzoog		12	N
876	Adv Clin Crown&Brid 63376 P LAB 001		ARR	ARR	1.00-2.00 Beard	ADVISORY	33	N
882	Ceramo-Metal Proc 60059 P SEM 001 TH		8-12PM	B312A DENT	1.00-2.00 Beard		7	N
<b>Restorative (RESTORA) Open Sections</b>								
565	Implant Seminars				1.00			

CAT#	Course Title					CR	PREREQ	LAB FEE	
Class #	CODE CMP SEC	DAYS	TIME	LOCATION	INSTRUCTOR			OPEN SEATS	WL
63356	P LEC 001		ARR	ARR	Neiva, Fasbinder			18	N
<b>590</b>	<b>Adv Clin Cariology</b>				<b>1.00</b>				
63379	P LEC 001		ARR	ARR	Neiva, Gonzalez			18	N
<b>595</b>	<b>Hi Strng Digit Rest</b>				<b>1.00</b>				
63791	P LEC 001		ARR	ARR	Neiva, Fasbinder			18	N
<b>741</b>	<b>Data Management</b>				<b>1.00-2.00</b>	<b>ADVISORY</b>			
62228	P LAB 001		ARR	ARR	Dennison			12	N
<b>742</b>	<b>Clin Restor Dent</b>				<b>1.00-8.00</b>				
60060	P LAB 001		ARR	ARR	Neiva			14	N
<b>743</b>	<b>Thesis Investigatn</b>				<b>1.00-4.00</b>				
	IND +		ARR	ARR				14	N

# Education

## School Of Education

### Education (EDUC) Open Sections

---TEACHER CERTIFICATION COURSES: ENROLLMENT PREFERENCE WILL BE GIVEN TO STUDENTS PREVIOUSLY ADMITTED TO AN APPROVED TEACHER CERTIFICATION PROGRAM; OTHERS MAY BE REQUIRED TO WITHDRAW.

<b>317</b>	<b>Observ-Particip Ed</b>	I IND +	ARR	ARR	<b>1.00-8.00</b>	<b>ADVISORY</b>		25	N
Students should obtain permission from the instructor via email and then forward to Tina Sanford at tsanf@umich.edu.									
<b>640</b>	<b>Ind Study Ed Stdy</b>	I IND +	ARR	ARR	<b>1.00-3.00</b>	<b>ADVISORY</b>		24	N
<b>770</b>	<b>Ind St High&amp;Cont Ed</b>	I IND +	ARR	ARR	<b>1.00-3.00</b>	<b>ADVISORY</b>		25	N
<b>835</b>	<b>Independent Study</b>	I IND +	ARR	ARR	<b>1.00-3.00</b>			25	N
<b>899</b>	<b>PhD Qualifying Paper</b>	I IND +	ARR	ARR	<b>1.00</b>			25	N
61332	P REC 002		ARR	ARR		DesJardins		15	N
Students enrolling in this section should have enrolled for 2 credit hours of 899-002 in Winter. Students should enroll for 1 credit hour in Spring/Summer.									
<b>995</b>	<b>Diss-Cand</b>	R IND +	ARR	ARR	<b>8.00</b>	<b>ENFORCED</b>		24	N

# Engineering

## Aerospace Engineering

### Aerospace Engineering (AEROSP) Open Sections

390	Directed Study I IND +		ARR	ARR		1.00-3.00		25	N
490	Directed Study I IND +		ARR	ARR		1.00-3.00	ADVISORY	5	N
590	Directed Study I IND +		ARR	ARR		1.00-6.00	ADVISORY	25	N
990	Diss-Precand IND +		ARR	ARR		1.00-8.00	ADVISORY	25	N
995	Diss-Cand R IND +		ARR	ARR		8.00	ENFORCED	22	N



## Atm, Oceanic And Space Science

### Atmospheric, Oceanic And Space Sciences (AOSS) Open Sections

701	Special Problems						1.00-16.00			
	IND +		ARR	ARR				25	N	
995	Diss-Cand						8.00	ENFORCED		
	R IND +		ARR	ARR				10	N	

### Climate and Meteorology (CLIMATE) Open Sections

499	Directed Study						1.00-16.00			
	I IND +		ARR	ARR				25	N	

### Space Science and Engineering (SPACE) Open Sections

590	Space Systems Proj						1.00-4.00	ADVISORY		
63275	P LEC 001		ARR	ARR		Renno		25	N	

## Biomedical Engineering

### Biomedical Engineering (BIOMEDE) Open Sections

590	Directed Research D IND +		ARR	ARR		1.00-16.00	ADVISORY		
								25	N
990	Diss-Precand IND +		ARR	ARR		1.00-8.00	ADVISORY		
								25	N
995	Diss-Cand R IND +		ARR	ARR		8.00	ENFORCED		
								25	N

## Chemical Engineering Department

### Chemical Engineering (CHE) Open Sections

290	Res&Spec Problems IND +							
		ARR	ARR	1.00-16.00	ADVISORY		25	N
490	Adv Res&Spec Problem R IND +							
		ARR	ARR	1.00-16.00	ADVISORY, ENFORCED		25	N
695	Research Problems IND +							
		ARR	ARR	1.00-16.00	ADVISORY		25	N
696	Selected Topics 63483 P LEC 001							
		ARR	ARR	3.00 Linic			1	Y
Fuel Cells and Processing								
698	Directed Study I IND +							
		ARR	ARR	1.00-16.00			25	N
990	Diss-Precand IND +							
		ARR	ARR	1.00-8.00	ADVISORY		25	N
995	Diss-Cand R IND +							
		ARR	ARR	8.00	ENFORCED		25	N

## Civil & Environmental Engr

### Civil And Environmental Engineering (CEE) Open Sections

490	Independent Study					1.00-4.00	ADVISORY		
	I IND +		ARR	ARR				25	N
567	Energy Infrastr Sys					3.00	ADVISORY		
63490	P LEC 881 TTH		1130-1PM	ARR	Lastoskie			40	Y
622	Sp Prob Hydr-Hydrol					1.00-16.00	ADVISORY		
	I IND +		ARR	ARR				25	N
682	Prob in Envir Engr					1.00-16.00	ADVISORY		
	I IND +		ARR	ARR				25	N
910	Struct Engr Res					1.00-16.00			
	I IND +		ARR	ARR				25	N
946	Soil Mech Res					1.00-16.00			
	I IND +		ARR	ARR				25	N
980	Res in Envir Engr					1.00-16.00	ADVISORY		
	I IND +		ARR	ARR				25	N
990	Diss-Precand					1.00-8.00	ADVISORY		
	I IND +		ARR	ARR				25	N
995	Diss-Cand					8.00	ENFORCED		
	R IND +		ARR	ARR				25	N

CAT#	Course Title						CR	PREREQ	LAB FEE	
Class #	CODE CMP SEC	DAYS	TIME	LOCATION	INSTRUCTOR			OPEN SEATS	WL	

## CoE Robotics Institute

### Robotics (ROB) Open Sections

590	Directed Study IND +		ARR	ARR		1.00-6.00		25	N	
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## Design Science Program

### Design Science (DESCI) Open Sections

503	Design Practicum									
	IR	IND	+		ARR	ARR		3.00-6.00	ENFORCED	
										24
995	Diss-Cand									
	IND	+			ARR	ARR		8.00	ADVISORY	
										25
										N
										N

## Electrical Engr & Computer Sci

### Electrical Engineering And Computer Science (EECS) Open Sections

399	Directed Study IND +		ARR	ARR		1.00-4.00	ADVISORY	25	N
499	Adv Directed Study R IND +		ARR	ARR		1.00-4.00	ADVISORY, ENFORCED	25	N
599	Directed Study IND +		ARR	ARR		1.00-4.00	ADVISORY	25	N
698	Master's Thesis I IND +		ARR	ARR		1.00-6.00	ADVISORY	25	N
699	Research Work EECS IND +		ARR	ARR		1.00-6.00	ADVISORY	25	N
990	Diss-Precand IND +		ARR	ARR		1.00-8.00	ADVISORY	25	N
995	Diss-Cand R IND +		ARR	ARR		8.00	ENFORCED	25	N

## Engineering Undergraduate Educ

### Engineering (ENGR) Open Sections

<b>355</b>	<b>Multidis Eng Pro 2</b>							
62270	P LAB 003	ARR	ARR	1.00-4.00	Skerlos	25	N	
62271	P LAB 004	ARR	ARR		Gilchrist	25	N	
62272	P LAB 005	ARR	ARR		Renno	25	N	
62273	P LAB 006	ARR	ARR		Washabaugh	25	N	
62274	P LAB 007	ARR	ARR		Hansen	25	N	
62275	P LAB 008	ARR	ARR		Cutler	25	N	
62276	P LAB 009	ARR	ARR		Ridley	25	N	
62277	P LAB 010	ARR	ARR		McCormick	25	N	
62278	P LAB 011	ARR	ARR		Wooldridge	25	N	
62279	P LAB 012	ARR	ARR		Eustice	25	N	
62280	P LAB 014	ARR	ARR		Lin	25	N	
62281	P LAB 033	ARR	ARR		Wentzloff	25	N	
62533	P LAB 114	ARR	ARR		Bell IV	25	N	
<b>400</b>	<b>Co-Op Educ Engr</b>			<b>0.00</b>	<b>ADVISORY</b>	<b>65.00</b>		
60097	PD DIS 001	ARR	ARR		Noble	8	N	
<b>455</b>	<b>Multidis Eng Pro 3</b>			<b>2.00-5.00</b>				
62282	P LAB 002	ARR	ARR		Sienko	25	N	
62283	P LAB 003	ARR	ARR		Skerlos	25	N	
62284	P LAB 004	ARR	ARR		Gilchrist	25	N	
62285	P LAB 005	ARR	ARR		Renno	25	N	
62286	P LAB 006	ARR	ARR		Washabaugh	25	N	
62287	P LAB 007	ARR	ARR		Hansen	25	N	
62288	P LAB 008	ARR	ARR		Cutler	25	N	
62289	P LAB 009	ARR	ARR		Ridley	25	N	
62290	P LAB 010	ARR	ARR		Kabamba	25	N	
62291	P LAB 011	ARR	ARR		Gillespie	25	N	
62292	P LAB 012	ARR	ARR		Wooldridge	25	N	
62293	P LAB 014	ARR	ARR		Eustice	25	N	
62294	P LAB 015	ARR	ARR		Schmedlen	25	N	
<b>591</b>	<b>Engr Grad Study Abrd</b>			<b>1.00-16.00</b>	<b>ADVISORY</b>			
61233	PD LEC 013	ARR	ARR			25	N	
Nagoya University, Japan								
63047	P LEC 020	ARR	ARR			25	N	
<b>600</b>	<b>Eng Practicum Proj</b>			<b>1.00-8.00</b>	<b>ADVISORY</b>			
	IND +	ARR	ARR			25	N	



## Industrial-Operations Engr Dep

### Industrial And Operations Engineering (IOE) Open Sections

995	Dissertation Cand									
R	IND +			ARR		ARR		ENFORCED	24	N

## Integrative Systems and Design

### Automotive Engineering Program (AUTO) Open Sections

503	Auto Eng Project D IND +		ARR	ARR		3.00-4.00	ADVISORY	25	N
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### Energy Systems Engineering Program (ESENG) Open Sections

503	Energy Systems Proj D IND +		ARR	ARR		3.00	ADVISORY	30	N
567	Energy Infrastr Sys 63492 P LEC 881 TTH		1130-1PM	ARR		3.00 Lastoskie	ADVISORY	40	Y

### Integrative Systems and Design (ISD) Open Sections

503	ISD Practicum DR IND +		ARR	ARR		3.00-9.00	ENFORCED	25	N
520	Intr to Systems Engr 63478 P R LEC 001 MW		1230-2PM	151 CHRYS		3.00 Bordley, Sathyanarayanan	ADVISORY, ENFORCED	25	Y
590	Directed Study&Res IND +		ARR	ARR		1.00-3.00		25	N

### Robotics and Autonomous Vehicle Engineering (RAV) Open Sections

503	RAV Capstone Project IND +		ARR	ARR		3.00		25	N
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## Program In Manufacturing

### Manufacturing (MFG) Open Sections

503	Mfg Project IND +		ARR	ARR		3.00	ADVISORY		
								23	N
571	Ship Des Proj IND +		ARR	ARR		1.00-16.00	ADVISORY		
								25	N
590	Directed Stdy&Res IND +		ARR	ARR		1.00-3.00	ADVISORY		
								25	N
990	Dissertat Pre-Cand D IND +		ARR	ARR		2.00-8.00	ADVISORY		
								25	N
995	Dissertation-Cand R IND +		ARR	ARR		8.00	ENFORCED		
								25	N

## Materials Science & Engineering

### Materials Science Engineering (MATSCIE) Open Sections

490	Research Problems R IND +		ARR	ARR		1.00-3.00	ENFORCED	25	N
690	Research Problems IND +		ARR	ARR		1.00-16.00		25	N
693	Special Topics IND +		ARR	ARR		1.00-16.00		25	N
990	Diss-Precand IND +		ARR	ARR		1.00-8.00	ADVISORY	25	N
995	Diss-Cand R IND +		ARR	ARR		8.00	ENFORCED	25	N

**Mech Eng & Applied Mech Dept**  
**Applied Mechanics & Engineering Science (AMES) Open Sections**  
**Mechanical Engineering (MECHENG) Open Sections**

490	RISE 4							3.00			
	IND +		ARR		ARR					5	N
491	Independent Study							1.00-3.00	ADVISORY		
	IND +		ARR		ARR					25	N
590	Res Sel M E Topics							3.00-6.00	ADVISORY		
	IND +		ARR		ARR					25	N
695	Master Thesis Res							3.00-6.00	ADVISORY		
	IND +		ARR		ARR					25	N
990	Diss-Precand							1.00-8.00	ADVISORY		
	I IND +		ARR		ARR					25	N
995	Diss-Cand							8.00	ENFORCED		
	IR IND +		ARR		ARR					24	N

## Naval Arch & Marine Engr Dept

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

490	Dir Std,Res&Sp Prob						1.00-16.00	ADVISORY	
	IND +		ARR	ARR				25	N
511	Sp Topic Ship Struc						1.00-16.00	ADVISORY	
	I IND +		ARR	ARR				25	N
571	Ship Des Proj						1.00-16.00	ADVISORY	
	IND +		ARR	ARR				25	N
590	Directed Study&Res						1.00-6.00	ADVISORY	
	IND +		ARR	ARR				25	N
592	Masters Thesis						1.00-6.00	ADVISORY	
	I IND +		ARR	ARR				25	N
990	Diss-Precand						1.00-8.00	ADVISORY	
	IND +		ARR	ARR				25	N
995	Diss-Cand						8.00	ENFORCED	
	R IND +		ARR	ARR				25	N

## Nuclear Engr & Radiological Sci

### Nuclear Engineering And Radiological Sciences (NERS) Open Sections

499	Res Nur Eng/Rad Sci R IND +		ARR	ARR		1.00-3.00	ADVISORY, ENFORCED	25	N
588	Rad Safe&Md Phy Prac IND +		ARR	ARR		1.00-12.00	ADVISORY	25	N
599	Masters Project IND +		ARR	ARR		1.00-3.00	ADVISORY	25	N
799	Special Project IND +		ARR	ARR		1.00-6.00		25	N
990	Diss-Precand IND +		ARR	ARR		1.00-8.00	ADVISORY	25	N
995	Diss-Cand R IND +		ARR	ARR		8.00	ENFORCED	23	N

# Information

## School of Information

### Information (SI) Open Sections

Note--All Digital Took-Kit courses will be found on the SI Website:  
<http://www.si.umich.edu/dtk>.  
 For further information contact Marsha Whitish, 406 West Hall (mwhitish@umich.edu).

<b>390</b>	<b>Internship</b>								<b>3.00</b>		
	IND +		ARR	ARR							N
<b>995</b>	<b>Diss-Cand</b>								<b>8.00</b>	<b>ADVISORY, ENFORCED</b>	
	R IND +		ARR	ARR							N



CAT#	Course Title	CR	PREREQ	LAB FEE					
Class #	CODE CMP SEC	DAYS	TIME	LOCATION	INSTRUCTOR			OPEN SEATS	WL

# Kinesiology

## School Of Kinesiology

### Athletic Training (AT) Open Sections

403	Internship in AT					0.50-4.00	ADVISORY		
61404	PI LAB 001		ARR	ARR				5	N

### Health and Fitness (HF) Open Sections

403	Internship in HF					0.50-4.00	ADVISORY		
63843	PI LAB 101		ARR	ARR				25	N
63844	PI LAB 102		ARR	ARR	Kern			24	N

### Kinesiology (KINESLGY) Open Sections

429	Lab Mtr Cnt Dev					1.00-3.00	ADVISORY		
62302	PI LAB 001		ARR	ARR				3	N
62303	PI LAB 002		ARR	ARR	Ulrich			3	N
62514	PI LAB 003		ARR	ARR	Ulrich			3	N
63201	PI LAB 004		ARR	ARR	Meehan			3	N
439	Lab Biomechanic					1.00-3.00	ADVISORY		
61674	PD LAB 001		ARR	ARR				3	N
61675	PI LAB 002		ARR	ARR	Gross			3	N
449	Lab Exer Phys					1.00-3.00	ADVISORY		
61372	PI LAB 001		ARR	ARR	Borer			3	N
62239	PI LAB 002		ARR	ARR	Mendias			3	N
62975	PI LAB 003		ARR	ARR	Hasson			3	N
519	Spt Mgmt in Depth					2.00	ADVISORY		
	I IND +		ARR	ARR				25	N
619	Thesis Research					1.00-6.00	ADVISORY		
	I IND +		ARR	ARR				25	N
682	Ind Read in Kin					1.00-3.00	ADVISORY		
	I IND +		ARR	ARR				25	N
684	Ind Res in Kin					1.00-6.00	ADVISORY		
	I IND +		ARR	ARR				25	N
685	Res Rotation in Kin					3.00-6.00	ADVISORY		
62511	PI LAB 001		ARR	ARR	Fort			25	N
62968	PI LAB 002		ARR	ARR	Armstrong			25	N
990	Diss-Precand					1.00-8.00	ADVISORY		
	I IND +		ARR	ARR				25	N
995	Diss-Cand					8.00	ENFORCED		
	IR IND +		ARR	ARR				24	N

### Movement Science (MOVESCI) Open Sections

384	Honors Research					1.00-3.00	ADVISORY		
	I IND +		ARR	ARR				2	N
390	Field Exp MVS					1.00-8.00	ADVISORY		
	I IND +		ARR	ARR				25	N
403	Internship					0.50-3.00	ADVISORY		
61380	PI LAB 001		ARR	ARR	Bodary			5	N
62526	PI LAB 002		ARR	ARR	Bodary			5	N
62527	PI LAB 003		ARR	ARR	Bodary			5	N
62528	PI LAB 004		ARR	ARR	Bodary			4	N
429	Lab Mtr Cnt Dev					1.00-3.00	ADVISORY		
62298	PI LAB 001		ARR	ARR				3	N
62299	PI LAB 002		ARR	ARR	Ulrich			3	N
62512	PI LAB 003		ARR	ARR	Ulrich			3	N
63199	PI LAB 004		ARR	ARR	Meehan			3	N
439	Lab Biomechanic					1.00-3.00	ADVISORY		
61670	PD LAB 001		ARR	ARR				3	N
61671	PI LAB 002		ARR	ARR	Gross			3	N
449	Lab Exer Phys					1.00-3.00	ADVISORY		
61367	PI LAB 001		ARR	ARR	Borer			3	N
62238	PI LAB 002		ARR	ARR	Mendias			3	N
62971	PI LAB 003		ARR	ARR	Hasson			3	N
464	Clin Rot IONM I					3.00	ENFORCED		
	R IND +		ARR	ARR				15	N
488	Independent Study					1.00-3.00	ADVISORY		
	I IND +		ARR	ARR				25	N

### Physical Education (PHYSED) Open Sections

### Sport Management (SM) Open Sections

280	Research Opport					1.00-4.00	ADVISORY		
	I IND +		ARR	ARR				25	N
290	Field Exp SM					1.00-4.00	ADVISORY		
	I IND +		ARR	ARR				25	N
390	Field Experience					0.50-4.00	ADVISORY		
	I IND +		ARR	ARR				10	N

CAT#	Course Title					CR	PREREQ	LAB FEE	
Class #	CODE CMP SEC	DAYS	TIME	LOCATION	INSTRUCTOR			OPEN SEATS	WL
402	Teach Expernce SM I IND +		ARR	ARR		1.00-2.00	ADVISORY	25	N
<b>403</b>	<b>Internship in SM</b>					<b>0.50-3.00</b>	<b>ADVISORY</b>		
61178	PI LAB 001		ARR	ARR	Donahue, Phelan			7	N
62495	PI LAB 002		ARR	ARR	Donahue, Phelan			7	N
62496	PI LAB 003		ARR	ARR	Donahue, Phelan			6	N
62497	PI LAB 004		ARR	ARR	Donahue, Phelan			5	N
63207	PI LAB 005		ARR	ARR	Donahue, Phelan			7	N
<b>470</b>	<b>Independent Study</b> I IND +		ARR	ARR		<b>1.00-3.00</b>	<b>ADVISORY</b>	25	N

# LSA Residential College

## College of L S & A Residential College

### Core Courses (RCCORE) Open Sections

NOTE - ONLY RESIDENTIAL COLLEGE STUDENTS ARE ELIGIBLE TO ELECT R C INDEPENDENT STUDIES AND STUDY OFF CAMPUS.

CAT# Class #	Course Title CODE CMP SEC	DAYS	TIME	LOCATION	CR INSTRUCTOR	PREREQ	LAB FEE OPEN SEATS	WL
<b>Law</b>								
<b>Law School</b>								
<b>Law (LAW) Open Sections</b>								
<b>510</b>	<b>Civil Procedure</b>				<b>5.00</b>	<b>ENFORCED</b>		
63643	PDR LEC 001	MWF	1030-12PM	1225 LSSH	Friedman		19	N
<b>510</b>	<b>Civil Procedure</b>				<b>5.00</b>	<b>ENFORCED</b>		
	P R LEC 001	TTH	9-1030AM	1225 LSSH			19	N
ABCD, 2, 33, 41, 50								
<b>580</b>	<b>Torts</b>				<b>5.00</b>	<b>ENFORCED</b>		
63644	PDR LEC 001	MTWTH	115-245PM	1020 LSSH	Clark		60	N
AC, 2, 33, 50								
63645	PDR LEC 002	MTWTH	315-445PM	1020 LSSH	Clark		59	N
BD, 2, 33, 50								
<b>593</b>	<b>Legal Practice Skills I</b>				<b>2.00</b>	<b>ENFORCED</b>		
63650	PDR LEC 001	TTH	1045-12PM	0220 LSSH	Hannon		14	N
A, 1, 33, 49, 50, 91								
63651	PDR LEC 002	TTH	115-230PM	0220 LSSH	Hannon		16	N
B, 1, 33, 49, 50, 91								
63652	PDR LEC 003	TTH	1045-12PM	1025 LSSH	Osbeck		16	N
C, 1, 33, 49, 50, 91								
63653	PDR LEC 004	TTH	115-230PM	1025 LSSH	Osbeck		13	N
D, 1, 33, 49, 50, 91								
<b>598</b>	<b>Legal Pract:Writing &amp; Analysis</b>				<b>1.00</b>	<b>ENFORCED</b>		
63646	PDR LEC 001	TTH	1045-12PM	0220 LSSH	Hannon		14	N
A, 1, 33, 49, 50								
63647	PDR LEC 002	TTH	115-230PM	0220 LSSH	Hannon		16	N
B, 1, 33, 49, 50								
63648	PDR LEC 003	TTH	1045-12PM	1025 LSSH	Osbeck		16	N
C, 1, 33, 49, 50								
63649	PDR LEC 004	TTH	115-230PM	1025 LSSH	Osbeck		13	N
D, 1, 33, 49, 50								
<b>794</b>	<b>Senior Judge Seminar II</b>				<b>2.00</b>	<b>ADVISORY, ENFORCED</b>		
61515	PDR SMA 001		ARR	ARR	Becker		117	N
24, 25, 34								
<b>799</b>	<b>Senior Judge Seminar</b>				<b>2.00</b>	<b>ENFORCED</b>		
61514	PDR SMA 001		ARR	ARR	Becker		115	N
1, 24, 34								
<b>900</b>	<b>Research</b>				<b>1.00-12.00</b>	<b>ENFORCED</b>		
	IR IND +		ARR	ARR			10	N
22, 29								
<b>942</b>	<b>Law Practicum Research</b>				<b>1.00</b>	<b>ENFORCED</b>		
	DR IND +		ARR	ARR			10	N
30, 31								
<b>980</b>	<b>Advanced Clinical Law</b>				<b>1.00</b>	<b>ADVISORY, ENFORCED</b>		
	DR IND +		ARR	ARR			20	N
2, 22, 32, 36, 91								
<b>992</b>	<b>Research: Special Projects</b>				<b>1.00</b>	<b>ENFORCED</b>		
	IR IND +		ARR	ARR			10	N
22, 29								

# Literature, Science & the Arts

## Department of Afro-American and African Studies

### Afroamerican & African Studies (AAS) Open Sections

117	Inten Elem Swahili							8.00	
63660	P REC 001	MTWTH	3-5PM	5521 HH	Mwipopo			16	N
410	Supervised Research						1.00-6.00		
	I IND +		ARR	ARR				24	N

CAT#	Course Title						CR	PREREQ	LAB FEE	
Class #	CODE	CMP	SEC	DAYS	TIME	LOCATION	INSTRUCTOR		OPEN SEATS	WL

**Department of American Culture**  
**American Culture (AMCULT) Open Sections**

995	Diss-Cand								8.00	ENFORCED	24	N
	IR	IND	+			ARR	ARR					

## Anthropology Department

### Anthropological Archaeology (ANTHRARC) Open Sections

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

### Anthropology, Biological (ANTHRBIO) Open Sections

371	Techn in Bio Anthro								1.00-3.00			
62539	PI	LAB	001		ARR	ARR			Wolpoff		25	N

### Anthropology, Cultural (ANTHRCUL) Open Sections

990	Diss-Precand								1.00-8.00	ADVISORY		
	R	IND	+		ARR	ARR					24	N

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

CAT#	Course Title						CR	PREREQ	LAB FEE	
Class #	CODE	CMP	SEC	DAYS	TIME	LOCATION	INSTRUCTOR		OPEN SEATS	WL

## Applied Physics Program

### Applied Physics (APPPHYS) Open Sections

995	Diss-Cand									
R	IND	+		ARR		ARR		8.00	ENFORCED	25 N



**Asian Languages And Cultures**  
**Asian Studies (ASIAN) Open Sections**

995	Diss-Cand									
	DR	IND	+		ARR	ARR		8.00	ENFORCED	
									24	N

**Chinese (CHIN) Open Sections**  
**Japanese (JAPANESE) Open Sections**

CAT#	Course Title						CR	PREREQ	LAB FEE	
Class #	CODE	CMP	SEC	DAYS	TIME	LOCATION	INSTRUCTOR		OPEN SEATS	WL

## Astronomy Department

### Astronomy (ASTRO) Open Sections

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

**Biology Department**  
**Biology (BIOLOGY) Open Sections**

## Biophysics Research Division

### Biophysics (BIOPHYS) Open Sections

CAT#	Course Title					CR	PREREQ	LAB FEE	
Class #	CODE CMP SEC	DAYS	TIME	LOCATION	INSTRUCTOR			OPEN SEATS	WL

## Chemistry Department

### Chemistry (CHEM) Open Sections

<b>801</b>	<b>Analytical Seminar</b>					<b>2.00</b>	<b>ADVISORY</b>		
61142	PI SEM 100	W	4-5PM	ARR	Kennedy			10	N
<b>995</b>	<b>Diss-Cand</b>					<b>8.00</b>	<b>ENFORCED</b>		
	R IND +		ARR	ARR				23	N

**Classical Studies Department**

**Classical Archaeology (CLARCH) Open Sections**

**Classical Linguistics (CLLING) Open Sections**

**Greek (GREEK) Open Sections**

**Latin (LATIN) Open Sections**

995	Diss-Cand	R	IND	+	ARR	ARR	8.00	ENFORCED	24	N
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CAT#	Course Title						CR	PREREQ	LAB FEE	
Class #	CODE	CMP	SEC	DAYS	TIME	LOCATION	INSTRUCTOR		OPEN SEATS	WL

## Communication Studies

### Communication Studies (COMM) Open Sections

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

## Comparative Literature Program

### Comparative Literature (COMPLIT) Open Sections

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



## Program Study of Complex Systems

### Complex Systems (CMPLXSYS) Open Sections

## English Language & Literature Dept

### English Language And Literature (ENGLISH) Open Sections

995	Diss-Cand									
R	IND	+			ARR	ARR		ENFORCED	24	N

## Earth and Environmental Sciences

### Earth and Environmental Sciences (EARTH) Open Sections

995	Diss-Cand							8.00	ENFORCED	25	N
	IR	IND	+		ARR	ARR					

## Ecology & Evolutionary Biology

### Ecology and Evolutionary Biology (EEB) Open Sections

302	Teach Exper Undergr							1.00-3.00	
	I IND +		ARR	ARR				25	N
700	Advanced Studies							1.00-8.00	ADVISORY
	I IND +		ARR	ARR				25	N
990	Diss-Precand							1.00-8.00	ADVISORY
	I IND +		ARR	ARR				25	N
995	Diss-Cand							8.00	ENFORCED
	R IND +		ARR	ARR				24	N

CAT#	Course Title						CR	PREREQ	LAB FEE	
Class #	CODE CMP SEC	DAYS	TIME	LOCATION	INSTRUCTOR				OPEN SEATS	WL

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**Economics Department**  
**Economics (ECON) Open Sections**

995	Diss-Cand R IND +		ARR	ARR		8.00	ENFORCED		24	N
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CAT#	Course Title						CR	PREREQ	LAB FEE	
Class #	CODE	CMP	SEC	DAYS	TIME	LOCATION	INSTRUCTOR		OPEN SEATS	WL

**Program in the Environment**  
**Environment (ENVIRON) Open Sections**

300	Spec Prob&Res-Ugrad							1.00-4.00		
I	IND +			ARR		ARR			24	N

## Exhibit Museum

### Museum Methods (MUSMETH) Open Sections

## Germanic Languages & Lit Dept

### Dutch (DUTCH) Open Sections

### German (GERMAN) Open Sections

995	Diss-Cand									
	R IND +				ARR	ARR		8.00	ENFORCED	
									23	N



CAT#	Course Title						CR	PREREQ	LAB FEE	
Class #	CODE	CMP	SEC	DAYS	TIME	LOCATION	INSTRUCTOR		OPEN SEATS	WL

## History Department

### History (HISTORY) Open Sections

995	Diss-Cand									
	IR	IND	+		ARR	ARR	8.00	ENFORCED	24	N

## History Of Art Department

### History of Art (HISTART) Open Sections

299	Experiential Study							1.00-3.00			
	I IND +				ARR	ARR				25	N
995	Diss-Cand							8.00	ENFORCED		
	R IND +				ARR	ARR				25	N

### Museums (MUSEUMS) Open Sections

## Honors Program

### College Honors (HONORS) Open Sections

## **Judaic Studies Program**

### **Judaic Studies (JUDAIC) Open Sections**

## LS&A First Year Seminars

### Applied Liberal Arts (ALA) Open Sections

225	Undergrad Internship					1.00			
63255	PD LEC 001		ARR	ARR		Pariano		249	N

For information, please contact Ben Anderson, LSA Internship Course Coordinator, at lsainternships@umich.edu.

### University Courses (UC) Open Sections

280	Undergrad Research					1.00-4.00	ADVISORY		
60292	PI REC 001		ARR	ARR		Gregerman		35	N

**LSA II: Chinese Studies**  
**Chinese Studies (CCS) Open Sections**

CAT#	Course Title						CR	PREREQ	LAB FEE	
Class #	CODE	CMP	SEC	DAYS	TIME	LOCATION	INSTRUCTOR		OPEN SEATS	WL

## LSA II: Japanese Studies

### Japanese Studies (CJS) Open Sections

592	Ind	Std	Adv	Jpn	Lang				1.00-3.00	ADVISORY	25	N
	I		IND	+		ARR	ARR					

## LSA II: Latin American and Caribbean Studies

### Latin American And Caribbean Studies (LACS) Open Sections

499	Independent Study							1.00-3.00		
D	IND +		ARR	ARR					10	N



**LSA II: Middle Eastern & North African Studies**  
**Middle Eastern And North African Studies (MENAS) Open Sections**

**LSA II: Russian, East European & Eurasian Studies**  
**Russian, East European and Eurasian Studies (REEES) Open Sections**

## Department of Linguistics

### Linguistics (LING) Open Sections

CAT#	Course Title						CR	PREREQ	LAB FEE	
Class #	CODE	CMP	SEC	DAYS	TIME	LOCATION	INSTRUCTOR		OPEN SEATS	WL

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## Lloyd Hall Scholars Program

### Lloyd Hall Scholars Program (LHSP) Open Sections

299	Independent Study								150.00	
61346	PI	REC	001		ARR	ARR		1.00-4.00	1	N

## Macromolecular Sci & Engr Ctr

### Macromolecular Science (MACROMOL) Open Sections

<b>790</b>	<b>Fac Actv Res Surv</b>					<b>1.00-3.00</b>	<b>ADVISORY</b>		
60538	P SEM 001		ARR	ARR		Laine		15	N
<b>800</b>	<b>Macromolecular Sem</b>					<b>2.00</b>	<b>ADVISORY</b>		
60539	P SEM 001		ARR	ARR		Laine		35	N
<b>890</b>	<b>Intro Res Technique</b>					<b>1.00-8.00</b>	<b>ADVISORY</b>		
	IND +		ARR	ARR				25	N
<b>990</b>	<b>Diss-Precand</b>					<b>1.00-8.00</b>	<b>ADVISORY</b>		
	IND +		ARR	ARR				25	N
<b>995</b>	<b>Diss-Cand</b>					<b>8.00</b>	<b>ENFORCED</b>		
	R IND +		ARR	ARR				25	N

CAT#	Course Title						CR	PREREQ	LAB FEE	
Class #	CODE	CMP	SEC	DAYS	TIME	LOCATION	INSTRUCTOR		OPEN SEATS	WL

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## Mathematics Department

### Mathematics (MATH) Open Sections

995	Diss-Cand									
	R	IND	+		ARR	ARR		8.00	ENFORCED	
									23	N

## Molecular, Cellular, and Developmental Biology

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

300	Undergrad Research I IND +		ARR	ARR		1.00-3.00	ADVISORY		
								25	N
302	Teach Exper Undergr I IND +		ARR	ARR		1.00-3.00			
								25	N
400	Advanced Research IR IND +		ARR	ARR		1.00-3.00	ADVISORY, ENFORCED		
								25	N
700	Advanced Studies I IND +		ARR	ARR		1.00-8.00	ADVISORY		
								25	N
990	Diss-Precand I IND +		ARR	ARR		1.00-8.00	ADVISORY		
								25	N
995	Diss-Cand R IND +		ARR	ARR		8.00	ENFORCED		
								24	N

**Near Eastern Studies Department**  
**Near Eastern Studies (NEAREAST) Open Sections**



## Organizational Studies

### Organizational Studies (ORGSTUDY) Open Sections

299	Undergrad Internship D IND +		ARR	ARR		1.00	ADVISORY		
								24	N
499	Independent Study I IND +		ARR	ARR		1.00-4.00	ADVISORY		
								24	N

CAT#	Course Title						CR	PREREQ	LAB FEE	
Class #	CODE	CMP	SEC	DAYS	TIME	LOCATION	INSTRUCTOR		OPEN SEATS	WL

**Philosophy Department**  
**Philosophy (PHIL) Open Sections**

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

## Physics Department

### Physics (PHYSICS) Open Sections

415	Ug Special Problems					1.00-6.00			
	I IND +		ARR	ARR				25	N
995	Diss-Cand					8.00	ENFORCED		
	R IND +		ARR	ARR				24	N

**Political Science Department**  
**Political Science (POLSCI) Open Sections**

299	POLSCI Internship D IND +		ARR	ARR			1.00	ADVISORY		
995	Diss-Cand IR IND +		ARR	ARR			8.00	ENFORCED	10	N
									24	N

## Psychology Department

### Psychology (PSYCH) Open Sections

200	Ind Psych Issues I IND +	ARR	ARR	1.00-4.00	ADVISORY	5	N
322	Fld Prac Res Nat Sci I IND +	ARR	ARR	1.00-4.00	ADVISORY	5	N
326	Dir Res Psych/NS I IND +	ARR	ARR	1.00-4.00	ADVISORY	5	N
404	Field Practicum I IND +	ARR	ARR	1.00-4.00	ADVISORY	5	N
405	Pract Univ Setting I IND +	ARR	ARR	1.00-4.00	ADVISORY	5	N
420	Adv Reading NS I IND +	ARR	ARR	1.00-4.00	ADVISORY	5	N
421	Adv Reading Soc Sci I IND +	ARR	ARR	1.00-4.00	ADVISORY	5	N
422	Adv Research NS I IND +	ARR	ARR	1.00-4.00	ADVISORY	5	N
426	Sr Hon Res II Nat Sc I IND +	ARR	ARR	2.00-4.00	ADVISORY	24	N
61014	AI SEM 001	ARR	ARR	Shah			
428	Sr Thesis Psych NS D IND +	ARR	ARR	2.00-4.00	ADVISORY	5	N
616	Anal Survey Data II PD SEM 001	ARR	ARR	4.00	ADVISORY	30	N
62835	Supervised Research I IND +	ARR	ARR	1.00-4.00	ADVISORY	24	N
683	Wkshop Samp Techniq P SEM 001 MTWTHF	830-1130AM	3207 LSA	3.00-6.00	ADVISORY	25	N
63385	Applied Sampling P LEC 001 TTH	1230-3PM	G300 PERRY	3.00	ADVISORY	24	N
687	Heeringa, Lepkowski Wagner						
61552	Int to Surv Res Tech P SEM 101	ARR	ARR	6.00	ADVISORY	30	N
688	Quest Design & Eval P SEM 001 TTH	3-530PM	G300 PERRY	3.00	ADVISORY	27	N
711	Broome						
61554	Diss-Cand IR IND +	ARR	ARR	8.00	ENFORCED	24	N

Please contact the Summer Institute at 764-6595 with questions or for an override. This course is offered as part of the ISR Summer Institute in Survey Research Techniques.

Please contact the Summer Institute at 764-6595 with questions or to request override. This course is offered as part of the ISR Summer Institute in Survey Research Techniques.

## Studies In Religion

### Religion (RELIGION) Open Sections

**Romance Languages Department**

**French (FRENCH) Open Sections**

**Italian (ITALIAN) Open Sections**

995	Diss-Cand						8.00	ENFORCED		
	DR IND +		ARR	ARR					1	N

**Portuguese (PORTUG) Open Sections**

**Romance Linguistics (ROMLING) Open Sections**

**Spanish (SPANISH) Open Sections**

CAT#	Course Title	CR	PREREQ	LAB FEE					
Class #	CODE CMP SEC	DAYS	TIME	LOCATION	INSTRUCTOR	INSTR	OPEN SEATS	WL	

## SRC-PSM Graduate Program

### Survey Methodology (SURVMETH) Open Sections

<b>601</b>	Int to Surv Res Tech								
63341	P SEM 001	ARR		ARR			6.00	ADVISORY	30 N
<b>614</b>	Dsn&Anl Com Samp Srv								
61550	P SEM 001 MW	1-3PM		3207 LSA	West		3.00	ADVISORY	25 N
<b>614</b>	Dsn&Anl Com Samp Srv								
	P SEM 001 F	1-4PM		ARR			3.00	ADVISORY	25 N
Please contact the Summer Institute at 764-6595 with questions or for an override. This course is offered as part of the ISR Summer Institute in Survey Research Techniques.									
<b>616</b>	Wkshop Samp Techniq								
63383	P SEM 001 MTWTHF	830-1130AM		3207 LSA	Heeringa, Lepkowski		3.00-6.00	ADVISORY	25 N
<b>623</b>	Data Collection Meth								
61547	P LEC 001 MW	3-4PM		G300 PERRY	Conrad, Keusch		3.00	ADVISORY	25 N
Please contact Summer Institute at 764-6595 for questions or override. Offered as part of ISR Summer Institute in Survey Research Techniques.									
<b>625</b>	Applied Sampling								
61549	P LEC 001 TTH	1230-3PM		G300 PERRY	Wagner		3.00	ADVISORY	24 N
Please contact the Summer Institute at 764-6595 with questions or for an override. This course is offered as part of the ISR Summer Institute in Survey Research Techniques.									
<b>630</b>	Quest Design & Eval								
61548	P SEM 001 TTH	3-530PM		G300 PERRY	Broome		3.00	ADVISORY	27 N
Please contact the Summer Institute at 764-6595 with questions or to request override. This course is offered as part of the ISR Summer Institute in Survey Research Techniques.									
<b>651</b>	Semi-Struc Interview								
62833	P SEM 001 MTWTHF	9-1PM		3333 MH	Riley		1.50		21 N
Qual Meth Overview and Semi St									
<b>652</b>	Intro Focus Group								
63311	P SEM 001 MTWTHF	9-1PM		3333 MH	Lepkowski		1.50	ADVISORY	25 N
Intro to Focus Groups									
<b>653</b>	Comb Qual&Quan Data								
62475	P SEM 001 MTWTHF	9-1PM		3333 MH	Axinn, Ghimire		1.50	ADVISORY	23 N
Mixed Method Research Design Offered as part of the Summer Institute in Survey Research Techniques. Contact summers@isr.umich.edu for registration information.									
<b>681</b>	Anal Survey Data II								
62831	PD SEM 001	ARR		ARR			4.00	ADVISORY	30 N
<b>688</b>	Bld Test Str Equ Mod								
62517	PD SEM 001	ARR		ARR			3.00		25 N
<b>988</b>	Adv Sem in Surv Meth								
63187	P SEM 006 MTWTHF	9-12PM		2353 MH	Schaeffer		1.00-3.00	ADVISORY	20 N
Intro to Applied Quest Design Introduction to Applied Questionnaire Design. Course offered through Michigan Program in Survey Methodology as part of the Summer Institute in Survey Research Techniques.									
Contact isr-summer@umich.edu with questions.									
62832	P SEM 009 MWF	530-8PM		ARR	Peytcheva				10 N
Intro to Survey Research - A Intro to Survey Research Techniques A. Course offered through Michigan Program in Survey Methodology as part of the Summer Institute in Survey Research Techniques.									
Contact isr-summer@umich.edu with questions.									
63343	P SEM 010 MWF	530-8PM		ARR	Peytcheva				10 N
Intro to Survey Research - B Intro to Survey Research Techniques B. Course offered through Michigan Program in Survey Methodology as part of the Summer Institute in Survey Research Techniques.									
Contact isr-summer@umich.edu with questions.									
63344	P SEM 011 MWF	530-8PM		ARR	Peytcheva				10 N
Intro to Survey Research - C Intro to Survey Research Techniques C. Course offered through Michigan Program in Survey Methodology as part of the Summer Institute in Survey Research Techniques.									
Contact isr-summer@umich.edu with questions.									
63384	P SEM 013 MTWTHF	9-12PM		1436 MH	Couper				20 N
Web Survey Design Web Survey Design. Course offered through Michigan Program in Survey Methodology as part of the Summer Institute in Survey Research Techniques.									
Contact isr-summer@umich.edu with questions.									
63387	P SEM 019 MTWTHF	1-4PM		1436 MH	Lepkowski, Lee				20 N
Probability and NonProb Sampli Probability and Non Probability Sampling. Course offered through Michigan Program in Survey Methodology as part of the Summer Institute in Survey Research Techniques.									



CAT#	Course Title	CR	PREREQ	LAB FEE			
Class #	CODE CMP SEC	DAYS	TIME	LOCATION	INSTRUCTOR	OPEN SEATS	WL
Contact isr-summer@umich.edu with questions.							
63388	P SEM 020	MTWTHF	1-4PM	2325 MH	Campanelli	19	N
Multi-Item Scale Development Multi Item Scale Development and Testing. Course offered through Michigan Program in Survey Methodology as part of the Summer Institute in Survey Research Techniques.							
Contact isr-summer@umich.edu with questions.							
63389	P SEM 021	MTWTHF	1-4PM	4128 LSA	Campanelli	20	N
Question Testing Methods Question Testing Methods. Course offered through Michigan Program in Survey Methodology as part of the Summer Institute in Survey Research Techniques.							
Contact isr-summer@umich.edu with questions.							
63390	P SEM 023	MTWTHF	9-12PM	1436 MH	Suzer Gurtekin	20	N
Mixed Mode Surveys Mixed Mode Surveys. Course offered through Michigan Program in Survey Methodology as part of the Summer Institute in Survey Research Techniques.							
Contact isr-summer@umich.edu with questions.							
63391	P SEM 024	MWTHF	9-1PM	3333 MH	Lee	20	N
Sampling Rare Populations Sampling Rare Populations. Course offered through Michigan Program in Survey Methodology as part of the Summer Institute in Survey Research Techniques.							
Contact isr-summer@umich.edu with questions.							
63393	P SEM 029	MTWTHF	9-12PM	2353 MH	Suzer Gurtekin	19	N
Intro to Survey Research Tech Intro to Survey Research Techniques (1 week). Course offered through Michigan Program in Survey Methodology as part of the Summer Institute in Survey Research Techniques.							
Contact isr-summer@umich.edu with questions.							
63392	P SEM 025	F	12-1PM	ARR	Broome, Keusch	20	N
	P SEM 025	F	12-1PM	ARR		20	N
	P SEM 025	MTWTHF	9-12PM	ARR		20	N
	P SEM 025	F	12-1PM	ARR		20	N
Do Better Surveys Real World Doing Better Surveys in the Real World. Course offered through Michigan Program in Survey Methodology as part of the Summer Institute in Survey Research Techniques.							
Contact isr-summer@umich.edu with questions.							
63220	P SEM 002	MTWTHF	930-1215PM	G300 PERRY	Henson	20	N
Multi-level Analysis (HLM) Multi-level Analysis of Survey Data. Course offered through Michigan Program in Survey Methodology as part of the Summer Institute in Survey Research Techniques.							
Contact isr-summer@umich.edu with questions.							
63345	P SEM 003	MTWTHF	1230-230PM	1448 MH	Schilling	19	N
Item Response Theory (IRT) Item Response Theory. Course offered through Michigan Program in Survey Methodology as part of the Summer Institute in Survey Research Techniques.							
Contact isr-summer@umich.edu with questions.							
62476	P SEM 007		ARR	ARR		20	N
63342	P SEM 008	MWF	530-8PM	ARR	Peytcheva	19	N
Intro Survey Research Tech-6 Intro to Survey Research Techniques. Course offered through Michigan Program in Survey Methodology as part of the Summer Institute in Survey Research Techniques.							
Contact isr-summer@umich.edu with questions.							
63346	P SEM 001	WTHFSASU	9-5PM	ARR	Raghunathan, Berglund	20	N
Mult. Imputation in Practice Multiple Imputation in Practice. Course offered through Michigan Program in Survey Methodology as part of the Summer Institute in Survey Research Techniques.							
Contact isr-summer@umich.edu with questions.							

## Screen Arts and Cultures

### Screen Arts and Cultures (SAC) Open Sections

499	Independent Study							1.00-4.00	150.00	
I	IND	+		ARR		ARR			25	N

**Slavic Languages & Lit Dept**  
**Russian (RUSSIAN) Open Sections**  
**Ukrainian (UKR) Open Sections**

## Sociology Department

### Sociology (SOC) Open Sections

<b>612</b>	<b>Applied Sampling</b>					<b>3.00</b>	<b>ADVISORY</b>			
61553	P LEC 001	TTH	1230-3PM	G300 PERRY		Wagner		24	N	
Please contact the Summer Institute at 764-6595 with questions or for an override. This course is offered as part of the ISR Summer Institute in Survey Research Techniques.										
<b>616</b>	<b>Anal Survey Data II</b>					<b>4.00</b>	<b>ADVISORY</b>			
62836	PD SEM 001		ARR	ARR				30	N	
<b>621</b>	<b>Wkshop Samp Techniq</b>					<b>3.00-6.00</b>	<b>ADVISORY</b>			
63386	P SEM 001	MTWTHF	830-1130AM	3207 LSA		Heeringa, Lepkowski		25	N	
<b>688</b>	<b>Int to Surv Res Tech</b>					<b>6.00</b>	<b>ADVISORY</b>			
63348	P SEM 101		ARR	ARR				30	N	
<b>711</b>	<b>Quest Design &amp; Eval</b>					<b>3.00</b>	<b>ADVISORY</b>			
61555	P SEM 001	TTH	3-530PM	G300 PERRY		Broome		27	N	
Please contact the Summer Institute at 764-6595 with questions or to request override. This course is offered as part of the ISR Summer Institute in Survey Research Techniques.										
<b>990</b>	<b>Diss-Precand</b>					<b>1.00-8.00</b>	<b>ADVISORY</b>			
	IND +		ARR	ARR				25	N	
<b>995</b>	<b>Diss-Cand</b>					<b>8.00</b>	<b>ENFORCED</b>			
	R IND +		ARR	ARR				24	N	

CAT#	Course Title						CR	PREREQ	LAB FEE	
Class #	CODE	CMP	SEC	DAYS	TIME	LOCATION	INSTRUCTOR		OPEN SEATS	WL

**Statistics Department**  
**Statistics (STATS) Open Sections**

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

## Women's Studies Department

### Womens Studies (WOMENSTD) Open Sections

990	Diss Pre-Cand I IND +		ARR	ARR		1.00-8.00	ADVISORY		10	N
995	Diss Cand IR IND +		ARR	ARR		8.00	ENFORCED		10	N

# Medicine

## Division of Anatomical Science

### Anatomy (ANATOMY) Open Sections

800	Special Topics							1.00		
60298	PI	LEC	001		ARR	ARR			10	N

## **Anesthesiology Department**

### **Anesthesia (ANESTH) Open Sections**



## Bioinformatics

### Bioinformatics (BIOINF) Open Sections

990	Diss Research / Prec I IND +		ARR	ARR		1.00-8.00	ADVISORY		
								25	N
995	Diss-Cand Res R IND +		ARR	ARR		8.00	ENFORCED		
								24	N

CAT#	Course Title						CR	PREREQ	LAB FEE	
Class #	CODE CMP SEC	DAYS	TIME	LOCATION			INSTRUCTOR		OPEN SEATS	WL

**Biological Chemistry Department**  
**Biological Chemistry (BIOLCHEM) Open Sections**

398	UG Research BIOLCHEM						1.00-4.00	ADVISORY		
I	IND +		ARR	ARR					25	N

## Cancer Biology Graduate Program

### Cancer Biology (CANC BIO) Open Sections

599	Grad Independ Res						1.00-8.00		
	D IND +		ARR	ARR				10	N
995	Cand Diss Res						8.00		
	I IND +		ARR	ARR				24	N

## Cell and Developmental Biology

### Cell and Developmental Biology (CDB) Open Sections

599	Directed Research										
	I	IND	+		ARR	ARR		1.00-8.00	ADVISORY		
										25	N
995	Diss-Cand										
	R	IND	+		ARR	ARR		8.00	ENFORCED		
										25	N

CAT#	Course Title						CR	PREREQ	LAB FEE	
Class #	CODE	CMP	SEC	DAYS	TIME	LOCATION	INSTRUCTOR		OPEN SEATS	WL

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## Cellular and Molecular Biology

### Cellular And Molecular Biology (CMBIOL) Open Sections

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

## **Dermatology Department**

### **Dermatology (DERM) Open Sections**

CAT#	Course Title						CR	PREREQ	LAB FEE	
Class #	CODE	CMP	SEC	DAYS	TIME	LOCATION	INSTRUCTOR		OPEN SEATS	WL

**Human Genetics Department**  
**Human Genetics (HUMGEN) Open Sections**

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

## Internal Medicine Department

### Internal Medicine (INTMED) Open Sections

499	Ug Int Med Res								
	I IND +			ARR	ARR			1.00-16.00	24 N
603	Hlt Series Research					2.00	ADVISORY		
61349	P SEM 001 T			4-6PM	2062 PALM				25 N
605	Mentored Clin Res					1.50-4.00	ADVISORY		
61509	P LAB 001			ARR	ARR			Clauw	24 N
606	Clinical Res Sem					1.00-2.00	ADVISORY		
61630	P SEM 001			ARR	ARR				25 N
For OJOC Students only.									
62550	P SEM 333 TH			1230-130PM	ARR			Burant, Wiley	25 N
607	Clin Res Symposia					1.00-2.00	ADVISORY		
61192	P SEM 001			ARR	ARR				25 N
611	Intro Clin Res Meth					2.00	ADVISORY		
61510	P SEM 001 T			4-6PM	ARR				25 N



## Department of Learning Health Sciences

### Medical Education (MEDEDUC) Open Sections

655	MHPE Ed Prof Act. 2								
	R IND +		ARR	ARR	6.00	ENFORCED		23	N
660	MHPE Ed Prof Act. 3								
	R IND +		ARR	ARR	6.00	ENFORCED		24	N
665	MHPE Ed Prof Act. 4								
	R IND +		ARR	ARR	6.00	ENFORCED		25	N
670	MHPE Ed Prof Act. 5								
	R IND +		ARR	ARR	6.00	ENFORCED		24	N
675	MHPE Ed Prof Act. 6								
	R IND +		ARR	ARR	6.00	ENFORCED		25	N
680	MHPE Ed Prof Act. 7								
	R IND +		ARR	ARR	6.00	ENFORCED		25	N
695	MHPE Capstone								
	R IND +		ARR	ARR	1.00-9.00	ENFORCED		25	N

CAT#	Course Title						CR	PREREQ	LAB FEE	
Class #	CODE	CMP	SEC	DAYS	TIME	LOCATION	INSTRUCTOR		OPEN SEATS	WL

## Medical School Administration

### Immunology (IMMUNO) Open Sections

995	Diss-Cand							8.00	ENFORCED	
	DR	IND	+		ARR	ARR			24	N

### Medical School Administration (MEDADM) Open Sections

807	Adv Head&Neck							2.00		
60300	P R	LAB	002		ARR	ARR			25	N
60299	S R	LEC	001	W	2-5PM	ARR				

CAT#	Course Title						CR	PREREQ	LAB FEE	
Class #	CODE	CMP	SEC	DAYS	TIME	LOCATION	INSTRUCTOR		OPEN SEATS	WL

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## Microbiology And Immunology

### Microbiology (MICRBIOL) Open Sections

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

## Neurology Department

### Neurology (NEUROL) Open Sections

CAT#	Course Title						CR	PREREQ	LAB FEE	
Class #	CODE	CMP	SEC	DAYS	TIME	LOCATION	INSTRUCTOR		OPEN SEATS	WL

**Center For Neuroscience**  
**Neuroscience (NEUROSCI) Open Sections**

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

**Obstetrics And Gynecology Dept**  
**Obstetrics and Gynecology (OBSTGYN) Open Sections**

## Ophthalmology Department

### Ophthalmology (OPHTH) Open Sections

CAT#	Course Title						CR	PREREQ	LAB FEE
Class #	CODE CMP SEC	DAYS	TIME	LOCATION	INSTRUCTOR			OPEN SEATS	WL

**Otorhinolaryngology Department**  
**Otorhinolaryngology (OTO) Open Sections**

499	U G Oto Research						1.00-16.00		
I	IND +		ARR	ARR				24	N



## Pathology Department

### Pathology (PATH) Open Sections

850	Res Colloq Exp Path					1.00	ADVISORY		
60346	PI DIS 001		ARR	ARR				15	N
995	Cand Diss Research					8.00	ENFORCED		
	R IND +		ARR	ARR				1	N

## **Pediatrics & Comm Diseases Dep**

### **Pediatrics (PEDIAT) Open Sections**

CAT#	Course Title				CR	PREREQ	LAB FEE		
Class #	CODE	CMP	SEC	DAYS	TIME	LOCATION	INSTRUCTOR	OPEN SEATS	WL

**Pharmacology Department**  
**Pharmacology (PHRMACOL) Open Sections**

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

CAT#	Course Title						CR	PREREQ	LAB FEE	
Class #	CODE	CMP	SEC	DAYS	TIME	LOCATION	INSTRUCTOR		OPEN SEATS	WL

## Physical Medicine & Rehab Dept

### Physical Medicine & Rehabilitation (PMR) Open Sections

599	Clinical Research								1.00-8.00	
I	IND +			ARR		ARR			1	N

## Physiology Department

### Physiology (PHYSIOL) Open Sections

599	Grad Ind Research I IND +		ARR	ARR		1.00-8.00	ADVISORY	25	N
702	Physio MS Res Proj I IND +		ARR	ARR		3.00-8.00		25	N
995	Diss-Cand R IND +		ARR	ARR		8.00	ENFORCED	24	N

## Psychiatry Department

### Psychiatry (PSYCHIAT) Open Sections

## **Surgery Department**

### **Surgery (SURGERY) Open Sections**

## Music, Theatre & Dance

### School of Music, Theatre and Dance

#### Composition (COMP) Open Sections

995	Diss-Cand IR IND +		ARR	ARR	8.00	ENFORCED		35	N
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#### Conducting (CONDUCT) Open Sections

990	Diss-Precand IND +		ARR	ARR	1.00-8.00	ADVISORY		25	N
995	Diss-Cand R IND +		ARR	ARR	8.00	ENFORCED		25	N

#### Music Education (MUSED) Open Sections

995	Diss-Cand R IND +		ARR	ARR	8.00	ENFORCED		24	N
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#### Musicology (MUSICOL) Open Sections

995	Diss-Cand R IND +		ARR	ARR	8.00	ENFORCED		25	N
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#### Music Performance (MUSPERF) Open Sections

891	Directed Perform I IND +		ARR	ARR	2.00-6.00	ADVISORY		25	N
990	Diss-Precand IND +		ARR	ARR	1.00-8.00	ADVISORY		25	N
995	Diss-Cand R IND +		ARR	ARR	8.00	ENFORCED		25	N

#### Performing Arts & Technology (PAT) Open Sections

407	Direct Indiv Stdy I IND +		ARR	ARR	1.00-3.00	ADVISORY		10	N
481	Independent Stds I IND +		ARR	ARR	1.00-4.00	ADVISORY		25	N
490	Sr Thesis Seminar		ARR	ARR	1.00-3.00	ADVISORY		25	N
62808	PI SEM 001		ARR	ARR	Santos			25	N

#### Theory (THEORY) Open Sections

995	Diss-Cand IR IND +		ARR	ARR	8.00	ENFORCED		25	N
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CAT#	Course Title						CR	PREREQ	LAB FEE	
Class #	CODE	CMP	SEC	DAYS	TIME	LOCATION	INSTRUCTOR		OPEN SEATS	WL

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## Theatre And Drama

### Theatre & Drama (THTREMUS) Open Sections

995	Diss-Cand									
R	IND	+			ARR	ARR	8.00	ENFORCED	25	N

# Natural Resources&Environment

## Sch Of Nat Resources & Environ

### Natural Resources And Environment (NRE) Open Sections

598	N R Internship-Gr I IND +		ARR	ARR		1.00-3.00	ADVISORY	24	N
995	Diss-Cand R IND +		ARR	ARR		8.00	ENFORCED	24	N

# Nursing

## School Of Nursing

### Health Sciences (HS) Open Sections

<b>550</b>	<b>Sci Meth Fundamental</b>							<b>4.00</b>	
63359	P LAB 002	TH	4-5PM	ARR				Buu	20 N
HS 550 lab will meet on May 4, June 1, July 6, and August 3 in SNB 1000.									
63358	A LEC 001	TH	1-4PM	ARR				Buu	
HS 550 lecture will meet on May 4, June 1, July 6, and August 3 in SNB 1000.									

### Nursing Second Career (NSC) Open Sections

#### Nursing (NURS) Open Sections

<b>499</b>	<b>Independent Study</b>							<b>1.00-5.00</b>	<b>ADVISORY</b>	
	IND +			ARR	ARR					25 N
<b>797</b>	<b>Independent Study</b>							<b>1.00-3.00</b>	<b>ADVISORY</b>	
	IND +			ARR	ARR					2 N
<b>955</b>	<b>Scholarly Project</b>							<b>1.00-6.00</b>	<b>ADVISORY</b>	
	IND +			ARR	ARR					25 N

# Pharmacy

## College Of Pharmacy

### Medicinal Chemistry (MEDCHEM) Open Sections

940	Adv Research Sem					1.00	ADVISORY			
60401	P SEM 001		ARR	ARR		Coward		10	N	
995	Diss-Cand					8.00	ENFORCED			
	R IND +		ARR	ARR				24	N	

### Pharmacy (PHARMACY) Open Sections

730	Pharm D Sem					1.00	ADVISORY			
63238	PD SEM 001		ARR	ARR		Park		24	N	
787	Adv Pharm Prac Exp 1					4.00	ADVISORY			
62563	P LAB 001		ARR	ARR		Walker		11	N	
788	Adv Pharm Prac Exp 2					4.00	ADVISORY			
62564	P LAB 001		ARR	ARR		Walker		14	N	
789	Adv Pharm Prac Exp 3					4.00	ADVISORY			
62565	P LAB 001		ARR	ARR		Walker		14	N	

### Pharmaceutical Chemistry (PHARMCHM) Open Sections

### Pharmaceutical Sciences (PHARMSCI) Open Sections

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

### Social and Administrative Sciences (SOCADMIN) Open Sections

**Public Health**  
**Biostatistics Department**  
**Biostatistics (BIOSTAT) Open Sections**

995	Diss-Cand R IND +		ARR	ARR		8.00	ENFORCED	24	N
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CAT#	Course Title						CR	PREREQ	LAB FEE	
Class #	CODE	CMP	SEC	DAYS	TIME	LOCATION	INSTRUCTOR		OPEN SEATS	WL

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## Environmental Health Sciences

### Environmental Health Sciences (EHS) Open Sections

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

CAT#	Course Title						CR	PREREQ	LAB FEE	
Class #	CODE	CMP	SEC	DAYS	TIME	LOCATION	INSTRUCTOR		OPEN SEATS	WL

## Epidemiology Department

### Epidemiology (EPID) Open Sections

995	Diss-Cand									
R	IND	+			ARR	ARR		8.00	ENFORCED	23
										N

## Health Management And Policy

### Health Management And Policy (HMP) Open Sections

<b>540</b>	<b>Legal/Ethical Res</b>					<b>2.00-3.00</b>	<b>ADVISORY</b>			
61319	PI LEC 333		ARR	ARR				1	N	
<b>542</b>	<b>Cst Ut Anl&amp;Clin Res</b>					<b>3.00</b>				
63286	PD LEC 333		ARR	ARR		Saltzman		35	N	
This course will meet in room 1655 SPH I										
<b>606</b>	<b>Mgt Acctg H C Admin</b>					<b>3.00</b>	<b>ADVISORY</b>			
62972	PD LEC 777		ARR	ARR		Singh		12	N	
<b>654</b>	<b>Oper&amp;Control Syst</b>					<b>3.00</b>	<b>ADVISORY</b>			
62974	PD LEC 777		ARR	ARR		Mendez		23	N	
<b>682</b>	<b>Case Stdy Hlt Serv</b>					<b>3.00</b>	<b>ADVISORY</b>			
62797	PD SEM 777		ARR	ARR		Hess		21	N	
<b>690</b>	<b>Readings</b>					<b>1.00-4.00</b>	<b>ADVISORY</b>			
	I IND +		ARR	ARR				25	N	



CAT#	Course Title						CR	PREREQ	LAB FEE	
Class #	CODE	CMP	SEC	DAYS	TIME	LOCATION	INSTRUCTOR		OPEN SEATS	WL

## Health Behavior & Health Education Department

### Health Behavior And Health Education (HBEHED) Open Sections

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

## Nutritional Sciences

### Nutritional Sciences (NUTR) Open Sections

**Public Policy**  
**School Of Public Policy**  
**Public Policy (PUBPOL) Open Sections**

490	Independent Study IND +		ARR	ARR		1.00-3.00			
700	Directed Research I IND +		ARR	ARR		1.00-6.00	ADVISORY	24	N
995	Diss-Cand R IND +		ARR	ARR		8.00	ENFORCED	25	N
								24	N

# Rackham Graduate School

## Chemical Biology (CHEMBIO) Open Sections

599	Research Rotation								1.00-6.00	
62242	PD LAB 001		ARR	ARR					Mapp	24 N
995	Diss-Cand								8.00	ENFORCED
	DR IND +		ARR	ARR						25 N

## Museum Studies (MSP) Open Sections

# 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

995	Diss-Cand	R	IND +	ARR	ARR	8.00	ENFORCED	23	N
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### Business Administration (BA) Open Sections

### Business Communication (BCOM) Open Sections

### Business Economics And Public Policy (BE) Open Sections

### Business Law (BL) Open Sections

### Executive Master of Business Administration (EMBA) Open Sections

### Finance (FIN) Open Sections

399	Indep Study Project	I	IND +	ARR	ARR	1.00-3.00	ADVISORY	24	N
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### Marketing (MKT) Open Sections

995	Diss-Cand	R	IND +	ARR	ARR	8.00	ENFORCED	24	N
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### Management and Organizations (MO) Open Sections

750	Indep Study Project	I	IND +	ARR	ARR	1.00-3.00	ADVISORY	24	N
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995	Diss-Cand	R	IND +	ARR	ARR	8.00	ENFORCED	24	N
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### Strategy (STRATEGY) Open Sections

### Technology and Operations (TO) Open Sections

### Weekend Master of Business Administration (WMBA) Open Sections

# Social Work

## School Of Social Work

### Social Work (SW) Open Sections

415	Ind Studies: SW					1.00-3.00	ADVISORY		
	IND +		ARR	ARR				24	N
520	Ind Stds Hum Behav					1.00-3.00	ADVISORY		
	IND +		ARR	ARR				23	N
523	Ind Stds Inperprac					1.00-3.00	ADVISORY		
	IND +		ARR	ARR				24	N
524	Ind Stds Inperprac					1.00-3.00	ADVISORY		
	IND +		ARR	ARR				24	N
525	Ind Stds Chld&Yth					1.00-3.00	ADVISORY		
	IND +		ARR	ARR				24	N
526	Ind Stds Chld&Yth					1.00-3.00	ADVISORY		
	IND +		ARR	ARR				24	N
528	Ind Stds in Global					1.00-3.00			
	IND +		ARR	ARR				23	N
532	Ind Stds Health					1.00-3.00	ADVISORY		
	IND +		ARR	ARR				24	N
553	Ind Stds Comm Org					1.00-3.00	ADVISORY		
	IND +		ARR	ARR				21	N
554	Ind Stds Comm Org					1.00-3.00	ADVISORY		
	IND +		ARR	ARR				21	N
555	Ind Stds Comm & SS					1.00-3.00	ADVISORY		
	IND +		ARR	ARR				24	N
566	Ind Stds Mgt Hum S					1.00-3.00	ADVISORY		
	IND +		ARR	ARR				24	N
576	Ind Stds Pol&Eval					1.00-3.00	ADVISORY		
	IND +		ARR	ARR				24	N
577	Ind Stds Pol&Eval					1.00-3.00	ADVISORY		
	IND +		ARR	ARR				25	N
581	Ind Stds Mntl Hlth					1.00-3.00	ADVISORY		
	IND +		ARR	ARR				24	N
583	Ind Std Research					1.00-3.00	ADVISORY		
	IND +		ARR	ARR				24	N
584	Ind Stds Research					1.00-3.00	ADVISORY		
	IND +		ARR	ARR				24	N
586	Ind Studies Eval					1.00-3.00	ADVISORY		
	IND +		ARR	ARR				24	N
587	Ind Studies Eval					1.00-3.00	ADVISORY		
	IND +		ARR	ARR				24	N
598	Ind Stds Soc Work					1.00-3.00	ADVISORY		
	IND +		ARR	ARR				24	N
599	Ind Stds Soc Work					1.00-3.00	ADVISORY		
	IND +		ARR	ARR				23	N
606	MHlth/Mtl DisorAdult					3.00	ENFORCED		
63674	P R LEC 001 M		6-10PM	3816 SSWB	Crane			10	N
611	Soc Chng Theories					3.00	ENFORCED		
63166	P R LEC 001 M		8-12PM	B684 SSWB	Doering-White			7	N
63182	P R LEC 002 M		8-12PM	2752 SSWB	Schuler			12	N
612	Mentl Hlt&Disor Chl					3.00	ENFORCED		
60467	P R LEC 001 T		8-12PM	B770 SSWB	Sherman			14	N
617	Death, Loss & Grief					3.00	ENFORCED		
60468	P R LEC 001 T		6-10PM	3816 SSWB	Mattison			3	N
623	Pract with Families					3.00	ADVISORY, ENFORCED		
60472	P R LEC 002 T		8-12PM	3752 SSWB	Tolman			6	N
624	Inperprac-Groups					3.00	ADVISORY, ENFORCED		
60473	P R LEC 001 M		1-5PM	3816 SSWB	Ortega			2	N
625	Child & Youth					3.00	ADVISORY, ENFORCED		
63283	P R LEC 004 T		8-12PM	B684 SSWB	Fischer			2	N
63284	P R LEC 005 T		1-5PM	3752 SSWB	Crane			5	N
62468	P R LEC 003 T		8-12PM	2752 SSWB	Sanders			9	N
628	IP - Adult Indiv					3.00	ADVISORY, ENFORCED		
62109	P R LEC 002 T		6-10PM	2752 SSWB	Brydon			1	N
629	Schl SWorker Interv					3.00	ADVISORY		
63018	P R LEC 001 M		6-10PM	3752 SSWB	Espitia			14	N
630	Adv CI SW Pr Int Hlt					3.00	ADVISORY		
63408	PD LEC 001 M		8-12PM	B770 SSWB	Eiler			7	N
Priority is given to Detroit Clinical Scholars. Others will need to submit a Course Enrollment Petition via the SSW web site. Scholars will receive an electronic permission to enroll in either section 001 or 002 prior to registration.									
63479	PD LEC 002 M		8-12PM	B760 SSWB	Price			8	N
Priority is given to Detroit Clinical Scholars. Others will need to submit a Course Enrollment Petition via the SSW web site. Scholars will receive an electronic permission to enroll in either section 001 or 002 prior to registration.									
657	Multicult&Multiling					3.00	ADVISORY, ENFORCED		

CAT# Class #	Course Title CODE CMP SEC	DAYS	TIME	LOCATION	CR INSTRUCTOR	PREREQ	LAB FEE OPEN SEATS	WL
63158	P R LEC 001	M	1-5PM	1804 SSWB	Copeland		4	N
<b>659</b>	<b>Prac in Afr Amer Com</b>				<b>1.00</b>			
63487	P SEM 001	FSA	9-5PM	2752 SSWB	Robinson		17	N
<b>663</b>	<b>Grant,Contr&amp;Fundr</b>				<b>3.00</b>	<b>ADVISORY, ENFORCED</b>		
60478	P R LEC 001	M	1-5PM	B760 SSWB	Chaney		3	N
<b>664</b>	<b>Mgt Hum Resources</b>				<b>3.00</b>	<b>ADVISORY, ENFORCED</b>		
61512	P R LEC 001	T	8-12PM	3816 SSWB	Savas		1	N
<b>674</b>	<b>Com-Based Pol Advoc</b>				<b>3.00</b>	<b>ADVISORY, ENFORCED</b>		
62950	P R LEC 001	M	1-5PM	B770 SSWB	Glenn		4	N
<b>683</b>	<b>Eval In Social Work</b>				<b>3.00</b>	<b>ADVISORY, ENFORCED</b>		
61410	P R LEC 002	M	1-5PM	B684 SSWB	Cushman		5	N
<b>686</b>	<b>IHLC Res Practicum</b>				<b>2.00</b>			
63022	PD SEM 001	T	9-11AM	1804 SSWB	Provenzano		1	N
Integrated Health Scholars only enroll in this course. Scholars will receive an electronic permission to enroll prior to registration.								
<b>691</b>	<b>Adv Field Instructn</b>				<b>1.00-12.00</b>	<b>ADVISORY</b>		
	IND +		ARR	ARR			76	N
<b>696</b>	<b>Practice Child&amp;Yth</b>				<b>3.00</b>	<b>ADVISORY, ENFORCED</b>		
61511	P R LEC 003	T	8-12PM	B798 SSWB	Ribaldo		1	N
<b>698</b>	<b>Pract Mental Health</b>				<b>3.00</b>	<b>ADVISORY, ENFORCED</b>		
61634	P R LEC 003	T	8-12PM	B760 SSWB	Stern		3	N
<b>699</b>	<b>SW Prac Health Promo</b>				<b>3.00</b>	<b>ADVISORY, ENFORCED</b>		
60998	P R LEC 001	M	8-12PM	B780 SSWB	Schmall		3	N
<b>713</b>	<b>Adv Topics in Soc Wk</b>				<b>4.00</b>			
63481	PI LEC 001	T	1-5PM	2752 SSWB	Ribaldo		1	N
Observ/Interv Very Young Child Students will need to contact the course instructor for permission to enroll. The instructor will then notify the SSW Registrar so an electronic permission can be entered to allow for the enrollment.								
<b>715</b>	<b>Adven/Exper SW Prac</b>				<b>3.00</b>			
63486	P LEC 001	T	6-10PM	B798 SSWB	Alvarez		13	N
<b>790</b>	<b>Adv Topics in IP</b>				<b>1.00</b>			
61638	P R SEM 001	SA	9-5PM	3752 SSWB	Svensson		2	N
Fam Psychoed-Support Networks								
63155	P R SEM 002	FSA	9-5PM	3752 SSWB	Crane		2	N
SW Practice in Rural Settings								
61637	P R SEM 003	THF	9-5PM	B760 SSWB	Heap		3	N
Bas Skills for Dial Behav Ther								
62216	P R SEM 004	TH	930-330PM	2752 SSWB	Fouk		5	N
	P R SEM 004	SA	10-3PM	2752 SSWB			5	N
Mindfulness-based Cog Therapy Saturday class will be held at Turner Senior Resource Center, 2401 Plymouth Rd								
62218	PDR SEM 005	WF	9-5PM	B780 SSWB	Cordova Jr		4	N
Transitional Age Youth Priority is given to Detroit Clinical Scholars. Others will need to submit a Course Enrollment Petition. Scholars will receive an electronic permission to enroll in this course prior to registration.								
62558	PDR SEM 006	WF	9-5PM	B780 SSWB	Cordova Jr		5	N
Working with Latino Families Priority is given to Detroit Clinical Scholars. Others will need to submit a Course Enrollment Petition. Scholars will receive an electronic permission to enroll in this course prior to registration.								
63025	PDR SEM 011	SA	9-5PM	B780 SSWB	Momper		7	N
Str En & Ret Ski Wk Hgh Nd Yth Priority is given to Detroit Clinical Scholars. Others will need to submit a Course Enrollment Petition. Scholars will receive an electronic permission to enroll in this section or section 016 prior to registration.								
63257	P R SEM 015	W	9-1PM	3752 SSWB	Mattison		5	N
Spirit Assmt&Interv in SW Prac								
<b>796</b>	<b>Adv Top Micr/Macr SW</b>				<b>1.00</b>			
63256	P R SEM 002	FSA	9-5PM	3816 SSWB	Sherman		8	N
Restor Prac in School & Commun								
<b>799</b>	<b>Adv Topics Macro SW</b>				<b>1.00</b>			
63250	P R SEM 002	TH	9-5PM	B798 SSWB	Lee		5	N
Social Entrepreneurship								
62557	P R SEM 005	THF	9-5PM	3816 SSWB	Gant		10	N
HIV/AIDS: Evi Bas Prg Pol&Serv								
62954	P R SEM 007	FSA	9-5PM	2752 SSWB	Sanders		8	N
Immi Enfor Hum Rights&Soc Just								
63558	P R SEM 008	SA	9-5PM	3752 SSWB	Thompkins-Jones, Ormsby		7	N
Undstdg Divers Soc Just Dialog								
<b>801</b>	<b>Research Internship</b>				<b>1.00-8.00</b>	<b>ADVISORY</b>		
	I IND +		ARR	ARR			24	N
<b>995</b>	<b>Diss-Cand</b>				<b>8.00</b>	<b>ENFORCED</b>		
	R IND +		ARR	ARR			24	N

# Stamps School of Art & Design

## School Of Art And Design

### Art and Design (ARTDES) Open Sections

320	Exchange Program								
61392	P	LAB 009	ARR	ARR		1.00-16.00 Schmidt		25	N
Berlin									
61327	P	LAB 010	ARR	ARR				1	N