

# Architecture & Urban Planning

## College of Architecture & Urban Planning

### Architecture (ARCH)

690	Arc Curr Pract Exper	I IND +	ARR	ARR	1.00		ADVISORY	
739	MS Capstone	IR IND +	ARR	ARR	6.00		ADVISORY, ENFORCED	
810	Tutorial Studies	IR IND +	ARR	ARR	1.00-6.00		ADVISORY	
819	Supervised Research	IR IND +	ARR	ARR	1.00-6.00		ADVISORY	
839	Research Practicum	IR IND +	ARR	ARR	4.00		ADVISORY	
990	Diss-Precand	IR IND +	ARR	ARR	1.00-8.00		ADVISORY	
995	Diss-Cand	R IND +	ARR	ARR	8.00		ENFORCED	

### Urban Planning (UP)

680	Directed Study	I IND +	ARR	ARR	1.00-4.00		ADVISORY	
733	Thesis	I IND +	ARR	ARR	3.00-6.00		ADVISORY	
734	Prof Project	I IND +	ARR	ARR	3.00-6.00		ADVISORY	
990	PhD Diss-Precand	IR IND +	ARR	ARR	1.00-8.00		ADVISORY	
995	PhD Diss-Cand	IR IND +	ARR	ARR	8.00		ENFORCED	

# Dental Hygiene

## Dental Hygiene-Dentistry

### Dental Hygiene (DENTHYG)

475	Mentored Prof Exp					3.00-4.00	ADVISORY	
62266	P LEC 001		ARR	ARR		Gwozdek		

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

484	Special Populations					3.00	ADVISORY	
62158	P LEC 001		ARR	ARR		Farrell		
485	Community I					3.00	ADVISORY	
62157	P LEC 001		ARR	ARR		Yee		
491	Capstone II/ePortfol					6.00		
62253	P LEC 001		ARR	ARR		Gwozdek		

# Dentistry

## School Of Dentistry

### Dentistry (DENT)

490	Independ Research IND +		ARR	ARR		1.00-3.00	
601	Dent Pharmacology II P R LEC 001 M		1-3PM	G322 DENT		1.00-3.00	ENFORCED
601	Dent Pharmacology II P R LEC 001 TH		9-11AM	G322 DENT	Traynor	1.00-3.00	ENFORCED
603	Treatment Planning P R LEC 001 TTH	62533	1-2PM	G322 DENT		1.00	ENFORCED
610	Appl Biomaterials II P R LEC 001 W	62524	2-3PM	G322 DENT	Richards, Stefanac	1.00	ENFORCED
620A	Oral Med/Radiology P R LAB 001	62552	ARR	ARR	Kuroda, Kohn	0.00	ENFORCED
620C	Restorative P R LAB 001	62553	ARR	ARR	Benavides, Fitzgerald	0.00	ENFORCED
625A	Pathways - HC Delivery P R SEM 001 T	62525	8-12PM	G322 DENT	Fitzgerald, Garcia	0.00-3.00	ENFORCED
625B	Pathways - Research P R SEM 001	62535	ARR	ARR	Eber, Hamerink	0.00-5.00	ENFORCED
625C	Pathways - Leadership P SEM 001	62526	ARR	ARR	Kaigler, Chiego Jr	0.00-3.00	ENFORCED
629	Clinical Foundations III P R LEC 001	62554	ARR	ARR	Taichman, Sweier	0.00-10.00	ENFORCED
630	Fundamentals of Perio P R LEC 001 W	62534	8-9AM	ARR	Snyder	0.50	ENFORCED
635	Behav Sci Practicum P R LEC 001 F	62517	9-10AM	G378 DENT	Richards	0.50	ENFORCED
635	Behav Sci Practicum P R LEC 001 F		8-9AM	G378 DENT	Inglehart	0.50	ENFORCED
638	Cardiovascular Syst P R LEC 001 TH	62522	9-11AM	G005 DENT		3.00	ENFORCED
638	Cardiovascular Syst P R LEC 001 M		3-5PM	G005 DENT	Brzezinski	3.00	ENFORCED
			3-5PM	G005 DENT			
			10-12PM	G005 DENT			
			1-3PM	G322 DENT			
639	Respiratory System P R LEC 001 W	62523	3-5PM	G005 DENT		3.00	ENFORCED
639	Respiratory System P R LEC 001 TH		9-11AM	G005 DENT	Cornwall	3.00	ENFORCED
			1-3PM	G322 DENT			
646	ITDP: Periodontics P SEM 001	61634	ARR	ARR		1.00-5.00	
647	ITDP: Oral Path/Med P SEM 001	61635	ARR	ARR	Richards	1.00-5.00	
648	ITDP: Oral Surgery P SEM 001	61636	ARR	ARR	Edwards	1.00-5.00	
703	Special Care Dentistry-HD P R LEC 001 TH	63083	1-2PM	G378 DENT	Davis	1.00-2.00	ENFORCED
720	Comprehensive Care Clinic P R LAB 001 MTWTHF	62173	9-12PM	ARR	Munz	0.00-10.00	ENFORCED
720	Comprehensive Care Clinic P R LAB 001 MTWTHF		1-5PM	ARR	Heys	0.00-10.00	ENFORCED
720	Comprehensive Care Clinic P R LAB 002	62245	ARR	ARR		0.00-10.00	ENFORCED
720A	Periodontics P R LAB 001	62174	ARR	ARR	Heys	0.00-10.00	ENFORCED
		62246	ARR	ARR	Heys, Richards		
720B	Operative P R LAB 001	62175	ARR	ARR	Heys	0.00-10.00	ENFORCED
		62247	ARR	ARR	Heys		
720C	Prosthodontics P R LAB 002	62248	ARR	ARR	Heys	0.00-10.00	ENFORCED
725A	Pathways-HCD P R SEM 001	62637	ARR	ARR	Heys	2.00	ENFORCED
725B	Pathways-Reseaarch P R SEM 001	62638	ARR	ARR	Eber	2.00	ENFORCED
725C	Pathways-Leadership P R SEM 001	62639	ARR	ARR	Kaigler, Chiego Jr	2.00	ENFORCED
729	Clinical Foundations III: ITDP P R LAB 001 MW	63088	9-12PM	B312B DENT	Taichman, Sweier	1.00-2.50	ENFORCED
729	Clinical Foundations III: ITDP P R LAB 001 MW		9-12PM	G340 DENT	Saglik, Tarrazzi, Snyder	1.00-2.50	ENFORCED
			9-12PM	G340 DENT			

CAT# Class #	Course Title CODE CMP SEC	DAYS	TIME	LOCATION	CR INSTRUCTOR	PREREQ	LAB FEE
730	P R LAB 001 MW <b>Clinical Head &amp; Neck Anatomy</b>		9-12PM	G340 DENT	2.00	ENFORCED	
63193	P R LEC 001 MW		8-9AM	G005 DENT	Brzezinski		
737	P R LAB 001 W <b>PRECLINICAL ENDODONTICS</b>		1-2PM	G390 DENT	1.50-3.50	ENFORCED	400.00
62518	P R LAB 001 W				Bauer		
737	P R LAB 001 F <b>PRECLINICAL ENDODONTICS</b>		8-9AM	G390 DENT	1.50-3.50	ENFORCED	400.00
	P R LAB 001 W		2-5PM	G360 DENT			
	P R LAB 001 F		9-12PM	G360 DENT			
	P R LAB 001 W		2-5PM	G340 DENT			
	P R LAB 001 F		9-12PM	G340 DENT			
737A	P R LEC 001 WF <b>Preclinical Endodontics lecture</b>		1-1AM	ARR	1.00-3.00	ENFORCED	
63350	P R LAB 001				Bauer		
740	P R LAB 001 <b>Clinical Rotation - Oral Surgery</b>		ARR	ARR	3.00	ENFORCED	
61539	P LAB 001						
743B	P LAB 001 <b>Clinical Rotation: Pediatric</b>		ARR	ARR	2.00		
62240	P LEC 001 T		1-2PM	G378 DENT	1.00-5.00		
747	P LEC 001 T <b>Pediatric Dentistry</b>		8-9AM	G378 DENT	1.00-5.00		
61222	P LEC 001 T		12-1PM	G378 DENT			
747	P LEC 001 T <b>Pediatric Dentistry</b>						
749	P R CLL 001 <b>Adv Concepts in Clinical Perio</b>		ARR	ARR	1.00	ENFORCED	
63192	P R CAS 001				Richards		
800	P R SEM 001 <b>Advanced Periodon</b>		ARR	ARR	1.00	ENFORCED	
62976	P R SEM 001				McCauley		
825A	P R SEM 001 <b>Pathways-HCD</b>		ARR	ARR	0.00-2.00	ENFORCED	
63095	P R SEM 001				Eber, Hamerink		
825B	P R SEM 001 <b>Pathways-Research</b>		ARR	ARR	0.00-2.00	ENFORCED	
63096	P R SEM 001				Kaigler, Chiego Jr		
825C	P R SEM 001 <b>Pathways-Leadership</b>		ARR	ARR	0.00-2.00	ENFORCED	
63097	P LAB 001				Taichman, Sweier		
840	P LAB 001 <b>Oral Surgery</b>		ARR	ARR	1.00		
61535	P SEM 001 W <b>Professionalism &amp; Practice</b>		1-2PM	G005 DENT	0.00	ENFORCED	
855	P R SEM 001 M <b>Professionalism &amp; Practice</b>		1-2PM	G005 DENT	0.00	ENFORCED	
62978	P R FLD 001				Fitzgerald		
855	P R FLD 001 <b>Community Based Dent Ed</b>		ARR	ARR	4.00	ENFORCED	
62632	P SEM 001 <b>Curr Practical Prjct</b>		ARR	ARR	1.00		
998	P SEM 001				Piskorowski, Hamerink		
61696					Woolfolk		
<b>Dental Hygiene (DHYGRACK)</b>							
680	P R LEC 001 <b>Hlth Promo Dis Prev</b>		ARR	ARR	1.00-3.00	ENFORCED	
63094	P SEM 001 <b>Sem Dentl Hyg</b>		ARR	ARR	2.00		
682	P LEC 001 <b>Educ Cpts &amp; Strat</b>		ARR	ARR	1.00-3.00		
63052	P LEC 001 <b>Leadership&amp;Admin</b>		ARR	ARR	3.00		
695	P LEC 001				Gwozdek		
63185							
<b>Endodontics (ENDODONT)</b>							
652	P LAB 001 <b>Clin Endodontics</b>		ARR	ARR	1.00-2.00		
60042	IND +				McDonald		
655	IND + <b>Endo Research</b>		ARR	ARR	1.00-3.00		
659	P SEM 001 M <b>Current Lit Review</b>		8-10AM	G536 DENT	1.00		
60043	P SEM 001 F <b>Case Pres &amp; Treat</b>		1-3PM	G536 DENT	1.00		
660					McDonald		
60044							
<b>Oral Biology (ORALBIOL)</b>							
678	P SEM 001 <b>Stat Meth Oral Biol</b>		ARR	ARR	1.00-3.00	ADVISORY	
60045	IND +						
990	IR IND + <b>Diss-Precand</b>		ARR	ARR	1.00-8.00	ADVISORY	
995	IR IND + <b>Diss-Cand</b>		ARR	ARR	8.00	ENFORCED	
<b>Oral Diagnosis (ORALDIAG)</b>							
660	IND + <b>Thesis Investigatn</b>		ARR	ARR	1.00-2.00		
661	P LAB 001 <b>Clinical Oral Diag</b>		ARR	ARR	1.00-6.00		
60049	P SEM 001 <b>Rad-Hyg-Radiography</b>		ARR	ARR	1.00		
665	P SEM 001						
60050							

CAT# Class #	Course Title CODE CMP SEC	DAYS	TIME	LOCATION	CR INSTRUCTOR	PREREQ	LAB FEE
Oral Health Sciences (ORALHEAL)							
812	Sci Lab Rotations I IND +		ARR	ARR			3.00
851	Special Topics Sem I IND +		ARR	ARR		ADVISORY	1.00-3.00
990	Dissertatn-Precand I IND +		ARR	ARR		ADVISORY	1.00-8.00
995	Dissertation-Cand IR IND +		ARR	ARR		ENFORCED	8.00
<b>Oral Pathology (ORALPATH)</b>							
632	Microscopic OralPath 62903 P LAB 001		ARR	ARR			1.00-4.00 Danciu
633	Microscopic OralPath 63114 P SEM 001		ARR	ARR			1.00-4.00 Danciu
733	Microscopic OralPath 63582 P SEM 001		ARR	ARR			1.00-4.00 Danciu
<b>Orthodontics (ORTHO)</b>							
760	Clinical Orthodon 60056 P LAB 001		ARR	ARR			1.00-2.00 Conley
761	Ortho Techniques 61442 P SEM 001 M		8-12PM	1528 DENT			1.00-3.00 McClatchey
766	Research-Thesis IND +		ARR	1528 DENT			1.00-2.00
771	Adolescent Psych 62276 P SEM 001 T		8-10AM	1528 DENT			1.00 Inglehart
772	Intro Cephalometric 62277 P SEM 001		ARR	1528 DENT			1.00 Cevidane
783	3D Imaging 62904 P LEC 003		ARR	ARR			1.00 Cevidane
<b>Pediatric Dentistry (PEDDENT)</b>							
591	Clinical Ped Dent 60057 P LAB 001		ARR	ARR			1.00-5.00 Boynton
594	Investigatn-Thesis IND +		ARR	ARR			1.00-3.00
<b>Periodontics (PERIODON)</b>							
780	Periodontic Clinic 60059 P LAB 001		ARR	ARR			1.00-6.00 Wang
790	Thesis Investigatn IND +		ARR	ARR			1.00-3.00
<b>Prosthodontics (PROSTHOD)</b>							
643	Clin Prosthodontics 60912 P LAB 001		ARR	ARR			1.00-3.00 Razzoog
741	Articulator 62917 P SEM 003		ARR	ARR			1.00 Razzoog
882	Ceramo-Metal Proc 60060 P SEM 001 TH		8-12PM	B312A DENT			1.00 Beard
<b>Restorative (RESTORA)</b>							
741	Data Management 62282 P LAB 001		ARR	ARR			1.00-2.00 Dennison
742	Clin Restor Dent 60061 P LAB 001		ARR	ARR			1.00-8.00 Yaman
743	Thesis Investigatn IND +		ARR	ARR			1.00-3.00
880	Investigatn Thesis I IND +		ARR	ARR			1.00-3.00

# Education

## School Of Education

### Education (EDUC)

---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>310</b>	<b>Independent Study</b>	I	IND +	ARR	ARR	<b>1.00-6.00</b>	
Students should obtain permission from the instructor via email and then forward to Tina Sanford at tsanf@umich.edu.							
<b>317</b>	<b>Observ-Particip Ed</b>	I	IND +	ARR	ARR	<b>1.00-8.00</b>	<b>ADVISORY</b>
Students should obtain permission from the instructor via email and then forward to Tina Sanford at tsanf@umich.edu.							
<b>320</b>	<b>Honors Ind Study</b>	I	IND +	ARR	ARR	<b>1.00-6.00</b>	<b>ADVISORY</b>
Students should obtain permission from the instructor via email and then forward to Tina Sanford at tsanf@umich.edu.							
<b>605</b>	<b>Intern Learn Tech</b>	SI	IND +	ARR	ARR	<b>3.00</b>	
Required for Learning Tech students. Students should obtain permission from instructor and then complete online form located at <a href="http://sitemaker.soe.umich.edu/soe.ispe/request">http://sitemaker.soe.umich.edu/soe.ispe/request</a> .							
<b>638</b>	<b>Intrn&amp;Dir Field Exp</b>	I	IND +	ARR	ARR	<b>1.00-3.00</b>	<b>ADVISORY</b>
Students should obtain permission from instructor and then complete online form located at <a href="http://sitemaker.soe.umich.edu/soe.ispe/request">http://sitemaker.soe.umich.edu/soe.ispe/request</a> .							
<b>640</b>	<b>Ind Study Ed Stdy</b>	I	IND +	ARR	ARR	<b>1.00-3.00</b>	<b>ADVISORY</b>
Students should obtain permission from instructor and then complete online form located at <a href="http://sitemaker.soe.umich.edu/soe.ispe/request">http://sitemaker.soe.umich.edu/soe.ispe/request</a> .							
<b>650</b>	<b>Refl Teach Fld Exp</b>	I	IND +	ARR	ARR	<b>1.00-13.00</b>	<b>ADVISORY</b>
<b>655</b>	<b>Dir Resear Ed Study</b>	I	IND +	ARR	ARR	<b>1.00-6.00</b>	<b>ADVISORY</b>
Students should obtain permission from instructor and then complete online form located at <a href="http://sitemaker.soe.umich.edu/soe.ispe/request">http://sitemaker.soe.umich.edu/soe.ispe/request</a> .							
<b>657</b>	<b>Practicum Ed Study</b>	I	IND +	ARR	ARR	<b>1.00-6.00</b>	<b>ADVISORY</b>
Students should obtain permission from instructor and then complete online form located at <a href="http://sitemaker.soe.umich.edu/soe.ispe/request">http://sitemaker.soe.umich.edu/soe.ispe/request</a> .							
<b>728</b>	<b>Prac Learn Tech</b>	SI	IND +	ARR	ARR	<b>1.00-4.00</b>	<b>ADVISORY</b>
Students should obtain permission from instructor and then complete online form located at <a href="http://sitemaker.soe.umich.edu/soe.ispe/request">http://sitemaker.soe.umich.edu/soe.ispe/request</a> .							
<b>767</b>	<b>Res Pract in HE</b>	SI	IND +	ARR	ARR	<b>1.00-3.00</b>	<b>ADVISORY</b>
Students should obtain permission from instructor and then complete online form located at <a href="http://sitemaker.soe.umich.edu/soe.ispe/request">http://sitemaker.soe.umich.edu/soe.ispe/request</a> .							
<b>770</b>	<b>Ind St High&amp;Cont Ed</b>	SI	IND +	ARR	ARR	<b>1.00-3.00</b>	<b>ADVISORY</b>
Students should obtain permission from instructor and then complete online form located at <a href="http://sitemaker.soe.umich.edu/soe.ispe/request">http://sitemaker.soe.umich.edu/soe.ispe/request</a> .							
<b>771</b>	<b>Topics High&amp;Cont Ed</b>	63090 P	SEM 001	ARR	ARR	<b>1.00-3.00</b>	<b>ADVISORY</b>
P-16 Policy Prereq: graduate standing. Students must attend May 19-23 workshop.							
<b>835</b>	<b>Independent Study</b>	I	IND +	ARR	ARR	<b>1.00-3.00</b>	
Students should obtain permission from instructor and then complete online form located at <a href="http://sitemaker.soe.umich.edu/soe.ispe/request">http://sitemaker.soe.umich.edu/soe.ispe/request</a> .							
<b>899</b>	<b>Qualfy Exam Phd&amp;Edd</b>	61367 P	REC 002	ARR	ARR	<b>1.00-3.00</b>	<b>ADVISORY</b>
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>990</b>	<b>Diss-Precand</b>	SI	IND +	ARR	ARR	<b>1.00-8.00</b>	<b>ADVISORY</b>
Students should obtain permission from instructor and then complete online form located at <a href="http://sitemaker.soe.umich.edu/soe.ispe/request">http://sitemaker.soe.umich.edu/soe.ispe/request</a> .							
<b>995</b>	<b>Diss-Cand</b>	SIR	IND +	ARR	ARR	<b>8.00</b>	<b>ENFORCED</b>
Students should obtain permission from instructor and then complete online form located at <a href="http://sitemaker.soe.umich.edu/soe.ispe/request">http://sitemaker.soe.umich.edu/soe.ispe/request</a> .							

# Engineering

## Aerospace Engineering

### Aerospace Engineering (AEROSP)

390	Directed Study   IND +		ARR	ARR			1.00-3.00	
490	Directed Study   IND +		ARR	ARR			1.00-3.00	ADVISORY
590	Directed Study   IND +		ARR	ARR			1.00-6.00	ADVISORY
990	Diss-Precand   IND +		ARR	ARR			1.00-8.00	ADVISORY
995	Diss-Cand   IR IND +		ARR	ARR			8.00	ENFORCED

## Atm, Oceanic And Space Science

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

499	Directed Study								1.00-16.00
	IND +		ARR	ARR					
701	Special Problems								1.00-16.00
	IND +		ARR	ARR					
990	Diss-Precand								1.00-8.00
	IND +		ARR	ARR				ADVISORY	
995	Diss-Cand								8.00
	IR IND +		ARR	ARR				ENFORCED	



## Biomedical Engineering

### Biomedical Engineering (BIOMEDE)

590	Directed Research							
	IND +		ARR	ARR		1.00-16.00	ADVISORY	
591	M S Thesis							
	IND +		ARR	ARR		1.00-16.00	ADVISORY	
990	Diss-Precand							
	IND +		ARR	ARR		1.00-8.00	ADVISORY	
995	Diss-Cand							
	DR IND +		ARR	ARR		8.00	ENFORCED	

## Chemical Engineering Department

### Chemical Engineering (CHE)

290	Res&Spec Problems IND +				1.00-16.00	ADVISORY
		ARR	ARR			
490	Adv Res&Spec Problem I IND +				1.00-16.00	ADVISORY
		ARR	ARR			
695	Research Problems I IND +				1.00-16.00	ADVISORY
		ARR	ARR			
696	Selected Topics				3.00	
63086	P LEC 001 W			10-1PM		Linic, Monroe, Thompson, Hernley
		ARR	ARR			
	Energy Generation & Storage					
63087	P LEC 881 W			10-1PM		Linic, Monroe, Thompson
		ARR	ARR			
	Energy Generation & Storage					
698	Directed Study I IND +				1.00-16.00	
		ARR	ARR			
990	Diss-Precand I IND +				1.00-8.00	ADVISORY
		ARR	ARR			
995	Diss-Cand IR IND +				8.00	ENFORCED
		ARR	ARR			

## Civil & Environmental Engr

### Civil And Environmental Engineering (CEE)

490	Independent Study						1.00-4.00	ADVISORY
	I IND +		ARR	ARR				
622	Sp Prob Hydr-Hydrol						1.00-16.00	ADVISORY
	I IND +		ARR	ARR				
651	Directed Studies						1.00-3.00	ADVISORY
	I IND +		ARR	ARR				
682	Prob in Envir Engr						1.00-16.00	ADVISORY
	I IND +		ARR	ARR				
910	Struct Engr Res						1.00-16.00	
	SI IND +		ARR	ARR				
946	Soil Mech Res						1.00-16.00	
	D IND +		ARR	ARR				
980	Res in Envir Engr						1.00-16.00	ADVISORY
	I IND +		ARR	ARR				
990	Diss-Precand						1.00-8.00	ADVISORY
	IND +		ARR	ARR				
995	Diss-Cand						8.00	ENFORCED
	IR IND +		ARR	ARR				

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

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## Design Science Program

### Design Science (DESCI)

995	Diss-Cand								
	IND +			ARR		ARR	8.00	ADVISORY	

## Electrical Engr & Computer Sci

### Electrical Engineering And Computer Science (EECS)

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



## Industrial-Operations Engr Dep

### Industrial And Operations Engineering (IOE)

490	UG Directed Study							
	IND +		ARR	ARR			2.00-4.00	ADVISORY
590	Masters Direct Study							
	I IND +		ARR	ARR			2.00-4.00	ADVISORY
801	First Yr Doc Dir Res							
	I IND +		ARR	ARR			1.00-3.00	ADVISORY
990	Diss Pre-Candidate							
	I IND +		ARR	ARR			2.00-8.00	ADVISORY
995	Dissertation Cand							
	R IND +		ARR	ARR			8.00	ENFORCED

## Integrative Systems and Design

### Automotive Engineering Program (AUTO)

501	Integ Veh Syst Dsgn					3.00	ADVISORY	
61681	PD LEC 881		ARR	ARR		Bell IV		
503	Auto Eng Project					3.00-4.00	ADVISORY	
	D IND +		ARR	ARR				
513	Autobody Structures					3.00	ADVISORY	
63050	P LEC 881 W		9-12PM	ARR		Malen		

### Energy Systems Engineering Program (ESENG)

503	Energy Systems Proj					3.00	ADVISORY	
	D IND +		ARR	ARR				
505	Energy Gen & Storage					3.00	ADVISORY	
63606	P LEC 001 W		10-1PM	ARR		Linic, Monroe, Thompson, Hernley		
63611	P LEC 881		ARR	ARR		Linic, Thompson, Monroe		

### Robotics and Autonomous Vehicle Engineering (RAV)

503	RAV Capstone Project					3.00		
	IND +		ARR	ARR				



## Program In Manufacturing

### Manufacturing (MFG)

503	Mfg Project D IND +		ARR	ARR		3.00	ADVISORY	
513	Autobody Structures 63051 P LEC 881 W		9-12PM	ARR		3.00	ADVISORY	
571	Ship Des Proj IND +		ARR	ARR		1.00-16.00	ADVISORY	
590	Directed Stydy&Res IND +		ARR	ARR		1.00-3.00	ADVISORY	
990	Dissertat Pre-Cand I IND +		ARR	ARR		2.00-8.00	ADVISORY	
995	Dissertation-Cand IR IND +		ARR	ARR		8.00	ENFORCED	

## Materials Science & Engineering

### Materials Science Engineering (MATSCIE)

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

## Mech Eng & Applied Mech Dept

### Applied Mechanics & Engineering Science (AMES)

995	Diss-Cand IR IND +		ARR	ARR		8.00	ENFORCED	
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### Mechanical Engineering (MECHENG)

490	Expmntl Res in M E I IND +		ARR	ARR		3.00	ADVISORY	
491	Independent Study I IND +		ARR	ARR		1.00-3.00	ADVISORY	
513	Autobody Structures					3.00	ADVISORY	
63047	P LEC 881 W		9-12PM	ARR	Malen			
571	Energy Gen & Storage					3.00	ADVISORY	
63605	P LEC 001 W		10-1PM	ARR	Linic, Monroe, Thompson, Hernley			
63637	P LEC 881		ARR	ARR	Linic, Thompson, Monroe			
590	Res Sel M E Topics I IND +		ARR	ARR		3.00-6.00	ADVISORY	
695	Master Thesis Res IND +		ARR	ARR		3.00-6.00	ADVISORY	
990	Diss-Precand I IND +		ARR	ARR		1.00-8.00	ADVISORY	
995	Diss-Cand IR IND +		ARR	ARR		8.00	ENFORCED	

## Naval Arch & Marine Engr Dept

### Naval Architecture And Marine Engineering (NAVARCH)

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

## Nuclear Engr & Radiological Sci

### Nuclear Engineering And Radiological Sciences (NERS)

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

# Information

## School of Information

### Information (SI)

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>542</b>	<b>Health Informatics</b>					<b>3.00</b>	<b>ADVISORY</b>	
63260	PD LEC 777		ARR	ARR		Zheng		
<b>690</b>	<b>Intern/Field Exper</b>					<b>1.00-6.50</b>	<b>ADVISORY</b>	
	I IND +		ARR	ARR				
<b>791</b>	<b>Independent Study</b>					<b>1.00-3.00</b>	<b>ADVISORY</b>	
	I IND +		ARR	ARR				
<b>902</b>	<b>Directed Research</b>					<b>1.00-3.00</b>	<b>ADVISORY</b>	
	I IND +		ARR	ARR				
<b>990</b>	<b>Diss-Precand</b>					<b>1.00-8.00</b>	<b>ADVISORY</b>	
	I IND +		ARR	ARR				
<b>995</b>	<b>Diss-Cand</b>					<b>8.00</b>	<b>ADVISORY, ENFORCED</b>	
	IR IND +		ARR	ARR				

## Kinesiology School Of Kinesiology

### Athletic Training (AT)

403	Internship in AT					0.50-4.00	ADVISORY
61439	PI LAB 001		ARR	ARR			
488	Ind Study AT					1.00-2.00	ADVISORY
	I IND +		ARR	ARR			

### Kinesiology (KINESLGY)

429	Lab Mtr Cnt Dev					1.00-3.00	ADVISORY
62358	PI LAB 001		ARR	ARR			
62359	PI LAB 002		ARR	ARR	Ulrich		
62586	PI LAB 003		ARR	ARR	Ulrich		
439	Lab Biomechanic					1.00-3.00	ADVISORY
61719	PD LAB 001		ARR	ARR			
61720	PI LAB 002		ARR	ARR	Gross		
449	Lab Exer Phys					1.00-3.00	ADVISORY
61407	PI LAB 001		ARR	ARR	Borer		
62293	PI LAB 002		ARR	ARR	Mendias		
63109	PI LAB 003		ARR	ARR	Hasson		
519	Spt Mgmt in Depth					2.00	ADVISORY
	I IND +		ARR	ARR			
619	Thesis Research					1.00-6.00	ADVISORY
	I IND +		ARR	ARR			
682	Ind Read in Kin					1.00-3.00	ADVISORY
	I IND +		ARR	ARR			
684	Ind Res in Kin					1.00-6.00	ADVISORY
	I IND +		ARR	ARR			
685	Res Rotation in Kin					3.00-6.00	ADVISORY
62583	PI LAB 001		ARR	ARR	Fort		
63102	PI LAB 002		ARR	ARR	Armstrong		
990	Diss-Precand					1.00-8.00	ADVISORY
	I IND +		ARR	ARR			
995	Diss-Cand					8.00	ENFORCED
	IR IND +		ARR	ARR			

### Movement Science (MOVESCI)

384	Honors Research					1.00-3.00	ADVISORY
	I IND +		ARR	ARR			
390	Field Exp MVS					1.00-8.00	ADVISORY
	I IND +		ARR	ARR			
403	Internship					0.50-3.00	ADVISORY
61415	PI LAB 001		ARR	ARR	Bodary		
62599	PI LAB 002		ARR	ARR	Bodary		
62600	PI LAB 003		ARR	ARR	Bodary		
62601	PI LAB 004		ARR	ARR	Bodary		
429	Lab Mtr Cnt Dev					1.00-3.00	ADVISORY
62354	PI LAB 001		ARR	ARR			
62355	PI LAB 002		ARR	ARR	Ulrich		
62584	PI LAB 003		ARR	ARR	Ulrich		
439	Lab Biomechanic					1.00-3.00	ADVISORY
61715	PD LAB 001		ARR	ARR			
61716	PI LAB 002		ARR	ARR	Gross		
449	Lab Exer Phys					1.00-3.00	ADVISORY
61402	PI LAB 001		ARR	ARR	Borer		
62292	PI LAB 002		ARR	ARR	Mendias		
63105	PI LAB 003		ARR	ARR	Hasson		
488	Independent Study					1.00-3.00	ADVISORY
	I IND +		ARR	ARR			

### Physical Education (PHYSED)

470	Independent Study					1.00-3.00	ADVISORY
	I IND +		ARR	ARR			

### Sport Management (SM)

280	Research Opport					1.00-4.00	ADVISORY
	I IND +		ARR	ARR			
390	Field Experience					0.50-4.00	ADVISORY
	I IND +		ARR	ARR			
403	Internship in SM					0.50-3.00	ADVISORY
61210	PI LAB 001		ARR	ARR	George		
62567	PI LAB 002		ARR	ARR	George		
62568	PI LAB 003		ARR	ARR	George		
62569	PI LAB 004		ARR	ARR	George		
470	Independent Study					1.00-3.00	ADVISORY
	I IND +		ARR	ARR			

# LSA Residential College

## College of L S & A Residential College

### Core Courses (RCCORE)

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

205	<b>Independent Study</b>						<b>1.00-8.00</b>	<b>ADVISORY</b>
	I IND +		ARR	ARR				
209	<b>Study Off-Campus</b>						<b>1.00-4.00</b>	<b>ADVISORY</b>
	I IND +		ARR	ARR				
305	<b>Independent Study</b>						<b>1.00-8.00</b>	<b>ADVISORY</b>
	IR IND +		ARR	ARR				
309	<b>Study Off-Campus</b>						<b>1.00-16.00</b>	<b>ADVISORY</b>
	IR IND +		ARR	ARR				
405	<b>Independent Study</b>						<b>1.00-8.00</b>	<b>ADVISORY</b>
	IR IND +		ARR	ARR				
409	<b>Study Off-Campus</b>						<b>1.00-16.00</b>	<b>ADVISORY</b>
	IR IND +		ARR	ARR				
410	<b>Senior Project</b>						<b>1.00-8.00</b>	
	IR IND +		ARR	ARR				
490	<b>Honors Thesis</b>						<b>1.00-4.00</b>	
	IR IND +		ARR	ARR				



# Law

## Law School

### Law (LAW)

<b>510</b>	<b>Civil Procedure</b>					<b>5.00</b>	<b>ENFORCED</b>	
63194	PDR LEC 001	MTWTH	9-1020AM	1225 LSSH	Cooper			
ABCD, 2, 33, 50								
<b>580</b>	<b>Torts</b>					<b>5.00</b>	<b>ENFORCED</b>	
63203	PDR LEC 001	MTWTH	115-235PM	1020 LSSH	Clark			
AC, 2, 33, 50								
63204	PDR LEC 002	MTWTH	3-420PM	1020 LSSH	Clark			
BD, 2, 33, 50								
<b>590</b>	<b>Legal Practice I</b>					<b>2.00</b>	<b>ENFORCED</b>	
63195	PDR LEC 001	TTH	1045-12PM	0220 LSSH	Hannon			
A, 1, 33, 50								
63196	PDR LEC 002	TTH	115-230PM	0220 LSSH	Hannon			
B, 1, 33, 50								
63197	PDR LEC 003	TTH	1045-12PM	1025 LSSH	Osbeck			
C, 1, 33, 50								
63198	PDR LEC 004	TTH	115-230PM	1025 LSSH	Osbeck			
D, 1, 33, 50								
<b>592</b>	<b>Legal Practice Skills</b>					<b>1.00</b>	<b>ENFORCED</b>	
63199	PDR LEC 001		ARR	ARR	Hannon			
A, 1, 33, 50								
63200	PDR LEC 002		ARR	ARR	Hannon			
B, 1, 33, 50								
63201	PDR LEC 003		ARR	ARR	Osbeck			
C, 1, 33, 50								
63202	PDR LEC 004		ARR	ARR	Osbeck			
D, 1, 33, 50								
<b>794</b>	<b>Senior Judge Seminar II</b>					<b>2.00</b>	<b>ADVISORY, ENFORCED</b>	
61550	PDR SMA 001		ARR	ARR	Frost			
24, 25, 34								
<b>799</b>	<b>Senior Judge Seminar</b>					<b>2.00</b>	<b>ENFORCED</b>	
61549	PDR SMA 001		ARR	ARR	Frost			
1, 24, 34								
<b>900</b>	<b>Research</b>					<b>1.00</b>	<b>ENFORCED</b>	
	IR IND +		ARR	ARR				
22, 29								
<b>942</b>	<b>Law Practicum Research</b>					<b>1.00</b>	<b>ENFORCED</b>	
	DR IND +		ARR	ARR				
30, 31								
<b>980</b>	<b>Advanced Clinical Law</b>					<b>1.00</b>	<b>ADVISORY, ENFORCED</b>	
	DR IND +		ARR	ARR				
2, 22, 32, 36								

**Literature, Science & the Arts**  
**Department of Afro-American and African Studies**  
**Afroamerican & African Studies (AAS)**

410	Supervised Research								1.00-6.00
	I IND +				ARR		ARR		

## American Culture Program

### American Culture (AMCULT)

383	Hon Read & Thesis IR IND +		ARR	ARR		3.00	ADVISORY	
388	Field Study I IND +		ARR	ARR		1.00-4.00	ADVISORY	
389	Reading Amer Cult I IND +		ARR	ARR		1.00-4.00		
489	Senior Essay I IND +		ARR	ARR		3.00	ADVISORY	
493	Honors Read&Thesis IR IND +		ARR	ARR		1.00-3.00	ADVISORY	
899	Special Research I IND +		ARR	ARR		1.00-6.00	ADVISORY	
990	Diss-Precand IR IND +		ARR	ARR		1.00-8.00	ADVISORY	
995	Diss-Cand IR IND +		ARR	ARR		8.00	ENFORCED	

## Anthropology Department

### Anthropological Archaeology (ANTHRARC)

499	Ug Reading&Research   IND +	ARR	ARR	1.00-3.00	
958	Anthro Research   IND +	ARR	ARR	1.00-3.00	ADVISORY
959	Literature Survey   IND +	ARR	ARR	1.00-3.00	ADVISORY
990	Diss-Precand   IND +	ARR	ARR	1.00-8.00	ADVISORY
995	Diss-Cand IR IND +	ARR	ARR	8.00	ENFORCED

### Anthropology Biological (ANTHRBIO)

371	Techn in Bio Anthro 62612 PI LAB 001	ARR	ARR	1.00-3.00 Wolpoff	
471	U G Reading & Res   IND +	ARR	ARR	1.00-3.00	
962	Anthropological Res   IND +	ARR	ARR	1.00-3.00	ADVISORY
963	Survey Lit-Topics   IND +	ARR	ARR	1.00-3.00	ADVISORY
990	Diss-Precand   IND +	ARR	ARR	1.00-8.00	ADVISORY
995	Diss-Cand IR IND +	ARR	ARR	8.00	ENFORCED

### Anthropology Cultural (ANTHRCUL)

499	Ug Reading & Res   IND +	ARR	ARR	1.00-3.00	
958	Anthropological Res   IND +	ARR	ARR	1.00-3.00	ADVISORY
959	Survey Literature   IND +	ARR	ARR	1.00-3.00	ADVISORY
990	Diss-Precand   IND +	ARR	ARR	1.00-8.00	ADVISORY
995	Diss-Cand IR IND +	ARR	ARR	8.00	ENFORCED

## Applied Physics Program

### Applied Physics (APPPHYS)

715	Ind Research I IND +		ARR	ARR		1.00-5.00	ADVISORY	
990	Diss-Precand I IND +		ARR	ARR		1.00-8.00	ADVISORY	
995	Diss-Cand IR IND +		ARR	ARR		8.00	ENFORCED	

## Asian Languages And Cultures

### Asian Studies (ASIAN)

499	Ind Stdy-Dir Rdg						1.00-4.00	
	IND +		ARR	ARR				
699	Directed Readings						1.00-6.00	
	IND +		ARR	ARR				
798	MA Essay S.S.E.A.						1.00-6.00	ADVISORY
	IND +		ARR	ARR				
995	Diss-Cand						8.00	ENFORCED
	DR IND +		ARR	ARR				

### Asian Languages (ASIANLAN)

499	Independent Lang						1.00-5.00	ADVISORY
	IND +		ARR	ARR				

### Buddhist Studies (BUDDHST)

701	Readings-MA Exam						1.00-3.00	ADVISORY
	IND +		ARR	ARR				

### Chinese (CHIN)

701	Masters Essay						1.00-3.00	ADVISORY
	IND +		ARR	ARR				

### Japanese (JAPANESE)

601	Masters Essay						1.00-3.00	ADVISORY
	IND +		ARR	ARR				

## Astronomy Department

### Astronomy (ASTRO)

389	Indi Studies Astro							1.00-3.00
	IND +		ARR	ARR				
399	Intro-Research							1.00-3.00
	IND +		ARR	ARR				
699	Special Problems							1.00-8.00
	IND +		ARR	ARR				ADVISORY
901	Res-Theoret Astro							1.00-8.00
	IND +		ARR	ARR				ADVISORY
902	Res-Observ Astro							1.00-8.00
	IND +		ARR	ARR				ADVISORY
990	Diss-Precand							1.00-8.00
	IND +		ARR	ARR				ADVISORY
995	Diss-Cand							8.00
	IR IND +		ARR	ARR				ENFORCED

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

## Biology Department

### Biology (BIOLOGY)

200	Undergrad Tutorial I IND +		ARR	ARR		2.00	ADVISORY	
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CAT#	Course Title					CR	PREREQ	LAB FEE
Class #	CODE CMP SEC	DAYS	TIME	LOCATION		INSTRUCTOR		

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## Biophysics Research Division

### Biophysics (BIOPHYS)

399	Research Biophysics						1.00-4.00	
	D IND +		ARR	ARR				
995	Diss-Cand						8.00	ENFORCED
	IR IND +		ARR	ARR				

## Center for Russian, E. European & Eurasian Studies

### Russian, East European and Eurasian Studies (REEES)

301	Dir Reading						1.00-3.00	
	IND +		ARR	ARR				
801	Directed Reading						1.00-3.00	ADVISORY
	IND +		ARR	ARR				

## Chemistry Department

### Chemistry (CHEM)

218	Ind Study Biochem					1.00	ADVISORY	
	IND +		ARR	ARR				
219	Ind Study Chem					1.00	ADVISORY	
	IND +		ARR	ARR				
398	Ugrad Res Biochem					1.00-4.00	ADVISORY	
	IND +		ARR	ARR				
399	Ugrad Res Chem					1.00-4.00	ADVISORY	
	IND +		ARR	ARR				
498	Ugrad Thesis Biochm					1.00	ADVISORY	
	IND +		ARR	ARR				
499	Ugrad Thesis Chem					1.00	ADVISORY	
	IND +		ARR	ARR				
801	Analytical Seminar					2.00	ADVISORY	
61173	PI SEM 100 W		4-5PM	ARR	Kennedy			
895	Research in Chem					1.00-8.00	ADVISORY	
	IND +		ARR	ARR				
990	Diss-Precand					1.00-8.00	ADVISORY	
	IND +		ARR	ARR				
995	Diss-Cand					8.00	ENFORCED	
	DR IND +		ARR	ARR				

## Classical Studies Department

### Classical Archaeology (CLARCH)

499	Supervised Reading						1.00-3.00	
	IND +		ARR	ARR				
599	Supervised Study						1.00-4.00	ADVISORY
	IND +		ARR	ARR				
990	Diss-Precand						1.00-8.00	ADVISORY
	IND +		ARR	ARR				
995	Diss-Cand						8.00	ENFORCED
	IR IND +		ARR	ARR				

### Classical Linguistics (CLLING)

990	Diss-Precand						1.00-8.00	ADVISORY
	IND +		ARR	ARR				
995	Diss-Cand						8.00	ENFORCED
	IR IND +		ARR	ARR				

### Greek (GREEK)

990	Diss-Precand						1.00-8.00	ADVISORY
	IND +		ARR	ARR				
995	Diss-Cand						8.00	ENFORCED
	IR IND +		ARR	ARR				

### Latin (LATIN)

499	Supervised Reading						1.00-4.00	
	IND +		ARR	ARR				
599	Supv Read Lat Lit						1.00-4.00	
	IND +		ARR	ARR				
990	Diss-Precand						1.00-8.00	ADVISORY
	IND +		ARR	ARR				
995	Diss-Cand						8.00	ENFORCED
	IR IND +		ARR	ARR				

## Communication Studies

### Communication Studies (COMM)

799	Directed Study							
	IND +		ARR	ARR		1.00-3.00	ADVISORY	
900	Prelim Exam Prep							
	IND +		ARR	ARR		1.00-6.00	ADVISORY	
990	Diss-Precand							
	IND +		ARR	ARR		1.00-8.00	ADVISORY	
995	Diss-Cand							
	IR IND +		ARR	ARR		8.00	ENFORCED	

## Comparative Literature Program

### Comparative Literature (COMPLIT)

496	Honors Thesis							
	IR IND +		ARR	ARR	3.00		ADVISORY	
498	Directed Reading							
	I IND +		ARR	ARR	1.00-4.00			
698	Directed Reading							
	I IND +		ARR	ARR	1.00-4.00		ADVISORY	
990	Diss-Precand							
	I IND +		ARR	ARR	1.00-8.00		ADVISORY	
995	Diss-Cand							
	DR IND +		ARR	ARR	8.00		ENFORCED	

## Program Study of Complex Systems

### Complex Systems (CMPLXSYS)

599	Ind Study Cmplx Sys						1.00-3.00	ADVISORY
	IND +		ARR		ARR			

## Center For Chinese Studies

### Chinese Studies (CCS)

650	Ind St Chinese St					1.00-3.00	ADVISORY	
	SI IND +		ARR	ARR				
700	China MA Thesis					1.00-3.00	ADVISORY	
	IND +		ARR	ARR				



## Center For Japanese Studies

### Japanese Studies (CJS)

591	Japan Indep Study   IND +		ARR	ARR		1.00-4.00	ADVISORY	
592	Ind Std Adv Jpn Lang   IND +		ARR	ARR		1.00-3.00	ADVISORY	
799	MA Essay Japan Std IND +		ARR	ARR		1.00-6.00	ADVISORY	

## English Language & Literature Dept

### English Language And Literature (ENGLISH)

577	Indi Stdy-Creat Wrt SI IND +		ARR	ARR			1.00-3.00	ADVISORY
590	Indi Study MA Stu SI IND +		ARR	ARR			1.00-4.00	ADVISORY
992	Directed Study SI IND +		ARR	ARR			1.00-3.00	ADVISORY
995	Diss-Cand S R IND +		ARR	ARR			8.00	ENFORCED

## Earth and Environmental Sciences

### Earth and Environmental Sciences (EARTH)

299	Ind Study EARTH							1.00-6.00
	SI IND +		ARR	ARR				
498	Research&Spec Work							1.00-6.00
	SI IND +		ARR	ARR				
499	Research&Spec Work							1.00-6.00
	SI IND +		ARR	ARR				
709	Thesis Res Am-Ms							1.00-6.00
	SI IND +		ARR	ARR				ADVISORY
990	Diss-Precand							1.00-8.00
	SI IND +		ARR	ARR				ADVISORY
995	Diss-Cand							8.00
	SIR IND +		ARR	ARR				ENFORCED

## Ecology & Evolutionary Biology

### Ecology and Evolutionary Biology (EEB)

300	Undergrad Research						1.00-3.00	ADVISORY
	IND +		ARR	ARR				
302	Teach Exper Undergr						1.00-3.00	
	IND +		ARR	ARR				
400	Advanced Research						1.00-3.00	ADVISORY
	IND +		ARR	ARR				
601	Investigate Biology						1.00-8.00	ADVISORY
	IND +		ARR	ARR				
700	Advanced Studies						1.00-8.00	ADVISORY
	IND +		ARR	ARR				
730	Advanced Studies						1.00-8.00	ADVISORY
	IND +		ARR	ARR				
755	Special Studies						1.00-16.00	ADVISORY
	IND +		ARR	ARR				
990	Diss-Precand						1.00-8.00	ADVISORY
	IND +		ARR	ARR				
995	Diss-Cand						8.00	ENFORCED
	R IND +		ARR	ARR				

## Economics Department

### Economics (ECON)

498	Honors Ind Research IR IND +		ARR	ARR		1.00-4.00	ADVISORY	
499	Individual Research I IND +		ARR	ARR		1.00-4.00	ADVISORY	
700	Research I IND +		ARR	ARR		1.00-6.00	ADVISORY	
990	Diss-Precand I IND +		ARR	ARR		1.00-8.00	ADVISORY	
995	Diss-Cand S R IND +		ARR	ARR		8.00	ENFORCED	

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

## Program in the Environment

### Environment (ENVIRON)

300	Spec Prob&Res-Ugrad						1.00-4.00	
	IND +		ARR	ARR				
398	Env Internship Prog						1.00-3.00	
	IND +		ARR	ARR				
499	Senior Honors Thesis						1.00-6.00	ADVISORY
	IND +		ARR	ARR				

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

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## Exhibit Museum

### Museum Methods (MUSMETH)

499	Independent Research						1.00-4.00	ADVISORY	
	D IND +		ARR	ARR					

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

## Germanic Languages & Lit Dept

### Dutch (DUTCH)

901	Independ Grad Study							
	I IND +		ARR	ARR			2.00-4.00	ADVISORY

### German (GERMAN)

990	Diss-Precand							
	I IND +		ARR	ARR			1.00-8.00	ADVISORY
995	Diss-Cand							
	IR IND +		ARR	ARR			8.00	ENFORCED



## History Department

### History (HISTORY)

395	Reading Course						1.00-4.00	ADVISORY
	IR IND +		ARR	ARR				
499	Sr Honors Colloquium						1.00-6.00	ADVISORY
	IR IND +		ARR	ARR				
700	Independent Res Sem						1.00-3.00	ADVISORY
	IR IND +		ARR	ARR				
801	Reading Course						1.00-3.00	ADVISORY
	IR IND +		ARR	ARR				
802	Reading Course						1.00-3.00	ADVISORY
	IR IND +		ARR	ARR				
803	Read for Gen Exam						1.00-3.00	ADVISORY
	IR IND +		ARR	ARR				
804	Read for Gen Exam						1.00-3.00	ADVISORY
	IR IND +		ARR	ARR				
900	Prep for Prelims						1.00-6.00	ADVISORY
	IR IND +		ARR	ARR				
990	Diss-Precand						1.00-8.00	ADVISORY
	IR IND +		ARR	ARR				
995	Diss-Cand						8.00	ENFORCED
	IR IND +		ARR	ARR				

## History Of Art Department

### History of Art (HISTART)

299	Experiential Study						1.00-3.00	
	I IND +		ARR	ARR				
399	Independent Study						1.00-3.00	
	IR IND +		ARR	ARR				
600	Independent Study						1.00-3.00	ADVISORY
	IR IND +		ARR	ARR				
700	Independent Res						1.00-3.00	ADVISORY
	IR IND +		ARR	ARR				
990	Diss-Precand						1.00-8.00	ADVISORY
	IR IND +		ARR	ARR				
995	Diss-Cand						8.00	ENFORCED
	IR IND +		ARR	ARR				

### Museums (MUSEUMS)

409	Museum Std Pract						3.00	ENFORCED
	S R IND +		ARR	ARR				
499	Ind Study Museums						1.00-4.00	ADVISORY
	SD IND +		ARR	ARR				

## Honors Program

### College Honors (HONORS)

290	Hnrs Intro Research IR IND +		ARR	ARR		1.00-4.00	ADVISORY	
291	Hnrs Intro Research IR IND +		ARR	ARR		1.00-4.00	ADVISORY	
292	Intro Research IR IND +		ARR	ARR		1.00-4.00	ADVISORY	
390	Jr Honors Research IR IND +		ARR	ARR		1.00-4.00	ADVISORY	
490	Sr Honors Research IR IND +		ARR	ARR		1.00-4.00	ADVISORY	

## Judaic Studies Program

### Judaic Studies (JUDAIC)

495	Independent Studies						1.00-3.00	
	IND +		ARR	ARR				
496	Independent Studies						1.00-3.00	
	IND +		ARR	ARR				
497	Senior Thesis						3.00	
	IND +		ARR	ARR				
498	Senior Thesis						3.00	
	IND +		ARR	ARR				
500	Ind Study Judaic						1.00-3.00	ADVISORY
	D IND +		ARR	ARR				

## LS&A First Year Seminars

### University Courses (UC)

225	Undergrad Internship						1.00	
	SD IND +		ARR	ARR				
280	Undergrad Research						1.00-4.00	ADVISORY
60309	PI REC 001		ARR	ARR		Gregerman		
399	Directed Study						1.00-3.00	ADVISORY
	SD IND +		ARR	ARR				
409	Directed Study						3.00	ADVISORY, ENFORCED
	S IND +		ARR	ARR				

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

## Latin Amer & Carribean Studies

### Latin American And Caribbean Studies (LACS)

499	Independent Study								1.00-3.00
I	IND +		ARR				ARR		

## Department of Linguistics

### Linguistics (LING)

395	Individual Research						1.00-4.00	
	IND +		ARR	ARR				
493	Undergrad Reading						1.00-3.00	ADVISORY
	IND +		ARR	ARR				
494	Undergrad Reading						1.00-3.00	ADVISORY
	IND +		ARR	ARR				
495	Senior Honors Read						1.00-3.00	ADVISORY
	IND +		ARR	ARR				
496	Senior Honors Read						1.00-3.00	ADVISORY
	IND +		ARR	ARR				
990	Diss-Precand						1.00-8.00	ADVISORY
	IND +		ARR	ARR				
995	Diss-Cand						8.00	ENFORCED
	IR IND +		ARR	ARR				
997	Spec Res I & II						1.00-6.00	ADVISORY
	IND +		ARR	ARR				

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

## Lloyd Hall Scholars Program

### Lloyd Hall Scholars Program (LHSP)

299	Independent Study						1.00-4.00	150.00
61381	PI REC 001		ARR	ARR				



## Macromolecular Sci & Engr Ctr

### Macromolecular Science (MACROMOL)

790	Fac Actv Res Surv					1.00	ADVISORY	
60565	P SEM 001		ARR	ARR		Laine		
800	Macromolecular Sem					2.00	ADVISORY	
60566	P SEM 001		ARR	ARR		Laine		
890	Intro Res Technique					1.00-8.00	ADVISORY	
	I IND +		ARR	ARR				
990	Diss-Precand					1.00-8.00	ADVISORY	
	I IND +		ARR	ARR				
995	Diss-Cand					8.00	ENFORCED	
	SIR IND +		ARR	ARR				

## Mathematics Department

### Mathematics (MATH)

399	Independent Reading						1.00-6.00	
	I IND +		ARR	ARR				
429	Internship						1.00	ADVISORY
	I IND +		ARR	ARR				
499	Independent Reading						1.00-4.00	ADVISORY
	I IND +		ARR	ARR				
700	Dir Read-Research						1.00-3.00	ADVISORY
	I IND +		ARR	ARR				
990	Diss-Precand						1.00-8.00	ADVISORY
	SI IND +		ARR	ARR				
995	Diss-Cand						8.00	ENFORCED
	SIR IND +		ARR	ARR				

## Center for Middle Eastern & North African Studies

### Middle Eastern And North African Studies (MENAS)

595	Directed Reading								
SI	IND +		ARR	ARR			1.00-3.00	ADVISORY	

## Molecular, Cellular, and Developmental Biology

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

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

## Near Eastern Studies Department

### Arabic, Armenian, Persian, Turkish & Islamic Studies (AAPTIS)

395	Dir Ug Readings							1.00-3.00
	IND +		ARR		ARR			
498	Sr Honors Thesis							1.00-6.00
	IND +		ARR		ARR			
798	Dir Grad Readings							1.00-3.00
	IND +		ARR		ARR			ADVISORY
990	Diss Pre-Cand							1.00-8.00
	IND +		ARR		ARR			ADVISORY
995	Dissertation Res							8.00
	IR IND +		ARR		ARR			ENFORCED

### Ancient Civilizations And Biblical Studies (ACABS)

395	ACABS Ug Dir Read							1.00-3.00
	IND +		ARR		ARR			
498	Sr Honors Thesis							1.00-6.00
	IND +		ARR		ARR			
798	Dir Grad Readings							1.00-3.00
	IND +		ARR		ARR			ADVISORY
990	Diss Pre-Cand							1.00-8.00
	IND +		ARR		ARR			ADVISORY
995	Dissertation Res							8.00
	IR IND +		ARR		ARR			ENFORCED

### Hebrew And Jewish Cultural Studies (HJCS)

395	Dir Ug Readings							1.00-3.00
	IND +		ARR		ARR			
498	Sr Honor Thesis							1.00-6.00
	IND +		ARR		ARR			
798	Dir Grad Readings							1.00-3.00
	IND +		ARR		ARR			ADVISORY
990	Diss Pre-Cand							1.00-8.00
	IND +		ARR		ARR			ADVISORY
995	Dissertation Res							8.00
	IR IND +		ARR		ARR			ENFORCED

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

## Philosophy Department

### Philosophy (PHIL)

995	Diss-Cand								
	IR	IND	+		ARR	ARR		8.00	ENFORCED

## Physics Department

### Physics (PHYSICS)

415	Ug Special Problems						1.00-6.00	
	IND +		ARR	ARR				
496	Senior Thesis I						2.00-3.00	ADVISORY
	IND +		ARR	ARR				
497	Senior Thesis II						2.00-3.00	ADVISORY
	IND +		ARR	ARR				
498	Intr Res-Honors Stu						2.00-3.00	ADVISORY
	IND +		ARR	ARR				
499	Intr Res-Honors Stu						2.00-3.00	ADVISORY
	IND +		ARR	ARR				
515	Supervised Research						4.00-6.00	ADVISORY
	IND +		ARR	ARR				
715	Special Prob-Grad						1.00-6.00	ADVISORY
	IND +		ARR	ARR				
990	Diss-Precand						1.00-8.00	ADVISORY
	IND +		ARR	ARR				
995	Diss-Cand						8.00	ENFORCED
	IR IND +		ARR	ARR				

## Political Science Department

### Political Science (POLSCI)

299	POLSCI Internship D IND +		ARR	ARR		1.00	ADVISORY	
492	Directed Studies I IND +		ARR	ARR		1.00-6.00	ADVISORY	
692	Directed Reading I IND +		ARR	ARR		1.00-6.00	ADVISORY	
892	Directed Research I IND +		ARR	ARR		1.00-6.00	ADVISORY	
990	Diss-Precand I IND +		ARR	ARR		1.00-8.00	ADVISORY	
995	Diss-Cand IR IND +		ARR	ARR		8.00	ENFORCED	



## Psychology Department

### Psychology (PSYCH)

200	Ind Psych Issues I IND +	ARR	ARR	1.00-4.00	ADVISORY
322	Fld Prac Res Nat Sci I IND +	ARR	ARR	1.00-4.00	ADVISORY
326	Dir Res Psych/NS I IND +	ARR	ARR	1.00-4.00	ADVISORY
328	Res Lab Psy Nat Sci I IND +	ARR	ARR	1.00	ADVISORY
404	Field Practicum I IND +	ARR	ARR	1.00-4.00	ADVISORY
405	Pract Univ Setting I IND +	ARR	ARR	1.00-4.00	ADVISORY
420	Adv Reading NS I IND +	ARR	ARR	1.00-4.00	ADVISORY
421	Adv Reading Soc Sci I IND +	ARR	ARR	1.00-4.00	ADVISORY
422	Adv Research NS I IND +	ARR	ARR	1.00-4.00	ADVISORY
424	Sr Hon Res I Nat Sci AI SEM 001	ARR	ARR	2.00-4.00	ADVISORY
61043				Mahalingam	
426	Sr Hon Res II Nat Sc AI SEM 001	ARR	ARR	2.00-4.00	ADVISORY
61044				Mahalingam	
428	Sr Thesis Psych NS D IND +	ARR	ARR	2.00-4.00	ADVISORY
616	Anal Survey Data II PD SEM 001 MTWTHF	830-1030AM	ARR	4.00	ADVISORY
62918				Couper	
619	Supervised Research I IND +	ARR	ARR	1.00-4.00	ADVISORY
687	Meth Survey Sampling PD LEC 001 TTH	1230-3PM	ARR	3.00	ADVISORY
61591				Wagner	
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.					
706	Tutorial Reading I IND +	ARR	ARR	1.00-4.00	ADVISORY
711	Question Design PD SEM 001 TTH	1030-1230PM	ARR	3.00	ADVISORY
61593				Yan, Zhang	
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.					
719	Supervised Research I IND +	ARR	ARR	1.00-5.00	ADVISORY
819	Supervised Research I IND +	ARR	ARR	1.00-4.00	ADVISORY
879	Internship Clin Psy SI IND +	ARR	ARR	2.00	ADVISORY
990	Diss-Precand I IND +	ARR	ARR	8.00	ADVISORY
995	Diss-Cand IR IND +	ARR	ARR	8.00	ENFORCED

## Studies In Religion

### Religion (RELIGION)

387	Independent Study							1.00-3.00
	IND +		ARR	ARR				
487	Independent Study							1.00-3.00
	IND +		ARR	ARR				

## Romance Languages Department

### French (FRENCH)

399	Independent Study					1.00-3.00	ENFORCED	
	IR IND +		ARR	ARR				
899	Independent Study					1.00-3.00	ADVISORY	
	IR IND +		ARR	ARR				
990	Diss-Precand					1.00-8.00	ADVISORY	
	IR IND +		ARR	ARR				
995	Diss-Cand					8.00	ENFORCED	
	IR IND +		ARR	ARR				

### Italian (ITALIAN)

995	Diss-Cand					8.00	ENFORCED	
	DR IND +		ARR	ARR				

### Portuguese (PORTUG)

350	Independent Study					1.00-3.00	ADVISORY	
	I IND +		ARR	ARR				

### Romance Linguistics (ROMLING)

990	Diss-Precand					1.00-8.00	ADVISORY	
	IR IND +		ARR	ARR				
995	Diss-Cand					8.00	ENFORCED	
	IR IND +		ARR	ARR				

### Spanish (SPANISH)

350	Independent Study					1.00-3.00	ADVISORY	
	I IND +		ARR	ARR				
435	Independent Study					1.00-3.00	ENFORCED	
	IR IND +		ARR	ARR				
635	Independent Study					1.00-3.00	ADVISORY	
	IR IND +		ARR	ARR				
895	Independent Study					3.00	ADVISORY	
	IR IND +		ARR	ARR				
990	Diss-Precand					1.00-8.00	ADVISORY	
	IR IND +		ARR	ARR				
995	Diss-Cand					8.00	ENFORCED	
	IR IND +		ARR	ARR				

## SRC-PSM Graduate Program

### Survey Methodology (SURVMETH)

<b>612</b>	<b>Meth Survey Sampling</b>					<b>3.00</b>	<b>ADVISORY</b>	
61588	PD LEC 001	TTH	1230-3PM	ARR		Wagner		
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>614</b>	<b>Dsn&amp;Anl Com Samp Srv</b>					<b>3.00</b>	<b>ADVISORY</b>	
61589	PD SEM 001		ARR	ARR				
<b>623</b>	<b>Data Collection Meth</b>					<b>3.00</b>	<b>ADVISORY</b>	
61586	PD LEC 001	MW	2-530PM	ARR		Conrad, Keusch		
Please contact Summer Institute at 764-6595 for questions or override. Offered as part of ISR Summer Institute in Survey Research Techniques.								
<b>630</b>	<b>Question Design</b>					<b>3.00</b>	<b>ADVISORY</b>	
61587	PD SEM 001	TTH	1030-1230PM	ARR		Yan, Zhang		
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>641</b>	<b>Comp Anl Surv Data 2</b>					<b>1.00</b>	<b>ADVISORY</b>	
62913	PD SEM 001		ARR	ARR				
<b>651</b>	<b>Semi-Struc Interview</b>					<b>1.50</b>		
62916	PD SEM 001	MTWTHF	1030-1230PM	ARR		Riley		
<b>653</b>	<b>Comb Qual&amp;Quan Data</b>					<b>1.50</b>	<b>ADVISORY</b>	
62542	PD SEM 001	MTWTHF	1-3PM	ARR		Pearce, Ghimire		
Offered as part of the Summer Institute in Survey Research Techniques. Contact summers@isr.umich.edu for registration information.								
<b>654</b>	<b>Qual Dta Anl Computr</b>					<b>1.50</b>	<b>ADVISORY</b>	
62543	PD SEM 001	MTWTHF	1-3PM	ARR		Weitzman		
Offered as part of the Summer Institute in Survey Research Techniques. Contact summers@isr.umich.edu for registration details.								
<b>680</b>	<b>Anlys Survey Data I</b>					<b>3.00</b>	<b>ADVISORY</b>	
62588	PD SEM 001	MTWTHF	1230-5PM	ARR		Yeaton		
Contact Summer Institute staff for permission to register (isr-summer@umich.edu)								
<b>681</b>	<b>Anal Survey Data II</b>					<b>4.00</b>	<b>ADVISORY</b>	
62914	PD SEM 001	MTWTHF	830-1030AM	ARR		Couper		
<b>688</b>	<b>Bld Test Str Equ Mod</b>					<b>3.00</b>		
62589	PD SEM 001		ARR	ARR				
<b>988</b>	<b>Adv Sem in Surv Meth</b>					<b>1.00-3.00</b>	<b>ADVISORY</b>	
62544	PD SEM 007	MTWTHF	3-5PM	ARR		Yeaton		
Design Inferences Non-Exper Offered as part of the Summer Institute in Survey Research Techniques. Contact summers@isr.umich.edu for registration details.								
62915	PD SEM 009		ARR	ARR				
<b>995</b>	<b>Diss-Cand</b>					<b>8.00</b>	<b>ENFORCED</b>	
	DR IND +		ARR	ARR				

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

## Screen Arts and Cultures

### Screen Arts and Cultures (SAC)

499	Independent Study					1.00-4.00		150.00
	I IND +		ARR	ARR				
700	Directed Research					3.00	ADVISORY	
	I IND +		ARR	ARR				
995	Diss-Cand					8.00	ENFORCED	
	IR IND +		ARR	ARR				

## Slavic Languages & Lit Dept

### Russian (RUSSIAN)

430	Supervised Reading								
	I IND +		ARR	ARR				1.00-4.00	ADVISORY
990	Diss-Precand								
	IR IND +		ARR	ARR				1.00-8.00	ADVISORY
995	Diss-Cand								
	IR IND +		ARR	ARR				8.00	ENFORCED

### Ukrainian (UKR)

450	Internship-Ukraine								
	I IND +		ARR	ARR				1.00	ADVISORY

## Sociology Department

### Sociology (SOC)

394	<b>Undergrad Research</b>						<b>1.00-4.00</b>	
	I IND +		ARR	ARR				
395	<b>Independent Study</b>						<b>1.00-4.00</b>	<b>ADVISORY</b>
	I IND +		ARR	ARR				
396	<b>UG Internship</b>						<b>1.00</b>	<b>ADVISORY</b>
	D IND +		ARR	ARR				
612	<b>Meth Survey Sampling</b>						<b>3.00</b>	<b>ADVISORY</b>
61592	PD LEC 001	TTH	1230-3PM	ARR		Wagner		
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.								
616	<b>Anal Survey Data II</b>						<b>4.00</b>	<b>ADVISORY</b>
62919	PD SEM 001	MTWTHF	830-1030AM	ARR		Couper		
695	<b>Directed Research</b>						<b>1.00-6.00</b>	<b>ADVISORY</b>
	I IND +		ARR	ARR				
696	<b>Directed Reading</b>						<b>1.00-6.00</b>	<b>ADVISORY</b>
	I IND +		ARR	ARR				
711	<b>Question Design</b>						<b>3.00</b>	<b>ADVISORY</b>
61594	PD SEM 001	TTH	1030-1230PM	ARR		Yan, Zhang		
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.								
990	<b>Diss-Precand</b>						<b>1.00-8.00</b>	<b>ADVISORY</b>
	D IND +		ARR	ARR				
995	<b>Diss-Cand</b>						<b>8.00</b>	<b>ENFORCED</b>
	DR IND +		ARR	ARR				

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

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## Statistics Department

### Statistics (STATS)

750	Directed Reading							
	IR IND +		ARR	ARR	1.00-6.00		ADVISORY	
990	Diss-Precand							
	IR IND +		ARR	ARR	1.00-8.00		ADVISORY	
995	Diss-Cand							
	IR IND +		ARR	ARR	8.00		ENFORCED	



## Women's Studies Department

### Womens Studies (WOMENSTD)

385	Directed Reading   IND +		ARR	ARR		1.00-3.00	ADVISORY	
580	Independent Study   IND +		ARR	ARR		1.00-3.00	ADVISORY	
690	Directed Readings   IND +		ARR	ARR		1.00-3.00	ADVISORY	
890	Advanced Research   IND +		ARR	ARR		1.00-3.00	ADVISORY	
891	Jt Ph.D Adv Res   IND +		ARR	ARR		3.00	ADVISORY	
990	Diss Pre-Cand   IND +		ARR	ARR		1.00-8.00	ADVISORY	
995	Diss Cand   IR IND +		ARR	ARR		8.00	ENFORCED	

# Medicine

## Division of Anatomical Science

### Anatomy (ANATOMY)

800	Special Topics							1.00
60315	PI LEC 001		ARR	ARR				
990	Diss-Precand							1.00-8.00
	I IND +		ARR	ARR				ADVISORY
995	Diss-Cand							8.00
	IR IND +		ARR	ARR				ENFORCED

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

## Anesthesiology Department

### Anesthesia (ANESTH)

499	Ug Research I IND +		ARR	ARR		1.00-16.00	ADVISORY		
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CAT#	Course Title					CR	PREREQ	LAB FEE
Class #	CODE CMP SEC	DAYS	TIME	LOCATION	INSTRUCTOR			

## Bioinformatics

### Bioinformatics (BIOINF)

599	Directed Research						1.00-8.00	
	I IND +		ARR	ARR				
668	Health Informatics						3.00	ADVISORY
63261	PD LEC 777		ARR	ARR	Zheng			
990	Intr to Res Rotation						1.00-8.00	ADVISORY
	I IND +		ARR	ARR				
995	Diss-Cand Res						8.00	ENFORCED
	DR IND +		ARR	ARR				

## Biological Chemistry Department

### Biological Chemistry (BIOLCHEM)

398	UG Research	BIOLCHEM						
	I	IND +	ARR	ARR			1.00-4.00	ADVISORY
499	Biochem Res for Ug							
	IR	IND +	ARR	ARR			1.00-6.00	ADVISORY
FOR UNDERGRADUATES								
600	Intro Bio Research							
	IR	IND +	ARR	ARR			1.00-8.00	ADVISORY
800	Biochem Res-Med Stu							
	I	IND +	ARR	ARR			1.00-6.00	ADVISORY
990	Diss-Precand							
	I	IND +	ARR	ARR			1.00-8.00	ADVISORY
995	Diss-Cand							
	IR	IND +	ARR	ARR			8.00	ENFORCED

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

## Cancer Biology Graduate Program

### Cancer Biology (CANC BIO)

599	Grad Independ Res								1.00-8.00
	D IND +			ARR		ARR			

## Cell and Developmental Biology

### Cell and Developmental Biology (CDB)

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

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

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## Cellular and Molecular Biology

### Cellular And Molecular Biology (CMBIOL)

599	Non-Diss Research					1.00-8.00	ADVISORY	
	I IND +		ARR	ARR				
990	Diss-Precand					1.00-8.00	ADVISORY	
	I IND +		ARR	ARR				
995	Diss-Cand					8.00	ENFORCED	
	IR IND +		ARR	ARR				



## Dermatology Department

### Dermatology (DERM)

499	U G Derm Research							1.00-16.00
	IND +		ARR	ARR				
544	Biochemical Res							1.00-16.00
	IND +		ARR	ARR				
599	Clinical Research							2.00-8.00
	IND +		ARR	ARR			ADVISORY	

## Human Genetics Department

### Human Genetics (HUMGEN)

500	Ug Res-Human Gen I IND +		ARR	ARR		1.00-6.00	ADVISORY	
800	Research-Non Phd I IND +		ARR	ARR		1.00-16.00	ADVISORY	
990	Diss-Precand I IND +		ARR	ARR		1.00-8.00	ADVISORY	
995	Diss-Cand R IND +		ARR	ARR		8.00	ENFORCED	

## Internal Medicine Department

### Internal Medicine (INTMED)

499	Ug Int Med Res						1.00-16.00	
	IND +		ARR	ARR				
599	Clinical Research						2.00-8.00	ADVISORY
	IND +		ARR	ARR				
603	Hlt Series Research						2.00	ADVISORY
61384	P SEM 001 T		4-6PM	2062 PALM	Schteingart			
605	Mentored Clin Res						1.50-4.00	ADVISORY
61544	P LAB 002		ARR	ARR	Murphy			
62874	P LAB 003		ARR	ARR	Clauw			
Section 003 for enrolled MSCR students only								
606	Clinical Res Sem						1.00-2.00	ADVISORY
61670	P SEM 001		ARR	ARR	Schteingart			
For OJOC Students only.								
62623	P SEM 333 TH		1230-130PM	ARR	Burant, Wiley			
607	Clin Res Symposia						1.00-2.00	ADVISORY
61224	P SEM 001		ARR	ARR	Schteingart			
611	Intro Clin Res Meth						2.00	ADVISORY
61545	P SEM 001 T		4-6PM	ARR				

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

## Medical School Administration

### Immunology (IMMUNO)

599	Grad Ind Research					1.00-8.00	ADVISORY	
	IND +		ARR	ARR				
990	Pre-Cand Diss					1.00-8.00		
	IND +		ARR	ARR				
995	Diss-Cand					8.00	ENFORCED	
	DR IND +		ARR	ARR				

### Medical School Administration (MEDADM)

807	Adv Head&Neck					2.00		
60316	S R LEC 001	W	2-5PM	ARR				
60317	P R LAB 002		ARR	ARR				

## Microbiology And Immunology

### Microbiology (MICRBIOL)

399	Ug Research							1.00-8.00	ADVISORY
	IND +		ARR	ARR					
599	Grad Independ Res							1.00-8.00	ADVISORY
	IND +		ARR	ARR					
990	Diss-Precand							1.00-8.00	ADVISORY
	IND +		ARR	ARR					
995	Diss-Cand							8.00	ENFORCED
	IR IND +		ARR	ARR					

## Neurology Department

### Neurology (NEUROL)

499	Ug Neurol Res							1.00-16.00	
	I IND +		ARR	ARR					
599	Clinical Research							2.00-8.00	ADVISORY
	I W IND +		ARR	ARR					
781	Research							1.00-4.00	ADVISORY
	IND +		ARR	ARR					
782	Research							1.00-4.00	ADVISORY
	IND +		ARR	ARR					

## Center For Neuroscience

### Neuroscience (NEUROSCI)

800	Neurosci Res Method						1.00-9.00	ADVISORY	
	I IND +		ARR	ARR					
801	Neurosci Res Method						1.00-9.00	ADVISORY	
	I IND +		ARR	ARR					
990	Diss-Precand						1.00-8.00	ADVISORY	
	I IND +		ARR	ARR					
995	Diss-Cand						8.00	ENFORCED	
	DR IND +		ARR	ARR					

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

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

499	U G Ob-Gyn Research						1.00-16.00	
	IND +		ARR	ARR				
599	Clinical Research						2.00-8.00	ADVISORY
	IND +		ARR	ARR				



## Ophthalmology Department

### Ophthalmology (OPHTH)

499	U G Ophthy Research						1.00-16.00	
	IND +		ARR	ARR				
599	Clinical Research						2.00-8.00	ADVISORY
	IND +		ARR	ARR				
801	Instruments						1.00-4.00	ADVISORY
	IND +		ARR	ARR				
802	Medical						1.00-4.00	ADVISORY
	IND +		ARR	ARR				
807	Ocular Pharmacology						1.00	ADVISORY
	IND +		ARR	ARR				

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

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## Otorhinolaryngology Department

### Otorhinolaryngology (OTO)

499	U G Oto Research						1.00-16.00	
	IND +		ARR	ARR				
599	Clinical Research						2.00-8.00	ADVISORY
	IND +		ARR	ARR				

## Pathology Department

### Pathology (PATH)

499	Clinical Research I IND +		ARR	ARR			2.00-6.00	
599	Non-Diss Research IND +		ARR	ARR			1.00-8.00	
699	Ind Ug Research I IND +		ARR	ARR			1.00-9.00	ADVISORY
850	Res Colloq Exp Path PI DIS 001		ARR	ARR			1.00	ADVISORY
60363								
920	Research in Path I IND +		ARR	ARR			1.00-6.00	ADVISORY
990	Pre-Cand Diss Res I IND +		ARR	ARR			1.00-8.00	ADVISORY
995	Cand Diss Research IR IND +		ARR	ARR			8.00	ENFORCED

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

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## Pediatrics & Comm Diseases Dep

### Pediatrics (PEDIAT)

499	U G Peds Research						1.00-16.00	
	IND +		ARR	ARR				
599	Clinical Research						2.00-8.00	ADVISORY
	IND +		ARR	ARR				

## Pharmacology Department

### Pharmacology (PHRMACOL)

410	Pathophys Pharm I							3.00
63014	P LEC 001		ARR	ARR				Maybaum, Schlafer, Iniguez-Lluhi, Glenn, Smith
This is an online course.								
600	Independent Study							1.00-8.00
	D IND +		ARR	ARR				ADVISORY
990	Diss-Precand							1.00-8.00
	D IND +		ARR	ARR				ADVISORY
995	Diss-Cand							8.00
	DR IND +		ARR	ARR				ENFORCED

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

**Physical Medicine & Rehab Dept**

**Physical Medicine & Rehabilitation (PMR)**

539	Eng&Tec Cln Interns							
	I IND +		ARR	ARR			8.00	ADVISORY

## Physiology Department

### Physiology (PHYSIOL)

306	Problems						1.00-4.00	ADVISORY
	IND +		ARR	ARR				
405	Research Problems						1.00-4.00	
	IND +		ARR	ARR				
599	Grad Ind Research						1.00-8.00	ADVISORY
	IND +		ARR	ARR				
602	Meth Res Physiology						2.00-6.00	ADVISORY
	IND +		ARR	ARR				
603	Meth Res Physiology						2.00-6.00	ADVISORY
	IND +		ARR	ARR				
699	Direct Reading-Phys						1.00-4.00	
	IND +		ARR	ARR				
702	Physio MS Res Proj						3.00-8.00	
	IND +		ARR	ARR				
990	Diss-Precand						1.00-8.00	ADVISORY
	IND +		ARR	ARR				
995	Diss-Cand						8.00	ENFORCED
	IR IND +		ARR	ARR				

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

## Psychiatry Department

### Psychiatry (PSYCHIAT)

499	U G Psychiat Res						1.00-16.00	
	IND +		ARR	ARR				
599	Clinical Research						2.00-8.00	ADVISORY
	IND +		ARR	ARR				



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

## Surgery Department

### Surgery (SURGERY)

499	Ug Surgery Research						1.00-16.00	
	IND +		ARR	ARR				
599	Clinical Research						2.00-8.00	ADVISORY
	IND +		ARR	ARR				

# Music, Theatre & Dance

## School of Music, Theatre and Dance

### Composition (COMP)

990	Diss-Precand						1.00-8.00	ADVISORY
	I IND +		ARR	ARR				
995	Diss-Cand						8.00	ENFORCED
	IR IND +		ARR	ARR				

### Conducting (CONDUCT)

990	Diss-Precand						1.00-8.00	ADVISORY
	I IND +		ARR	ARR				
995	Diss-Cand						8.00	ENFORCED
	IR IND +		ARR	ARR				

### Music Education (MUSED)

881	Special Readings						1.00-6.00	ADVISORY
	I IND +		ARR	ARR				
990	Diss-Precand						1.00-8.00	ADVISORY
	I IND +		ARR	ARR				
995	Diss-Cand						8.00	ENFORCED
	IR IND +		ARR	ARR				

### Musicology (MUSICOL)

990	Diss-Precand						1.00-8.00	ADVISORY
	I IND +		ARR	ARR				
995	Diss-Cand						8.00	ENFORCED
	IR IND +		ARR	ARR				

### Music Performance (MUSPERF)

412	Yoga for Performers						1.00-2.00	ADVISORY
62181	PI REC 001		ARR	ARR		Serbo		
	Music in the Marche							
591	Directed Perform						2.00-4.00	ADVISORY
	I IND +		ARR	ARR				
891	Directed Perform						2.00-6.00	ADVISORY
	I IND +		ARR	ARR				
990	Diss-Precand						1.00-8.00	ADVISORY
	I IND +		ARR	ARR				
995	Diss-Cand						8.00	ENFORCED
	IR IND +		ARR	ARR				

### Performing Arts & Technology (PAT)

407	Direct Indiv Stdy						1.00-3.00	ADVISORY
	I IND +		ARR	ARR				
461	Performance Systems						3.00	ADVISORY, ENFORCED
62297	PIR LEC 001		ARR	ARR		Essl		
481	Independent Stds						1.00-4.00	ADVISORY
	I IND +		ARR	ARR				
490	Sr Thesis Seminar						1.00-3.00	ADVISORY
62891	PI SEM 001		ARR	ARR		Santos		

### Theory (THEORY)

990	Diss-Precand						1.00-8.00	ADVISORY
	I IND +		ARR	ARR				
995	Diss-Cand						8.00	ENFORCED
	IR IND +		ARR	ARR				

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

## Theatre And Drama

### Theatre & Drama (THTREMUS)

995	Diss-Cand R IND +			ARR	ARR		8.00	ENFORCED	
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# Natural Resources&Environment

## Sch Of Nat Resources & Environ

### Natural Resources And Environment (NRE)

499	Senior Honors Thesis							
	IND +		ARR	ARR			1.00-6.00	ADVISORY
598	N R Internship-Gr							
	IND +		ARR	ARR			1.00-3.00	ADVISORY
600	Dir Res&Sp Prob-Gr							
	IND +		ARR	ARR			1.00-8.00	ADVISORY
700	Masters Thes Pract							
	IND +		ARR	ARR			1.00-6.00	ADVISORY
990	Diss-Precand							
	IND +		ARR	ARR			1.00-8.00	ADVISORY
995	Diss-Cand							
	IR IND +		ARR	ARR			8.00	ENFORCED

# Nursing

## School Of Nursing

### Nursing (NURS)

<b>499</b>	<b>Independent Study</b>			<b>1.00-5.00</b>	<b>ADVISORY</b>
	I IND +	ARR	ARR		
<b>502</b>	<b>Adv Phys&amp;Pathophys</b>			<b>4.00</b>	
62629	P LEC 001 W	3-7PM	1240 SNB	O'Grady	
This course will meet weekly in rooms 1230/1240 at the School of Nursing.					
<b>503</b>	<b>Adv Hlth Assess</b>			<b>3.00</b>	<b>ADVISORY</b>
62164	A LEC 001 T	9-10AM	ARR	Boucher, Kuzma	<b>230.00</b>
This course will meet in rooms 1230/1240 at the School of Nursing. Please contact the course instructors for weekly meeting times.					
62165	P LAB 002 T	10-2PM	ARR	Dahlem, Kuzma	
Primary Care Family Nurse Practitioner and NMW/FNP students.					
62536	P LAB 003 T	10-2PM	ARR	Bigelow	
Adult-Gerontology Primary Care Nurse Practitioner (AGPCNP) students.					
62537	P LAB 004 T	10-2PM	ARR	O'Grady	
Nurse Midwife Program Students					
62538	P LAB 005 T	10-2PM	ARR	Boucher	
Primary Care Pediatric Nurse Practitioner and NMW/PCPNP students					
<b>536</b>	<b>Util of Nurs Res</b>			<b>3.00</b>	<b>ADVISORY</b>
61232	P R LEC 001 TH	9-12PM	ARR	Katapodi	
Web-blended course. On campus meeting days are Thursdays (5/8, 6/5, 6/26, 7/24) from 9am-12pm. The class meets in room 1230/1240 at the School of Nursing. Prerequisite: Approved undergraduate statistics course, completion (or concurrent) with N603. Some classes will have additional meeting times for discussions, chats and Centra sessions, check the course syllabus for more information. Please email sn-osamsadvisors@umich.edu to request an override. You must provide your UM ID number in the email request.					
<b>572</b>	<b>Cur&amp;Emerg Iss Occu</b>			<b>2.00</b>	<b>ADVISORY</b>
63246	P LEC 001 TH	9-1PM	ARR	McCullagh	
This is a web-blended course that will meet on campus during the month of May. The on campus meetings are in room 3152 at the School of Nursing. The seminar in May will be front loaded and have additional meeting times.					
<b>577</b>	<b>AGAPN Clin Pract I</b>			<b>3.00</b>	<b>ADVISORY</b>
62627	A SEM 001 TH	1-3PM	ARR	Blush	
This course will meet weekly in rooms 1230/1240 at the School of Nursing.					
62628	P CLN 002	ARR	ARR	Blush, Lee-Ekblad, Timmerman, Mason	
63044	P CLN 003	ARR	ARR	Blush, Lee-Ekblad, Timmerman, Mason	
<b>579</b>	<b>AGAPN Clin Prac II</b>			<b>3.00</b>	<b>ADVISORY, ENFORCED</b>
62262	A R SEM 001 TH	1-3PM	ARR	Blush	
Class meets with N577. This course will meet weekly in rooms 1230/1240 at the School of Nursing.					
62264	P R CLN 002	ARR	ARR	Blush, Lee-Ekblad, Timmerman, Mason	
63045	P R CLN 003	ARR	ARR	Blush, Lee-Ekblad, Timmerman, Mason	
<b>603</b>	<b>Data Management</b>			<b>2.00</b>	<b>ADVISORY</b>
61233	P R LEC 001 TH	330-530PM	ARR	Anderson, Katapodi	
Web-blended course. On campus meeting days are Thursdays (5/8, 6/5, 6/26, 7/24) from 3:30-5:30pm. The course meets in room 1230/1240 at the School of Nursing. Prerequisite: Approved undergraduate statistics course; completion (or concurrent) with N536 or permission of instructor. Please email sn-osamsadvisors@umich.edu for an override and include your UM ID number in the request.					
<b>611</b>	<b>AGAPN Clin Prac III</b>			<b>1.00-4.00</b>	<b>ADVISORY, ENFORCED</b>
62624	P R CLN 001	ARR	ARR	Blush, Timmerman, Lee-Ekblad	
62540	P R CLN 002	ARR	ARR	Blush, Timmerman, Lee-Ekblad	
<b>637</b>	<b>Acute Peds Clin I</b>			<b>3.00</b>	<b>ENFORCED</b>
63287	A R SEM 001 W	3-5PM	ARR	Nelson	
This course will meet in room 3152 at the School of Nursing.					
63288	P R CLN 002	ARR	ARR	Nelson	
<b>653</b>	<b>Nurs Syst Internship</b>			<b>3.00</b>	<b>ADVISORY</b>
60410	P R SEM 001 TH	1-1AM	ARR	Tschannen	
Web-blended course. The first on campus meeting for this course is Thursday 5/8 from 1-3pm. This meeting will be in room 3152 at the School of Nursing. There will one additional on campus date still TBD in August. This class has a mandatory online component which requires attendance. Students must have an instructor approved preceptor lined up prior to the start of the class. Preceptor information must be shared with instructor (Dr. Tschannen, djvs@umich.edu) at least two weeks prior to the first day of class.					
<b>695</b>	<b>Selected Topics</b>			<b>1.00-4.00</b>	<b>ADVISORY</b>
	I IND +	ARR	ARR		
<b>697</b>	<b>Independent Studies</b>			<b>1.00-4.00</b>	<b>ADVISORY</b>
	I IND +	ARR	ARR		
<b>699</b>	<b>Nrs Scholarly Proj</b>			<b>1.00-8.00</b>	<b>ADVISORY</b>
If total accumulated credits for Nurs 699 are more than 2, students must have permission of Academic Advisor and Research Area Faculty member.					
	I IND +	ARR	ARR		
<b>795</b>	<b>Spec Topics Nursing</b>			<b>1.00-3.00</b>	<b>ADVISORY</b>
	I IND +	ARR	ARR		
<b>797</b>	<b>Independent Study</b>			<b>1.00-3.00</b>	<b>ADVISORY</b>

CAT#	Course Title	CR	PREREQ	LAB FEE
Class #	CODE CMP SEC DAYS	INSTRUCTOR		
	TIME	LOCATION		
<b>883</b>	I IND + <b>Topics Bio-Behavior</b>	ARR	ARR	<b>3.00 ADVISORY</b>
<b>910</b>	I IND + <b>Translation Implemen</b>	ARR	ARR	<b>3.00</b>
62636	P SEM 001 F	9-12PM	ARR	Strobbe, Titler
N910 will meet in classroom 1180 at the School of Nursing. The class will meet on campus four Fridays (5/9, 6/6, 6/27, 7/25) from 9am-12pm.				
<b>950</b>	<b>DNP Residency</b>			<b>1.00-6.00 ADVISORY</b>
62879	PD LAB 004	ARR	ARR	Struble
63485	PI LAB 020	ARR	ARR	Marvicsin
63168	PI LAB 021	ARR	ARR	Low
63148	PD LAB 029	ARR	ARR	Aebersold
63138	PD LAB 041	ARR	ARR	Ziemba
63486	PI LAB 053	ARR	ARR	Strobbe
63015	PD LAB 098	ARR	ARR	Pardee
63483	PI LAB 117	ARR	ARR	Hagerty
62881	PD LAB 143	ARR	ARR	Redman
63484	PI LAB 178	ARR	ARR	Anderson
63482	PI LAB 186	ARR	ARR	Manojlovich
62880	PD LAB 205	ARR	ARR	Aebersold
<b>955</b>	<b>Scholarly Project</b>			<b>1.00-6.00 ADVISORY</b>
<b>990</b>	I IND + <b>Diss-Precand</b>	ARR	ARR	<b>1.00-8.00 ADVISORY</b>
<b>995</b>	I IND + <b>Diss-Cand</b>	ARR	ARR	<b>8.00 ENFORCED</b>
	R IND +	ARR	ARR	

## Pharmacy College Of Pharmacy

### Medicinal Chemistry (MEDCHEM)

570	Research IND +		ARR	ARR		1.00-6.00	ADVISORY
573	Investig Med Chem I IND +		ARR	ARR		1.00-6.00	ADVISORY
940	Adv Research Sem P SEM 001	60419	ARR	ARR	Coward	1.00	ADVISORY
990	Diss-Precand I IND +		ARR	ARR		1.00-8.00	ADVISORY
995	Diss-Cand IR IND +		ARR	ARR		8.00	ENFORCED

### Pharmacy (PHARMACY)

569	PharmD Investigation I IND +		ARR	ARR		1.50	ADVISORY
570	Research IND +		ARR	ARR		1.00-6.00	ADVISORY
680	Pharm D Sem PD SEM 001 F	63212	12-5PM	1544 CCL	Park	1.00	ADVISORY
687	Adv Pharm Prac Exp 1 P LAB 001	62640	ARR	ARR	Walker	4.00	ADVISORY
688	Adv Pharm Prac Exp 2 P LAB 001	62641	ARR	ARR	Walker	4.00	ADVISORY
689	Adv Pharm Prac Exp 3 P LAB 001	62642	ARR	ARR	Walker	4.00	ADVISORY
690	Adv Pharm Prac Exp 4 PD LAB 001	63213	ARR	ARR	Walker	4.00	ADVISORY
692	Adv Pharm Prac Exp 6 PD LAB 001	63272	ARR	ARR	Walker	4.00	ADVISORY
694	Adv Pharm Prac Exp 8 P LAB 001	62980	ARR	ARR	Walker	4.00	ADVISORY
695	Adv Pharm Prac Exp 9 P LAB 001	62981	ARR	ARR	Walker	4.00	ADVISORY
990	Diss-Precand I IND +		ARR	ARR		1.00-8.00	ADVISORY
995	Diss-Cand IR IND +		ARR	ARR		8.00	ENFORCED

### Pharmaceutical Chemistry (PHARMCHM)

571	Investig Pharm Anal I IND +		ARR	ARR		1.00-6.00	ADVISORY
990	Diss-Precand I IND +		ARR	ARR		1.00-8.00	ADVISORY
995	Diss-Cand IR IND +		ARR	ARR		8.00	ENFORCED

### Pharmacognosy (PHARMCOG)

572	Investig Pharmacog I IND +		ARR	ARR		1.00-6.00	ADVISORY
990	Diss-Precand I IND +		ARR	ARR		1.00-8.00	ADVISORY
995	Diss-Cand IR IND +		ARR	ARR		8.00	ENFORCED

### Pharmaceutical Sciences (PHARMSCI)

568	Investigations I IND +		ARR	ARR		1.00-6.00	ADVISORY
570	Research IND +		ARR	ARR		1.00-6.00	ADVISORY
990	Diss-Precand I IND +		ARR	ARR		1.00-8.00	ADVISORY
995	Diss-Cand IR IND +		ARR	ARR		8.00	ENFORCED

### Social and Administrative Sciences (SOCADMIN)

570	Research IND +		ARR	ARR		1.00-6.00	
574	Invest Pharm Admin I IND +		ARR	ARR		1.00-6.00	ADVISORY
990	Diss-Precand I IND +		ARR	ARR		1.00-8.00	ADVISORY
995	Diss-Cand R IND +		ARR	ARR		8.00	ENFORCED

# Public Health

## Biostatistics Department

### Biostatistics (BIOSTAT)

513	Regression Analysis					3.00		ADVISORY
61605	P LEC 888		ARR	ARR		Sanchez		
578	Practical Training					1.00-4.00		
	I IND +		ARR	ARR				
610	Readings in Biostat					1.00-4.00		ADVISORY
	I IND +		ARR	ARR				
820	Readings in Biostat					1.00-4.00		ADVISORY
	IR IND +		ARR	ARR				
990	Diss-Precand					1.00-8.00		ADVISORY
	IR IND +		ARR	ARR				
995	Diss-Cand					8.00		ENFORCED
	IR IND +		ARR	ARR				



## Environmental Health Sciences

### Environmental Health Sciences (EHS)

697	<b>Readings</b>							
	IR IND +		ARR	ARR			1.00-3.00	ADVISORY
698	<b>Research</b>							
	IRW IND +		ARR	ARR			1.00-6.00	ADVISORY
699	<b>Masters Thesis</b>							
	IR IND +		ARR	ARR			1.00	ADVISORY
899	<b>Adv Research</b>							
	IR IND +		ARR	ARR			1.00-6.00	ADVISORY
990	<b>Diss-Precand</b>							
	IR IND +		ARR	ARR			1.00-8.00	ADVISORY
995	<b>Diss-Cand</b>							
	IR IND +		ARR	ARR			8.00	ENFORCED

## Epidemiology Department

### Epidemiology (EPID)

299	Independent Research D IND +		ARR	ARR			1.00-3.00	
399	Independent Research R IND +		ARR	ARR			1.00-3.00	ADVISORY, ENFORCED
532	Adv Parasitol Lab R IND +		ARR	ARR			2.00-6.00	ADVISORY
546	Adv Virology IR IND +		ARR	ARR			2.00-6.00	ADVISORY
562	Adv Bacteriol Lab IR IND +		ARR	ARR			2.00-6.00	ADVISORY
565	Res Hosp&Molecular IR IND +		ARR	ARR			1.00-6.00	ADVISORY
624	Readings in Epid IR IND +		ARR	ARR			1.00-3.00	ADVISORY
659	Applicatns of Epid IR IND +		ARR	ARR			2.00-4.00	ADVISORY
890	Doct Sem in Epid IR IND +		ARR	ARR			2.00	ADVISORY
970	Research Epid IR IND +		ARR	ARR			1.00-8.00	ADVISORY
974	Res Epid Science IR IND +		ARR	ARR			2.00-6.00	ADVISORY
990	Diss-Precand IR IND +		ARR	ARR			1.00-8.00	ADVISORY
995	Diss-Cand R IND +		ARR	ARR			8.00	ENFORCED

## Health Management And Policy

### Health Management And Policy (HMP)

<b>540</b>	<b>Legal/Ethical Res</b>				<b>2.00-3.00</b>	<b>ADVISORY</b>
61354	PI LEC 333	ARR	ARR			
<b>606</b>	<b>Mgt Acctg H C Admin</b>				<b>3.00</b>	<b>ADVISORY</b>
63106	PD LEC 777	ARR	ARR	Smith		
<b>615</b>	<b>Intro Pub Hlth Pol</b>				<b>1.00-4.00</b>	
63107	PD LEC 777	ARR	ARR	Bowman		
<b>654</b>	<b>Oper&amp;Control Syst</b>				<b>3.00</b>	<b>ADVISORY</b>
63108	PD LEC 777	ARR	ARR	Mendez		
<b>668</b>	<b>Health Informatics</b>				<b>3.00</b>	<b>ADVISORY</b>
63259	PD LEC 777	ARR	ARR	Zheng		
<b>682</b>	<b>Case Study Hlt Serv</b>				<b>3.00</b>	<b>ADVISORY</b>
62877	PD SEM 777	ARR	ARR	Grazier		
<b>815</b>	<b>Readings</b>				<b>1.00-4.00</b>	<b>ADVISORY</b>
	IR IND +	ARR	ARR			
<b>833</b>	<b>Research Topics</b>				<b>3.00</b>	<b>ADVISORY</b>
	R IND +	ARR	ARR			
<b>835</b>	<b>Research Practicum</b>				<b>3.00-6.00</b>	<b>ADVISORY</b>
	IR IND +	ARR	ARR			
<b>990</b>	<b>Diss-Precand</b>				<b>1.00-8.00</b>	<b>ADVISORY</b>
	IR IND +	ARR	ARR			
<b>995</b>	<b>Diss-Cand</b>				<b>8.00</b>	<b>ENFORCED</b>
	IR IND +	ARR	ARR			

## Health Behavior & Health Education Department

### Health Behavior And Health Education (HBEHED)

625	Research Hlth Behav					2.00-4.00	ADVISORY	
	IR IND +		ARR	ARR				
644	Readings H Beh-Educ					1.00-6.00	ADVISORY	
	IR IND +		ARR	ARR				
699	HBHE Capstone Yr2					1.00-2.00	ADVISORY	
63699	PD LEC 001		ARR	ARR		Willard, Johns		
900	Research					2.00-6.00	ADVISORY	
	IR IND +		ARR	ARR				
990	Diss-Precand					1.00-8.00	ADVISORY	
	IR IND +		ARR	ARR				
995	Diss-Cand					8.00	ENFORCED	
	IR IND +		ARR	ARR				

# Public Policy

## School Of Public Policy

### Public Policy (PUBPOL)

700	Directed Research I IND +		ARR	ARR		1.00-6.00	ADVISORY	
990	Diss-Precand I IND +		ARR	ARR		1.00-8.00	ADVISORY	
995	Diss-Cand IR IND +		ARR	ARR		8.00	ENFORCED	

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

## Rackham Graduate School

### Chemical Biology (CHEMBIO)

599	Research Rotation						1.00-6.00	
62296	PD LAB 001		ARR	ARR			Mapp	
995	Diss-Cand						8.00	ENFORCED
	DR IND +		ARR	ARR				

### Museum Studies (MSP)

609	Museum Practicum						1.00-6.00	ADVISORY
	I IND +		ARR	ARR				

# 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)

593	Management Acctg				2.25	ADVISORY	
62150	P REC 001	MTTHF	830-330PM	R2240 BUS	Lanen		
593	Management Acctg				2.25	ADVISORY	
	P REC 001	W	830-330PM	R2240 BUS			
	P REC 001	F	830-11AM	R2240 BUS			
This course is reserved for Global MBA students only.							
750	Indep Study Project				1.00-3.00	ADVISORY	
	I IND +		ARR	ARR			
900	Special Research				1.00-6.00		
	I IND +		ARR	ARR			
990	Diss-Precand				1.00-8.00	ADVISORY	
	I IND +		ARR	ARR			
995	Diss-Cand				8.00	ENFORCED	
	IR IND +		ARR	ARR			

### Business Administration (BA)

399	Indep Study Project				1.00-3.00	
	I IND +		ARR	ARR		
750	Indep Study Project				1.00-3.00	ADVISORY
	I IND +		ARR	ARR		

### Business Economics And Public Policy (BE)

750	Indep Study Project				1.00-3.00	ADVISORY
	I IND +		ARR	ARR		
900	Special Research				1.00-6.00	ADVISORY
	I IND +		ARR	ARR		
990	Diss-Precand				1.00-8.00	ADVISORY
	I IND +		ARR	ARR		
995	Diss-Cand				8.00	ENFORCED
	IR IND +		ARR	ARR		

### Executive Master of Business Administration (EMBA)

605	Fin Statement Analy				3.00	ADVISORY	
63034	P REC 001		ARR	ARR	Lehavy		
This course is reserved for Executive MBA students only.							
63038	P REC 812		ARR	ARR	Lehavy		
This course is reserved for Executive MBA students only.							
615	Meas Contrl Org Perf				1.50	ADVISORY	
63035	P REC 001		ARR	ARR	Klemstine		
This course is reserved for Executive MBA students only.							
63039	P REC 812		ARR	ARR	Indjejkian		
This course is reserved for Executive MBA students only.							
627	Corp Fin Strategy				1.50	ADVISORY	
61678	P REC 001		ARR	ARR	Seyhun		
This course is reserved for Executive MBA students only.							
63040	P REC 812		ARR	ARR	Seyhun		
This course is reserved for Executive MBA students only.							
630	Strat Mkt Planning				3.00	ADVISORY	
63036	P REC 001		ARR	ARR	Kinnear		
This course is reserved for Executive MBA students only.							
63041	P REC 812		ARR	ARR	Ramanathan		
This course is reserved for Executive MBA students only.							
632	Lead Orgztl Change				1.50	ADVISORY	
63037	P REC 001		ARR	ARR	Burks		
This course is reserved for Executive MBA students only.							
63042	P REC 812		ARR	ARR	Burks		
This course is reserved for Executive MBA students only.							

### Entrepreneurial Studies (ES)

589	Pract: Actualization				3.00	
63053	P REC 001		ARR	ARR	Kinnear, Middleton	

### Finance (FIN)

591	Financial Mgmt				2.25	ADVISORY	
63032	P REC 001	MTWF	830-330PM	R1240 BUS	Kim		
591	Financial Mgmt				2.25	ADVISORY	
	P REC 001	F	830-11AM	R1240 BUS			
This course is reserved for Global MBA students only.							
750	Indep Study Project				1.00-3.00	ADVISORY	
	I IND +		ARR	ARR			

CAT# Class #	Course Title CODE CMP SEC	DAYS	TIME	LOCATION	CR INSTRUCTOR	PREREQ	LAB FEE
900	Special Research I IND +		ARR	ARR	1.00-6.00	ADVISORY	
990	Diss-Precand I IND +		ARR	ARR	1.00-8.00	ADVISORY	
995	Diss-Cand R IND +		ARR	ARR	8.00	ENFORCED	
<b>Marketing (MKT)</b>							
591	Marketing Mngmt 62151 P REC 001	MTTHF	830-330PM	R1240 BUS	2.25 Manchanda	ADVISORY	
591	Marketing Mngmt P REC 001	W	830-330PM	R1240 BUS	2.25	ADVISORY	
This course is reserved for Global MBA students only.							
750	Indep Study Project I IND +		ARR	ARR	1.00-3.00	ADVISORY	
900	Special Research I IND +		ARR	ARR	1.00-6.00	ADVISORY	
990	Diss-Precand I IND +		ARR	ARR	1.00-8.00	ADVISORY	
995	Diss-Cand IR IND +		ARR	ARR	8.00	ENFORCED	
<b>Management and Organizations (MO)</b>							
593	Hum Behav&Orgnzt 62152 P REC 001		ARR	ARR	2.25 Tichy	ADVISORY	
This course is reserved for Global MBA students only.							
594	Benchmarking 63535 P R REC 001		ARR	ARR	1.00 Tichy	ADVISORY, ENFORCED	
Silicon Valley MO 594 is an elective for students in the Global MBA program at the Ross School of Business.							
750	Indep Study Project I IND +		ARR	ARR	1.00-3.00	ADVISORY	
900	Special Research I IND +		ARR	ARR	1.00-6.00	ADVISORY	
990	Diss-Precand I IND +		ARR	ARR	1.00-8.00	ADVISORY	
995	Diss-Cand IR IND +		ARR	ARR	8.00	ENFORCED	
<b>Strategy (STRATEGY)</b>							
425	ABIS 62512 PI REC 001		ARR	ARR	1.00 Tsai		
591	Corporate Strategy 62153 P REC 001		ARR	ARR	2.25 Jensen	ADVISORY	
This course is reserved for Global MBA students only.							
750	Indep Study Project I IND +		ARR	ARR	1.00-3.00		
900	Doctoral Research I IND +		ARR	ARR	1.00-6.00		
990	Diss-Precand I IND +		ARR	ARR	1.00-8.00		
995	Diss-Cand R IND +		ARR	ARR	8.00	ENFORCED	
<b>Technology and Operations (TO)</b>							
593	Operations Mgt 63054 P REC 001	MTTHF	830-330PM	R2240 BUS	2.25 Beil	ADVISORY	
593	Operations Mgt P REC 001	W	830-330PM	R2240 BUS	2.25	ADVISORY	
	P REC 001	M	830-11AM	R2240 BUS			
This course is reserved for Global MBA students only..							
995	Diss-Candidacy IR IND +		ARR	ARR	8.00	ADVISORY, ENFORCED	
<b>Weekend Master of Business Administration (WMBA)</b>							
501	Prin Fin Acc 62257 P REC 001	F	4-9PM	R1210 BUS	2.25 Wright		
501	Prin Fin Acc P REC 001	SA	9-5PM	R1210 BUS	2.25		
	P REC 001	SA	9-5PM	R1210 BUS			
	P REC 001	F	4-9PM	R1210 BUS			
	P REC 001	F	4-9PM	R1210 BUS			
	P REC 001	F	4-9PM	R2220 BUS			
	P REC 001	SA	9-5PM	R2220 BUS			
	P REC 001	TH	8-6PM	R2220 BUS			
This course is reserved for Weekend MBA students only.							
502	Appl Microecon 62258 P REC 001	F	4-9PM	R1220 BUS	2.25 Clyde		
502	Appl Microecon				2.25		



CAT# Class #	Course Title CODE CMP SEC	DAYS	TIME	LOCATION	CR INSTRUCTOR	PREREQ	LAB FEE
	P REC 001	SA	9-5PM	R1220 BUS			
	P REC 001	F	4-9PM	R1220 BUS			
	P REC 001	F	4-9PM	R1220 BUS			
	P REC 001	SA	9-5PM	R1220 BUS			
	P REC 001	F	4-9PM	R0210 BUS			
	P REC 001	SA	9-5PM	R0210 BUS			
	P REC 001	TH	8-6PM	R0210 BUS			
This course is reserved for Weekend MBA students only.							
<b>503</b>	<b>Appl Bus Stat</b>						<b>2.25</b>
62259	P REC 001	F	4-9PM	R1230 BUS		Beer	<b>2.25</b>
<b>503</b>	<b>Appl Bus Stat</b>						<b>2.25</b>
	P REC 001	SA	9-5PM	R1230 BUS			
	P REC 001	F	4-9PM	R1230 BUS			
	P REC 001	F	4-9PM	R1230 BUS			
	P REC 001	SA	9-5PM	R1230 BUS			
	P REC 001	F	4-9PM	R0220 BUS			
	P REC 001	SA	9-5PM	R0220 BUS			
	P REC 001	TH	8-6PM	R0220 BUS			
This course is reserved for Weekend MBA students only.							
<b>504</b>	<b>Marketing Mngmt</b>						<b>2.25</b>
62260	P REC 001	F	4-9PM	R1240 BUS		Branch	<b>2.25</b>
<b>504</b>	<b>Marketing Mngmt</b>						<b>2.25</b>
	P REC 001	F	4-9PM	R1240 BUS			
	P REC 001	F	4-9PM	R1240 BUS			
	P REC 001	TH	8-6PM	R2240 BUS			
This course is reserved for Weekend MBA students only.							
<b>601</b>	<b>Strat Mktg Plan</b>						<b>2.25</b> <b>ADVISORY</b>
62514	P REC 001	ARR		ARR		Kinnear	
This course is reserved for Weekend MBA students only.							
<b>602</b>	<b>Strategies-Growth</b>						<b>2.25</b> <b>ADVISORY</b>
62515	P REC 001	ARR		ARR		Karnani	
This course is reserved for Weekend MBA students only.							
<b>603</b>	<b>Valuation</b>						<b>2.25</b> <b>ADVISORY</b>
62527	P REC 001	ARR		ARR		Seyhun	
This course is reserved for Weekend MBA students only.							
<b>604</b>	<b>Leadership Developmt</b>						<b>2.25</b> <b>ADVISORY</b>
62516	P REC 001	SA	9-510PM	R0320 BUS		Ashford	
<b>604</b>	<b>Leadership Developmt</b>						<b>2.25</b> <b>ADVISORY</b>
	P REC 001	SA	9-510PM	R0320 BUS			
	P REC 001	SA	9-510PM	R0320 BUS			
This course is reserved for Weekend MBA students only.							
<b>606</b>	<b>Entrepreneurship</b>						<b>2.25</b>
63461	P REC 001	ARR		ARR		Price	
WMBA 606 is reserved for WMBA students taking Entrepreneurship themed courses.							
<b>607</b>	<b>Strat Mrktng Entrep</b>						<b>2.25</b>
63498	P REC 001	ARR		ARR		Kinnear	
<b>608</b>	<b>Venture Capital</b>						<b>2.25</b>
63478	P REC 001	ARR		ARR		Brophy	
This course is for WMBA students in the Entrepreneurship theme.							
<b>609</b>	<b>Leading Teams</b>						<b>2.25</b> <b>ENFORCED</b>
63245	P R REC 001	ARR		ARR		Caproni	
This course is reserved for Weekend MBA students only.							

# Social Work

## School Of Social Work

### Social Work (SW)

515	Fndtn Fld Instructn					1.00-2.00		
	IND +		ARR	ARR				
517	Spec Studies Aging					1.00-4.00	ADVISORY	
	IND +		ARR	ARR				
518	Spec Studies Aging					1.00-4.00	ADVISORY	
	IND +		ARR	ARR				
519	Spec Stds Hum Behav					1.00-4.00	ADVISORY	
	IND +		ARR	ARR				
520	Spec Stdy Hum Behav					1.00-4.00	ADVISORY	
	IND +		ARR	ARR				
523	Spec Stds Inperprac					1.00-4.00	ADVISORY	
	IND +		ARR	ARR				
524	Spec Stds Inperprac					1.00-4.00	ADVISORY	
	IND +		ARR	ARR				
525	Spec Stds Chld&Yth					1.00-4.00	ADVISORY	
	IND +		ARR	ARR				
526	Spec Stds Chld&Yth					1.00-4.00	ADVISORY	
	IND +		ARR	ARR				
528	Spec Stds in Global					1.00-4.00		
	IND +		ARR	ARR				
532	Spec Stds Health					1.00-4.00	ADVISORY	
	IND +		ARR	ARR				
533	Spec Stds Health					1.00-4.00	ADVISORY	
	IND +		ARR	ARR				
546	Spec Stds SWPS					1.00-4.00	ADVISORY	
	IND +		ARR	ARR				
547	Spec Stds SWPS					1.00-4.00	ADVISORY	
	IND +		ARR	ARR				
553	Spec Stds Comm Org					1.00-4.00	ADVISORY	
	IND +		ARR	ARR				
554	Spec Stds Comm Org					1.00-4.00	ADVISORY	
	IND +		ARR	ARR				
555	Spec Stds Comm & SS					1.00-4.00	ADVISORY	
	IND +		ARR	ARR				
556	Spec Stds Comm & SS					1.00-4.00	ADVISORY	
	IND +		ARR	ARR				
566	Spec Stds Mgt Hum S					1.00-4.00	ADVISORY	
	IND +		ARR	ARR				
567	Spec Stds Mgt Hum S					1.00-4.00	ADVISORY	
	IND +		ARR	ARR				
576	Spec Stds Pol&Eval					1.00-4.00	ADVISORY	
	IND +		ARR	ARR				
577	Spec Stds Pol&Eval					1.00-4.00	ADVISORY	
	IND +		ARR	ARR				
581	Spec Stds Mntl Hlth					1.00-4.00	ADVISORY	
	IND +		ARR	ARR				
582	Spec Stds Mntl Hlth					1.00-4.00	ADVISORY	
	IND +		ARR	ARR				
583	Spec Stdy Research					1.00-4.00	ADVISORY	
	IND +		ARR	ARR				
584	Spec Stdy Research					1.00-4.00	ADVISORY	
	IND +		ARR	ARR				
586	Spec Studies Eval					1.00-4.00	ADVISORY	
	IND +		ARR	ARR				
587	Spec Studies Eval					1.00-4.00	ADVISORY	
	IND +		ARR	ARR				
598	Spec Stdy Soc Work					1.00-4.00	ADVISORY	
	IND +		ARR	ARR				
599	Spec Stdy Soc Work					1.00-4.00	ADVISORY	
	IND +		ARR	ARR				
611	Soc Chng Theories					3.00	ADVISORY, ENFORCED	
63085	P R LEC 001 M		8-12PM	2752 SSWB	Brady			
612	Mentl Hlt&Disor Chl					3.00	ADVISORY, ENFORCED	
60488	P R LEC 001 T		8-12PM	B760 SSWB	Stauffer			
617	Death, Loss&Grief					3.00	ENFORCED	
60490	P R LEC 001 T		8-12PM	3460 MH	Mattison			
623	Pract with Families					3.00	ADVISORY, ENFORCED	
60493	P R LEC 001 M		1-5PM	2752 SSWB	Adlaf			
60494	P R LEC 002 T		8-12PM	3752 SSWB	Weissman			
624	Inperprac-Groups					3.00	ADVISORY, ENFORCED	
60495	P R LEC 001 M		1-5PM	3816 SSWB	Ortega			
62154	P R LEC 002 T		8-12PM	2816 SSWB	Tolman			
625	Child & Youth					3.00	ADVISORY, ENFORCED	

CAT# Class #	Course Title CODE CMP SEC	DAYS	TIME	LOCATION	CR INSTRUCTOR	PREREQ	LAB FEE
60496	P R LEC 001	M	1-5PM	B798 SSWB	Sanders		
61677	P R LEC 002	T	8-12PM	3816 SSWB	Fischer		
62530	P R LEC 003	T	1-5PM	2816 SSWB	Brydon		
<b>628</b>	<b>IP - Adult Indiv</b>				<b>3.00</b>	<b>ADVISORY, ENFORCED</b>	
60497	P R LEC 001	M	1-5PM	B760 SSWB	Chute		
62155	P R LEC 002	T	6-10PM	2752 SSWB	Crane		
<b>629</b>	<b>Schl SWorker Interv</b>				<b>3.00</b>		
63188	P R LEC 001	T	6-10PM	3752 SSWB	Sherman		
<b>631</b>	<b>Web Int Lrn &amp; e-Port</b>				<b>1.00</b>	<b>ADVISORY</b>	
63218	P R SEM 001		ARR	ARR	Ruffolo		
This class will be delivered via the web. There will be two sessions requiring live participation. Students will be required to participate live by joining the webinars on May 21 and July 16 12:00-2:00 p.m. . The rest of the schedule is arranged.							
<b>632</b>	<b>Clin Schl Int Sem I</b>				<b>1.00</b>	<b>ADVISORY</b>	
63091	PD SEM 001		ARR	ARR	Ruffolo, Voshel		
Clinical Scholars only. Consult with course instructor on meeting times and location.							
<b>642</b>	<b>Sch SWorker Pol Serv</b>				<b>3.00</b>	<b>ADVISORY, ENFORCED</b>	
60511	P R LEC 001	M	6-10PM	3752 SSWB	Sherman		
<b>650</b>	<b>Community Developmt</b>				<b>3.00</b>	<b>ADVISORY, ENFORCED</b>	
61676	P R LEC 001	M	1-5PM	2816 SSWB	Brady		
<b>663</b>	<b>Grant,Contr&amp;Fundr</b>				<b>3.00</b>	<b>ADVISORY, ENFORCED</b>	
60500	P R LEC 001	M	1-5PM	B770 SSWB	Cabin		
<b>664</b>	<b>Mgt Hum Resources</b>				<b>3.00</b>	<b>ADVISORY, ENFORCED</b>	
61547	P R LEC 001	T	8-12PM	2752 SSWB	Schmall		
<b>671</b>	<b>Soc Pol Dev&amp;Enactmt</b>				<b>3.00</b>	<b>ADVISORY, ENFORCED</b>	
62513	P R LEC 001	M	8-12PM	B760 SSWB	Tropman		
<b>674</b>	<b>Com-Based Pol Advoc</b>				<b>3.00</b>	<b>ADVISORY, ENFORCED</b>	
63043	P R LEC 001	M	1-5PM	1804 SSWB	Glenn		
<b>683</b>	<b>Eval In Social Work</b>				<b>3.00</b>	<b>ADVISORY, ENFORCED</b>	
60503	P R LEC 001	M	1-5PM	3752 SSWB	Weaver		
61445	P R LEC 002	T	1-5PM	2752 SSWB	Delva		
62564	P R LEC 003	T	1-5PM	3816 SSWB	Okasinski		
<b>685</b>	<b>Meth Prog Eval</b>				<b>3.00</b>	<b>ADVISORY, ENFORCED</b>	
63206	P R LEC 001	T	8-12PM	2609 SSWB	Savas		
<b>686</b>	<b>IHLC Res Practicum</b>				<b>2.00</b>		
63210	PD SEM 001		ARR	ARR	Zebrack, Grogan-Kaylor		
This course is restricted to the Integrated Health Scholars. Meeting times/location should be discussed with the course instructor(s).							
<b>691</b>	<b>Adv Field Instructn</b>				<b>1.00-12.00</b>	<b>ADVISORY</b>	
	I IND +		ARR	ARR			
<b>696</b>	<b>Practice Child&amp;Yth</b>				<b>3.00</b>	<b>ADVISORY, ENFORCED</b>	
61021	P R LEC 001	M	8-12PM	B798 SSWB	Ribaldo		
61022	P R LEC 002	M	8-12PM	2816 SSWB	Sanders		
61546	P R LEC 003	T	8-12PM	1804 SSWB	Sanders		
<b>698</b>	<b>Pract Mental Health</b>				<b>3.00</b>	<b>ADVISORY, ENFORCED</b>	
61023	P R LEC 001	M	8-12PM	3752 SSWB	Weissman		
Clinical Scholars should enroll in this section. This section is open to all SW students with a Mental Health concentration but will have more of an emphasis on children.							
61024	P R LEC 002	M	8-12PM	3816 SSWB	Glenn		
61675	P R LEC 003	T	8-12PM	B770 SSWB	Crane		
<b>699</b>	<b>SW Prac Health Promo</b>				<b>3.00</b>	<b>ADVISORY, ENFORCED</b>	
61025	P R LEC 001	M	8-12PM	B770 SSWB	Schmall		
<b>709</b>	<b>Dialog Facil Soc Jus</b>				<b>3.00</b>	<b>ADVISORY, ENFORCED</b>	
62633	P R LEC 001	T	1-5PM	3752 SSWB	Dessel, Corvidae		
<b>713</b>	<b>Adv Topics in Soc Wk</b>				<b>3.00</b>		
63217	P R LEC 001	T	1-5PM	B770 SSWB	Ribaldo		
Skills for Child Play Therapy							
<b>790</b>	<b>Adv Topics in IP</b>				<b>1.00</b>		
61551	P R SEM 001	W	9-5PM	2752 SSWB	Smith		
Curr Treatmt Trauma Survivors							
61680	P R SEM 002	TH	9-5PM	2816 SSWB	Siefert		
Soc Wk&the Animal Human Bond							
61679	P R SEM 003	F	9-5PM	2816 SSWB	Spencer		
Workg w/Indiv w/Dementia & Fam							
62269	P R SEM 004	THF	9-5PM	B760 SSWB	Heap		
Bas Skills for Dial Behav Ther							
62271	P R SEM 005	W	9-5PM	2752 SSWB	Smith		
Curr Treatmt Trauma Survivors							
62635	P R SEM 006	THF	9-5PM	2816 SSWB	Svensson		
Fam Psychoed-Support Networks							
62892	P R SEM 007	FSA	9-5PM	2752 SSWB	Haas		
Bas Skills for Dial Behav Ther							
63084	P R SEM 008	FSA	9-5PM	3816 SSWB	Momper		
Str En & Ret Ski Wk Hgh Nd Yth							
Clinical Scholars need to enroll in this mini course.							
63205	P R SEM 009	TH	9-3PM	2816 SSWB	Foulk		
	P R SEM 009	SA	10-3PM	ARR			
Mindfulness-based Cog Therapy							
This class will have its final meeting at the Turner Senior Resource Center.							

CAT# Class #	Course Title CODE CMP SEC	DAYS	TIME	LOCATION	CR INSTRUCTOR	PREREQ	LAB FEE
63215	P R SEM 010	FSA	9-5PM	B770 SSWB	Crane		
SW Practice in Rural Settings							
63216	P R SEM 011	FSA	9-5PM	B798 SSWB	Louise, Eiler		
Appl Suicide Interv Skills Trn							
63219	P R SEM 012	W	9-5PM	2816 SSWB	Ribaudo		
Theory & Prac Infant Mntl Hlth							
63220	P R SEM 013	WTH	9-5PM	2816 SSWB	Ribaudo		
Attach Thry Clin Prac Life Spn							
<b>799</b>	<b>Adv Topics Macro SW</b>				<b>1.00</b>		
61552	P R SEM 001	F	9-5PM	3752 SSWB	Sanders		
Immi Enfor Hum Rights&Soc Just							
Meeting location is tentative.							
62270	P R SEM 004	WTH	9-5PM	B760 SSWB	Gant		
HIV/AIDS: Evi Bas Prg Pol&Serv							
Meeting location is tentative.							
62634	P R SEM 005	WTH	9-5PM	2752 SSWB	Tropman		
Budgeting/Financ Mgmt SW Mgrs							
63080	P R SEM 006	WTH	9-5PM	B760 SSWB	Gant		
GIS for Social Workers							
63082	P R SEM 007	THF	9-5PM	3752 SSWB	Checkoway		
Undstdg Divers Soc Just Dialog							
63190	P R SEM 008	WTH	9-5PM	B770 SSWB	Tropman		
Exec Ldrship Skls Hum Serv Org							
63191	P R SEM 009	WSA	9-5PM	3752 SSWB	Checkoway		
Concept & Tech of Soc Justice							
This course will be co-taught by Akwugo Emejulu.							
63207	P R SEM 010	FSA	9-5PM	2752 SSWB	Cabin		
Social Entrepreneurship							
63211	P R SEM 011	TH	9-5PM	2752 SSWB	Staller		
Intro to Qualitative Methods							
63221	P R SEM 012	W	9-5PM	B760 SSWB	Gutierrez		
Photovoice Indivi & Com Empow							
<b>801</b>	<b>Research Internship</b>				<b>1.00-8.00</b>	<b>ADVISORY</b>	
	IND +		ARR	ARR			
<b>802</b>	<b>Research Internship</b>				<b>1.00-8.00</b>	<b>ADVISORY</b>	
	IND +		ARR	ARR			
<b>803</b>	<b>Research Internship</b>				<b>1.00-8.00</b>	<b>ADVISORY</b>	
	IND +		ARR	ARR			
<b>900</b>	<b>Prep Candidacy Eval</b>				<b>1.00-8.00</b>	<b>ADVISORY</b>	
	IND +		ARR	ARR			
<b>971</b>	<b>Directed Reading</b>				<b>1.00-4.00</b>	<b>ADVISORY</b>	
	IND +		ARR	ARR			
<b>972</b>	<b>Directed Reading</b>				<b>1.00-4.00</b>	<b>ADVISORY</b>	
	IND +		ARR	ARR			
<b>973</b>	<b>Directed Reading</b>				<b>1.00-4.00</b>	<b>ADVISORY</b>	
	IND +		ARR	ARR			
<b>974</b>	<b>Directed Reading</b>				<b>1.00-4.00</b>	<b>ADVISORY</b>	
	IND +		ARR	ARR			
<b>975</b>	<b>Directed Research</b>				<b>1.00-4.00</b>	<b>ADVISORY</b>	
	IND +		ARR	ARR			
<b>976</b>	<b>Directed Research</b>				<b>1.00-4.00</b>	<b>ADVISORY</b>	
	IND +		ARR	ARR			
<b>977</b>	<b>Directed Research</b>				<b>1.00-4.00</b>	<b>ADVISORY</b>	
	IND +		ARR	ARR			
<b>978</b>	<b>Directed Research</b>				<b>1.00-4.00</b>	<b>ADVISORY</b>	
	IND +		ARR	ARR			
<b>990</b>	<b>Diss-Precand</b>				<b>1.00-8.00</b>	<b>ADVISORY</b>	
	IND +		ARR	ARR			
<b>995</b>	<b>Diss-Cand</b>				<b>8.00</b>	<b>ENFORCED</b>	
	IR IND +		ARR	ARR			

# Stamps School of Art & Design

## School Of Art And Design

### Art and Design (ARTDES)

<b>320</b>	<b>Exchange Program</b>						<b>1.00-16.00</b>	
61427	P LAB 009		ARR	ARR		Schmidt		
Berlin								
61362	P LAB 010		ARR	ARR				
<b>351</b>	<b>Internship</b>						<b>1.00-3.00</b>	<b>ADVISORY</b>
	D IND +		ARR	ARR				<b>70.00</b>
<b>498</b>	<b>Int Project I</b>						<b>6.00</b>	<b>250.00</b>
	I IND +		ARR	ARR				
<b>500</b>	<b>Independent Studio</b>						<b>1.00-6.00</b>	
	I IND +		ARR	ARR				