

# Architecture & Urban Planning

## College of Architecture & Urban Planning

### Architecture (ARCH)

690	Arc Curr Pract Exper							
	I IND +		ARR	ARR			1.00	ADVISORY
739	Masters Thesis							
	IR IND +		ARR	ARR			6.00	ADVISORY
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

# Art and Design

## School Of Art And Design

### Art and Design (ARTDES)

<b>320</b>	<b>Exchange Program</b>						<b>1.00-16.00</b>	
61619	P LAB 009		ARR	ARR		Schmidt		
Berlin								
61551	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>400</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				

# Dental Hygiene

## Dental Hygiene-Dentistry

### Dental Hygiene (DENTHYG)

<b>475</b>	<b>Mentored Prof Exp</b>					<b>3.00-4.00</b>	<b>ADVISORY</b>	
62518	P LEC 001		ARR	ARR		Gwozdek		

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

<b>484</b>	<b>Special Populations</b>					<b>3.00</b>	<b>ADVISORY</b>	
62392	P LEC 001		ARR	ARR		Farrell		
<b>485</b>	<b>Community I</b>					<b>3.00</b>	<b>ADVISORY</b>	
62391	P LEC 001		ARR	ARR		Wyche		
<b>491</b>	<b>Capstone II/ePortfol</b>					<b>6.00</b>		
62495	P LEC 001		ARR	ARR		Gwozdek		

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

# Dentistry

## School Of Dentistry

### Dentistry (DENT)

490	Independ Research		ARR	ARR		1.00-3.00	
601	Dental Pharmacology					1.00-3.00	ENFORCED
62897	P R LEC 001 MF		8-9AM	G005 DENT	Traynor		
601	Dental Pharmacology					1.00-3.00	ENFORCED
	P R LEC 001 TH		8-10AM	G322 DENT			
603	Treatment Planning					1.00	ENFORCED
62923	P R LEC 001 TTH		1-2PM	G322 DENT	Richards, Stefanac		
610	Appl Biomaterials II					1.00	ENFORCED
62900	P R LEC 001 W		9-10AM	G322 DENT	Kuroda, Kohn		
620A	Oral Med/Radiology					0.00	ENFORCED
63041	P R LAB 001		ARR	ARR	Fitzgerald, Benavides		
620C	Restorative					0.00	ENFORCED
63042	P R LAB 001		ARR	ARR	Fitzgerald		
625A	Pathways - HC Delivery					0.00-3.00	ENFORCED
62901	P R SEM 001 T		8-12PM	G322 DENT	Eber		
625B	Pathways - Research					0.00-5.00	ENFORCED
62943	P R SEM 001		ARR	ARR	Kaigler		
625C	Pathways - Leadership					0.00-3.00	
62902	P SEM 001 T		9-11AM	1397 DENT	Taichman		
629	Clinical Foundations III					0.00-10.00	ENFORCED
63053	P R LEC 001		ARR	ARR	Snyder		
630	Fundamentals of Perio					0.50	ENFORCED
62942	P R LEC 001 M		9-10AM	G322 DENT	Bashutski		
635	Behav Sci Practicum					0.50	ENFORCED
62884	P R LEC 001 W		8-9AM	G322 DENT	Inglehart		
638	Cardiovascular Syst					3.00	ENFORCED
62898	P R LEC 001 MWF		10-12PM	G322 DENT	Brzezinski		
639	Respiratory System					3.00	ENFORCED
62899	P R LEC 001 MWF		10-12PM	G322 DENT	Cornwall, Hortsch		
646	ITDP: Periodontics					1.00-5.00	
61852	P SEM 001		ARR	ARR	Richards		
647	ITDP: Oral Path/Med					1.00-5.00	
61853	P SEM 001		ARR	ARR	Edwards		
648	ITDP: Oral Surgery					1.00-5.00	
61854	P SEM 001		ARR	ARR	Davis		
720	Comprehensive Care Clinic					0.00-10.00	ENFORCED
62411	P R LAB 001 MTWTHF		9-12PM	ARR	Heys		75.00
720	Comprehensive Care Clinic					0.00-10.00	ENFORCED
	P R LAB 001 MTWTHF		1-5PM	ARR			75.00
720	Comprehensive Care Clinic					0.00-10.00	ENFORCED
62486	P R LAB 002		ARR	ARR	Heys		75.00
720A	Periodontics					0.00-10.00	ENFORCED
62412	P R LAB 001		ARR	ARR	Heys		
62487	P R LAB 002		ARR	ARR	Heys		
720B	Operative					0.00-10.00	ENFORCED
62413	P R LAB 001		ARR	ARR	Heys		
62488	P R LAB 002		ARR	ARR	Heys		
720C	Prosthodontics					0.00-10.00	ENFORCED
62489	P R LAB 002		ARR	ARR	Heys		
737	PRECLINICAL ENDODONTICS					1.50-3.50	ENFORCED
62885	P R LAB 001 W		8-12PM	G390 DENT	Bauer		225.00
737	PRECLINICAL ENDODONTICS					1.50-3.50	ENFORCED
	P R LAB 001 F		8-12PM	G390 DENT			225.00
	P R LAB 001 W		1-2PM	G390 DENT			
	P R LAB 001 F		1-5PM	G005 DENT			
	P R LAB 001 WF		8-12PM	G340 DENT			
	P R LAB 001 W		1-2PM	G340 DENT			
740	Clinical Rotation - Oral Surgery					3.00	ENFORCED
61741	P R LAB 001		ARR	ARR			
743B	Clinical Rotation: Pediatric					2.00	
62481	P LAB 101		ARR	ARR	Boynton		
747	Pediatric Dentistry					1.00	
61370	P LEC 001 MWTH		1-2PM	G378 DENT	Boynton		
747	Pediatric Dentistry					1.00	
	P LEC 001 T		1-3PM	G378 DENT			
840	Oral Surgery					1.00	
61736	P LAB 101		ARR	ARR	Karam		
998	Curr Practical Prjct					1.00	
61924	P SEM 101		ARR	ARR	Woolfolk		
682	Sem Dentl Hyg					2.00	

### Dental Hygiene (DHYGRACK)

682 Sem Dentl Hyg

CAT# Class #	Course Title CODE CMP SEC	DAYS	TIME	LOCATION	CR INSTRUCTOR	PREREQ	LAB FEE
60049	P SEM 001		ARR	ARR			
<b>Endodontics (ENDODONT)</b>							
652	Clin Endodontics				1.00-2.00		
60050	P LAB 001		ARR	ARR	McDonald		
655	Endo Research				1.00-3.00		
	I IND +		ARR	ARR			
657	Endodontic Surgery				2.00		
60052	P SEM 001		ARR	ARR			
659	Current Lit Review				1.00		
60053	P SEM 001		ARR	ARR	McDonald		
660	Case Pres & Treat				1.00		
60054	P SEM 001		ARR	ARR	McDonald		
<b>Oral Biology (ORALBIOL)</b>							
678	Stat Meth Oral Biol				1.00-3.00	ADVISORY	
60055	P SEM 001		ARR	ARR			
990	Diss-Precand				1.00-8.00	ADVISORY	
	I IND +		ARR	ARR			
995	Diss-Cand				8.00	ENFORCED	
	IR IND +		ARR	ARR			
<b>Oral Diagnosis (ORALDIAG)</b>							
660	Thesis Investigatn				1.00-2.00		
	I IND +		ARR	ARR			
661	Clinical Oral Diag				1.00-6.00		
60059	P LAB 001		ARR	ARR			
665	Rad-Hyg-Radiography				1.00		
60060	P SEM 001		ARR	ARR			
<b>Oral Health Sciences (ORALHEAL)</b>							
812	Sci Lab Rotations				3.00		
	I IND +		ARR	ARR			
813	Culture of Science				2.00		
60062	P LEC 001		ARR	ARR			
851	Special Topics Sem				1.00-3.00	ADVISORY	
	I IND +		ARR	ARR			
990	Dissertatn-Precand				1.00-8.00	ADVISORY	
	I IND +		ARR	ARR			
995	Dissertation-Cand				8.00	ENFORCED	
	R IND +		ARR	ARR			
<b>Oral Pathology (ORALPATH)</b>							
692	Surgical Oral Path				1.00-8.00	ADVISORY	
60066	P LAB 001		ARR	ARR			
693	Clinical Oral Path				1.00-4.00	ADVISORY	
60067	P LAB 001		ARR	ARR			
696	Thesis Investigatn				1.00-3.00		
	I IND +		ARR	ARR			
698	Adv Oral Path Sem				1.00-6.00	ADVISORY	
60069	P SEM 001		ARR	ARR			
699	Journal Club				1.00-4.00	ADVISORY	
60070	P SEM 001		ARR	ARR			
<b>Oral Surgery (ORALSURG)</b>							
752	Clin Oral Surg Serv				3.00		
60071	P LAB 001		ARR	ARR			
753	Thesis Investigatn				1.00-3.00		
	I IND +		ARR	ARR			
<b>Orthodontics (ORTHO)</b>							
759	Tooth Movement				1.00		
62434	P LEC 001		ARR	ARR	Hatch		
760	Clinical Orthodon				1.00-2.00		
60073	P LAB 001		ARR	ARR	Conley		
761	Ortho Techniques				1.00-3.00		
61641	P SEM 001		ARR	ARR	McNamara Jr		
762	Sem in Orthodontics				2.00		
60074	P SEM 001		ARR	ARR			
763	Ortho Pediat Dent				3.00		
60075	P LAB 001		ARR	ARR			
766	Research-Thesis				1.00-2.00		
	I IND +		ARR	ARR			
771	Adolescent Psych				1.00		
62539	P SEM 001		ARR	ARR	Inglehart		
772	Intro Cephalometric				1.00		
62540	P SEM 001 W		8-5PM	ARR	McNamara Jr		
772	Intro Cephalometric				1.00		
	P SEM 001 W		8-5PM	ARR			

CAT# Class #	Course Title CODE CMP SEC	DAYS	TIME	LOCATION	CR INSTRUCTOR	PREREQ	LAB FEE
	P SEM 001	W	8-5PM	ARR			
	P SEM 001	W	8-5PM	ARR			
	P SEM 001	T	8-5PM	ARR			
	P SEM 001	T	8-12PM	G550 DENT			
<b>778</b>	<b>Mg Chl Craniofac</b>						<b>1.00</b>
61637	P LEC 001		ARR	ARR		Kelly	
<b>Pediatric Dentistry (PEDDENT)</b>							
<b>591</b>	<b>Clinical Ped Dent</b>						<b>1.00-5.00</b>
60076	P LAB 001		ARR	ARR		Boynton	
<b>594</b>	<b>Investigatn-Thesis</b>						<b>1.00-3.00</b>
	IND +		ARR	ARR			
<b>Periodontics (PERIODON)</b>							
<b>780</b>	<b>Periodontic Clinic</b>						<b>1.00-6.00</b>
60078	P LAB 001		ARR	ARR		Wang	
<b>782</b>	<b>Sem in Periodontics</b>						<b>1.00</b>
61196	P LEC 101		ARR	ARR			
<b>786</b>	<b>Periodontal Therapy</b>						<b>1.00-2.00</b>
60079	P LAB 001		ARR	ARR			
<b>790</b>	<b>Thesis Investigatn</b>						<b>1.00-3.00</b>
	IND +		ARR	ARR			
<b>Prosthodontics (PROSTHOD)</b>							
<b>635</b>	<b>Impression Making</b>						<b>1.00</b>
60081	P SEM 001		ARR	ARR			
<b>638</b>	<b>Partial Dent Theory</b>						<b>1.00</b>
60082	P SEM 001		ARR	ARR			
<b>639</b>	<b>Applic Partial Dent</b>						<b>1.00</b> <b>ADVISORY</b>
60083	P SEM 001		ARR	ARR			
<b>643</b>	<b>Clin Prosthodontics</b>						<b>1.00-3.00</b>
61031	P LAB 001		ARR	ARR		Razzoog	
<b>645</b>	<b>Thesis Investigatn</b>						<b>1.00-3.00</b>
	IND +		ARR	ARR			
<b>648</b>	<b>Adv Prosth Seminar</b>						<b>1.00</b>
60084	P SEM 001		ARR	ARR			
<b>738</b>	<b>Crown&amp;Bridge Prosth</b>						<b>1.00-2.00</b>
60085	P SEM 001		ARR	ARR			
<b>882</b>	<b>Ceramo-Metal Proc</b>						<b>1.00</b>
60086	P SEM 001		ARR	ARR		Beard	
<b>Restorative (RESTORA)</b>							
<b>741</b>	<b>Data Management</b>						<b>1.00-2.00</b> <b>ADVISORY</b>
62547	P LAB 001		ARR	ARR		Dennison	
<b>742</b>	<b>Clin Restor Dent</b>						<b>1.00-8.00</b>
60087	P LAB 001		ARR	ARR		Yaman	
<b>743</b>	<b>Thesis Investigatn</b>						<b>1.00-3.00</b>
	IND +		ARR	ARR			
<b>744</b>	<b>Sem Operative Dent</b>						<b>1.00-3.00</b>
60089	P SEM 101		ARR	ARR			
<b>748</b>	<b>Spec Topc Oper Dent</b>						<b>1.00-3.00</b>
60090	P SEM 001		ARR	ARR			
<b>860</b>	<b>Neuromuscular Phys</b>						<b>1.00</b>
61828	P SEM 101		ARR	ARR		Gerstner	
<b>866</b>	<b>Masticatory System</b>						<b>1.00</b> <b>ADVISORY</b>
60091	P SEM 001		ARR	ARR			
<b>868</b>	<b>Bioengin Occlusion</b>						<b>2.00</b> <b>ADVISORY</b>
60092	P SEM 001		ARR	ARR			
<b>869</b>	<b>Occlusion Lab</b>						<b>1.00-3.00</b>
60093	P LAB 001		ARR	ARR			
<b>871</b>	<b>Concepts of Occlus</b>						<b>1.00</b>
61639	P SEM 001		ARR	ARR		Gerstner	
<b>873</b>	<b>Clin Prac Occlusion</b>						<b>1.00-6.00</b>
60094	P LAB 001		ARR	ARR			
<b>880</b>	<b>Investigatn Thesis</b>						<b>1.00-3.00</b>
	I IND +		ARR	ARR			

# 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>			<b>1.00-6.00</b>	
	I IND +	ARR	ARR		
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>			<b>1.00-8.00</b>	<b>ADVISORY</b>
	I IND +	ARR	ARR		
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>			<b>1.00-6.00</b>	<b>ADVISORY</b>
	I IND +	ARR	ARR		
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>			<b>3.00</b>	
	SI IND +	ARR	ARR		
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>			<b>1.00-6.00</b>	<b>ADVISORY</b>
	I IND +	ARR	ARR		
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>Indi Study Ed Study</b>			<b>1.00-3.00</b>	<b>ADVISORY</b>
	I IND +	ARR	ARR		
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>			<b>1.00-13.00</b>	<b>ADVISORY</b>
	I IND +	ARR	ARR		
<b>655</b>	<b>Dir Resear Ed Study</b>			<b>1.00-6.00</b>	<b>ADVISORY</b>
	I IND +	ARR	ARR		
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>			<b>1.00-6.00</b>	<b>ADVISORY</b>
	I IND +	ARR	ARR		
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>			<b>1.00-4.00</b>	<b>ADVISORY</b>
	SI IND +	ARR	ARR		
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>			<b>3.00</b>	<b>ADVISORY</b>
	SI IND +	ARR	ARR		
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>			<b>1.00-3.00</b>	<b>ADVISORY</b>
	SI IND +	ARR	ARR		
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>835</b>	<b>Independent Study</b>			<b>1.00-3.00</b>	
	I IND +	ARR	ARR		
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>			<b>1.00-3.00</b>	<b>ADVISORY</b>
61557	P REC 002	ARR	ARR	King	
Students enrolling in this section should have enrolled for 2 credit hours of 899-002 in Winter 11. Students should enroll for 1 credit hour in Sp/Su 11.					
61794	P REC 003	ARR	ARR	King	
Section 003: Requires enrollment of 3 credit hours					
<b>990</b>	<b>Diss-Precand</b>			<b>1.00-8.00</b>	<b>ADVISORY</b>
	SI IND +	ARR	ARR		
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>			<b>8.00</b>	<b>ENFORCED</b>
	SIR IND +	ARR	ARR		
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	
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					1.00-16.00	ADVISORY	
	IND +		ARR	ARR				
591	M S Thesis					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	
	DR IND +		ARR	ARR				

## Chemical Engineering Department

### Chemical Engineering (CHE)

290	Res&Spec Problems							
	IND +		ARR	ARR			1.00-16.00	ADVISORY
490	Adv Res&Spec Problem						1.00-16.00	ADVISORY
	I IND +		ARR	ARR				
496	Spec Topics in Ch E						3.00	ADVISORY
62941	P LEC 004	TF	330-5PM	151 CHRYS	Schwank			
	Fuel Cells & Fuel Processors							
695	Research Problems						1.00-16.00	ADVISORY
	I IND +		ARR	ARR				
696	Selected Topics						3.00	
62907	P LEC 004	TF	330-5PM	151 CHRYS	Schwank			
	Fuel Cells & Fuel Processors							
62908	P LEC 884	TF	330-5PM	151 CHRYS	Schwank			
	Fuel Cells & Fuel Processors							
698	Directed Study						1.00-16.00	
	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				

**Civil & Environmental Engr**  
**Civil And Environmental Engineering (CEE)**

490	Independent Study						1.00-4.00	ADVISORY
	IND +		ARR	ARR				
622	Sp Prob Hydr-Hydrol						1.00-16.00	ADVISORY
	IND +		ARR	ARR				
651	Directed Studies						1.00-3.00	ADVISORY
	IND +		ARR	ARR				
682	Prob in Envir Engr						1.00-16.00	ADVISORY
	IND +		ARR	ARR				
910	Struct Engr Res						1.00-16.00	
	SI IND +		ARR	ARR				
980	Res in Envir Engr						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
	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 I 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
699	Research Work EECS 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

## Engineering Undergraduate Educ

### Engineering (ENGR)

<b>280</b>	<b>Undergrad Research</b>							
61028	P DIS 001		ARR	ARR			<b>1.00-4.00</b>	<b>ADVISORY</b>
							Gregerman	
<b>355</b>	<b>Multidisc Engr Des I</b>						<b>1.00-4.00</b>	<b>ADVISORY, ENFORCED</b>
62602	P R LAB 003		ARR	ARR			Skeros	
62603	P R LAB 004		ARR	ARR			Gilchrist	
62604	P R LAB 005		ARR	ARR			Renno	
62605	P R LAB 006		ARR	ARR			Washabaugh	
62606	P R LAB 007		ARR	ARR			Hansen	
62607	P R LAB 008		ARR	ARR			Cutler	
62608	P R LAB 009		ARR	ARR			Ridley	
62609	P R LAB 010		ARR	ARR			McCormick	
62610	P R LAB 011		ARR	ARR			Wooldridge	
62611	P R LAB 012		ARR	ARR			Eustice	
62612	P R LAB 014		ARR	ARR			Lin	
62613	P R LAB 033		ARR	ARR			Wentzloff	
63356	P R LAB 114		ARR	ARR			Bell	
<b>400</b>	<b>Co-Op Educ Engr</b>						<b>0.00</b>	<b>ADVISORY</b>
60131	PD DIS 001		ARR	ARR			Holloway	<b>1.50</b>
<b>455</b>	<b>Multidisc Eng Des II</b>						<b>1.00-5.00</b>	<b>ENFORCED</b>
62614	P R LAB 002		ARR	ARR			Sienko	
62615	P R LAB 003		ARR	ARR			Skeros	
62616	P R LAB 004		ARR	ARR			Gilchrist	
62617	P R LAB 005		ARR	ARR			Renno	
62618	P R LAB 006		ARR	ARR			Washabaugh	
62619	P R LAB 007		ARR	ARR			Hansen	
62620	P R LAB 008		ARR	ARR			Cutler	
62621	P R LAB 009		ARR	ARR			Ridley	
62622	P R LAB 010		ARR	ARR			Kabamba	
62623	P R LAB 011		ARR	ARR			Gillespie	
62624	P R LAB 012		ARR	ARR			Wooldridge	
62625	P R LAB 014		ARR	ARR			Eustice	
62626	P R LAB 015		ARR	ARR			Schmedlen	
<b>591</b>	<b>Engr Grad Study Abrd</b>						<b>1.00-16.00</b>	<b>ADVISORY</b>
61436	PD LEC 013		ARR	ARR				
	Nagoya University, Japan							
<b>600</b>	<b>Eng Practicum Proj</b>						<b>1.00-8.00</b>	<b>ADVISORY</b>
	IND +		ARR	ARR				

## 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 IND +		ARR	ARR	2.00-4.00		ADVISORY	
801	First Yr Doc Dir Res IND +		ARR	ARR	1.00-3.00		ADVISORY	
990	Diss Pre-Candidate IND +		ARR	ARR	2.00-8.00		ADVISORY	
995	Dissertation Cand R IND +		ARR	ARR	8.00		ENFORCED	



## Interdisciplinary Prof Program

### Automotive Engineering Program (AUTO)

501	Integ Veh Syst Dsgn					3.00	ADVISORY	
61907	PD LEC 881		ARR	ARR				
503	Auto Eng Project					3.00-4.00	ADVISORY	
	D IND +		ARR	ARR				
533	Adv Energy Solutions					3.00	ADVISORY	
63216	P LEC 881		ARR	ARR				

### Energy Systems Engineering Program (ESENG)

503	Energy Systems Proj					3.00	ADVISORY	
	D IND +		ARR	ARR				
599	Energy Sys Spec Topc					3.00	ADVISORY	
63317	P LEC 881 TTH		230-4PM	ARR	Keoleian			
	Sustainable Energy Systems							

## Program In Manufacturing

### Manufacturing (MFG)

503	Mfg Project D IND +		ARR	ARR		3.00	ADVISORY	
571	Ship Des Proj IND +		ARR	ARR		1.00-16.00	ADVISORY	
590	Directed Std&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)

433	Adv Energy Solutions 63215 P LEC 881	ARR	ARR	3.00	ADVISORY
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
590	Res Sel M E Topics I IND +	ARR	ARR	3.00-6.00	ADVISORY
595	Master Thesis Prop I IND +	ARR	ARR	3.00	ADVISORY
695	Master Thesis Res I 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)

421	Ship Model Testing						1.00-16.00	ADVISORY
	IND +		ARR	ARR				
490	Dir Std, Res & Sp Prob						1.00-16.00	ADVISORY
	IND +		ARR	ARR				
511	Sp Topic Ship Struc						1.00-16.00	ADVISORY
	IND +		ARR	ARR				
521	Dir Study Mar Hydro						1.00-16.00	ADVISORY
	IND +		ARR	ARR				
571	Ship Des Proj						1.00-16.00	ADVISORY
	IND +		ARR	ARR				
590	Seminar						1.00-16.00	ADVISORY
	W IND +		ARR	ARR				
592	Masters Thesis						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
	R IND +		ARR	ARR				

## Nuclear Engr & Radiological Sci

### Nuclear Engineering And Radiological Sciences (NERS)

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

# 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>690</b>	<b>Intern/Field Exper</b>						<b>1.00-6.50</b>	<b>ADVISORY</b>
	IND +		ARR	ARR				
<b>791</b>	<b>Independent Study</b>						<b>1.00-3.00</b>	<b>ADVISORY</b>
	IND +		ARR	ARR				
<b>902</b>	<b>Directed Research</b>						<b>1.00-3.00</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>ADVISORY, ENFORCED</b>
	IR IND +		ARR	ARR				

# Kinesiology

## School Of Kinesiology

### Athletic Training (AT)

403	Internship in AT					0.50-4.00	ADVISORY	
61636	PI LAB 001		ARR	ARR		Reck		
488	Ind Study AT					1.00-2.00	ADVISORY	
	IND +		ARR	ARR				

### Kinesiology (KINESLGY)

429	Lab Mtr Cnt Dev					1.00-3.00	ADVISORY	
62635	PI LAB 001		ARR	ARR				
62636	PI LAB 002		ARR	ARR		Ulrich		
63296	PI LAB 003		ARR	ARR		Ulrich		
439	Lab Biomechanic					1.00-3.00	ADVISORY	
61947	PD LAB 001		ARR	ARR				
61948	PI LAB 002		ARR	ARR		Gross		
449	Lab Exer Phys					1.00-3.00	ADVISORY	
61599	PI LAB 201		ARR	ARR		Borer		
62562	PI LAB 202		ARR	ARR		Mendias		
519	Spt Mgmt in Depth					2.00	ADVISORY	
	IND +		ARR	ARR				
619	Thesis Research					1.00-6.00	ADVISORY	
	IND +		ARR	ARR				
684	Ind Res in Kin					1.00-6.00	ADVISORY	
	IND +		ARR	ARR				
685	Res Rotation in Kin					3.00-6.00	ADVISORY	
63291	P LAB 201		ARR	ARR		Fort		
990	Diss-Precand					1.00-8.00	ADVISORY	
	IND +		ARR	ARR				
995	Diss-Cand					8.00	ENFORCED	
	IR IND +		ARR	ARR				

### Movement Science (MOVESCI)

384	Honors Research					1.00-3.00	ADVISORY	
	IND +		ARR	ARR				
403	Internship					0.50-3.00	ADVISORY	
61607	PI LAB 001		ARR	ARR		Reck		
63325	PI LAB 002		ARR	ARR		Reck		
63326	PI LAB 003		ARR	ARR		Reck		
63327	PI LAB 004		ARR	ARR		Reck		
429	Lab Mtr Cnt Dev					1.00-3.00	ADVISORY	
62631	PI LAB 001		ARR	ARR				
62632	PI LAB 002		ARR	ARR		Ulrich		
63294	PI LAB 003		ARR	ARR		Ulrich		
439	Lab Biomechanic					1.00-3.00	ADVISORY	
61943	PD LAB 001		ARR	ARR				
61944	PI LAB 002		ARR	ARR		Gross		
449	Lab Exer Phys					1.00-3.00	ADVISORY	
61594	PI LAB 201		ARR	ARR		Borer		
62561	PI LAB 202		ARR	ARR		Mendias		
488	Independent Study					1.00-3.00	ADVISORY	
	IND +		ARR	ARR				

### Sport Management (SM)

280	Research Opport					1.00-4.00	ADVISORY	
	IND +		ARR	ARR				
390	Field Experience					0.50-4.00	ADVISORY	
	IND +		ARR	ARR				
403	Internship in SM					0.50-3.00	ADVISORY	
61356	PI LAB 201		ARR	ARR		Reck		
63193	PI LAB 202		ARR	ARR		Reck		
63194	PI LAB 203		ARR	ARR		Reck		
63195	PI LAB 204		ARR	ARR		Reck		
470	Independent Study					1.00-3.00	ADVISORY	
	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>
62873	PDR LEC 001	MTWTH	9-1020AM	250 HUTCH	Cooper		
ABCD, 2, 33, 41							
<b>580</b>	<b>Torts</b>					<b>5.00</b>	<b>ENFORCED</b>
62874	PDR LEC 001	MTWTH	115-235PM	116 HUTCH	Clark		
AC, 2, 33							
62875	PDR LEC 002	MTWTH	3-420PM	116 HUTCH	Clark		
BD, 2, 33							
<b>590</b>	<b>Legal Practice I</b>					<b>2.00</b>	<b>ENFORCED</b>
62876	PDR LEC 001	TTH	1045-12PM	138 HUTCH	Frost		
A, 1, 33							
62878	PDR LEC 002	TTH	1045-12PM	116 HUTCH	Seymour		
B, 1, 33							
62879	PDR LEC 003	TTH	3-415PM	138 HUTCH	Osbeck		
C, 1, 33							
62880	PDR LEC 004	TTH	115-230PM	138 HUTCH	Osbeck		
D, 1, 33							
<b>592</b>	<b>Legal Practice Skills</b>					<b>1.00</b>	<b>ENFORCED</b>
62877	PDR LEC 001		ARR	ARR	Frost		
A, 1, 33							
62881	PDR LEC 002		ARR	ARR	Seymour		
B, 1, 33							
62882	PDR LEC 003		ARR	ARR	Osbeck		
C, 1, 33							
62883	PDR LEC 004		ARR	ARR	Osbeck		
D, 1, 33							
<b>794</b>	<b>Senior Judge Seminar II</b>					<b>2.00</b>	<b>ADVISORY, ENFORCED</b>
61758	PDR SMA 001		ARR	ARR	Frost		
24, 25, 34							
<b>799</b>	<b>Senior Judge Seminar</b>					<b>2.00</b>	<b>ENFORCED</b>
61757	PDR SMA 001		ARR	ARR	Frost		
1, 24, 34							
<b>900</b>	<b>Research</b>					<b>1.00-12.00</b>	<b>ENFORCED</b>
	DR IND +		ARR	ARR			
22, 29							
<b>930</b>	<b>Environmental Law Clinic</b>					<b>3.00</b>	<b>ENFORCED</b>
61536	PDRWCLN 001		ARR	ARR	Kagan		
7, 8, 9, 12							
<b>942</b>	<b>Law Practicum Research</b>					<b>1.00-3.00</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**  
**Center for Afro-American and African Studies**  
**Afroamerican & African Studies (CAAS)**

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				1.00-3.00	ADVISORY
	IND +	ARR	ARR			
958	Anthro Research				1.00-3.00	ADVISORY
	IND +	ARR	ARR			
959	Literature Survey				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			

### Anthropology, Biological (ANTHRBIO)

371	Techn in Bio Anthro				1.00-3.00	
63387	PI LAB 001	ARR	ARR		Wolpoff	
471	U G Reading & Res				1.00-3.00	
	IND +	ARR	ARR			
962	Anthropological Res				1.00-3.00	ADVISORY
	IND +	ARR	ARR			
963	Survey Lit-Topics				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			

### Anthropology, Cultural (ANTHRCUL)

499	Ug Reading & Res				1.00-3.00	
	IND +	ARR	ARR			
958	Anthropological Res				1.00-3.00	ADVISORY
	IND +	ARR	ARR			
959	Survey Literature				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			

## Applied Physics Program

### Applied Physics (APPPHYS)

715	Ind Research I IND +						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				
799	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		

## Biophysics Research Division

### Biophysics (BIOPHYS)

399	Research Biophysics						1.00-4.00	
	I 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 Biochem					1.00	ADVISORY	
	IND +		ARR	ARR				
499	Ugrad Thesis Chem					1.00	ADVISORY	
	IND +		ARR	ARR				
801	Analytical Seminar					2.00	ADVISORY	
61319	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	
	R 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)

321	Internship						1.00-3.00	ADVISORY
	IND +		ARR	ARR				
799	Directed Study						1.00-3.00	ADVISORY
	IND +		ARR	ARR				
900	Prelim Exam Prep						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				

## 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

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

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## Program Study of Complex Systems

### Complex Systems (CMPLXSYS)

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



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

## Center For Chinese Studies

### Chinese Studies (CCS)

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

## 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				
595	Tropical Biology						8.00	ADVISORY
60205	PI LAB 001		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				

## Exhibit Museum

### Museum Methods (MUSMETH)

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

## Geological Sciences

### Geological Sciences (GEOSCI)

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

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

## 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

### Museums (MUSEUMS)

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

### University Courses (UC)

225	Undergrad Internship							
	SD IND +		ARR	ARR			1.00	
280	Undergrad Research							
60350	PI REC 001		ARR	ARR			1.00-4.00	ADVISORY
409	Museum Std Pract							
	S R IND +		ARR	ARR		Gregerman	3.00	ENFORCED

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

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## 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	
Class #	CODE	CMP	SEC	DAYS	TIME	LOCATION	INSTRUCTOR		LAB FEE

## Lloyd Hall Scholars Program

### Lloyd Hall Scholars Program (LHSP)

299	Independent Study								
61572	PI	REC	001		ARR	ARR		1.00-4.00	150.00



## Macromolecular Sci & Engr Ctr

### Macromolecular Science (MACROMOL)

790	Fac Actv Res Surv					1.00	ADVISORY	
60610	P SEM 001		ARR	ARR		Laine		
800	Macromolecular Sem					2.00	ADVISORY	
60611	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				
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							1.00-3.00	ADVISORY
SI	IND +			ARR		ARR			

## Molecular, Cellular, and Developmental Biology

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

300	Undergrad Research						1.00-3.00	ADVISORY
	I IND +		ARR	ARR				
302	Teach Exper Undergr						1.00-3.00	
	I IND +		ARR	ARR				
400	Advanced Research						1.00-3.00	ADVISORY, ENFORCED
	IR IND +		ARR	ARR				
700	Advanced Studies						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
	R IND +		ARR	ARR				

## 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		

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## 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)

492	Directed Studies					1.00-6.00	ADVISORY	
	IND +		ARR	ARR				
692	Directed Reading					1.00-6.00	ADVISORY	
	IND +		ARR	ARR				
892	Directed Research					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				



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

## Psychology Department

### Psychology (PSYCH)

200	Ind Psych Issues					1.00-4.00	ADVISORY
	IND +		ARR	ARR			
305	Psych Practicum					3.00-4.00	ADVISORY
62400	PI LAB 001		ARR	ARR	Deldin		30.00
Depression Center Practicum							
-Psych 270 is a prerequisite for this class -To apply for placement at the U-M Depression Center, send a cover letter (stating specific reasons for wanting to take this class) and a resume that includes overall GPA and GPA in the Psychology concentration, to Gail Campanella, Chief of Staff, at gcampane@med.umich.edu with a copy to Jessica Stanichuk at jstanich@umich.edu .							
322	Fld Prac Res Nat Sci					1.00-4.00	ADVISORY
	IND +		ARR	ARR			
326	Dir Res Psych/NS					1.00-4.00	ADVISORY
	IND +		ARR	ARR			
328	Res Lab Psy Nat Sci					1.00	ADVISORY
	IND +		ARR	ARR			
404	Field Practicum					1.00-4.00	ADVISORY
	IND +		ARR	ARR			
405	Pract Univ Setting					1.00-4.00	ADVISORY
	IND +		ARR	ARR			
420	Adv Reading NS					1.00-4.00	ADVISORY
	IND +		ARR	ARR			
421	Adv Reading Soc Sci					1.00-4.00	ADVISORY
	IND +		ARR	ARR			
422	Adv Research NS					1.00-4.00	ADVISORY
	IND +		ARR	ARR			
424	Sr Hon Res I Nat Sci					2.00-4.00	ADVISORY
61173	AI SEM 001		ARR	ARR	Sekaquaptewa		
426	Sr Hon Res II Nat Sc					2.00-4.00	ADVISORY
61174	AI SEM 001		ARR	ARR	Sekaquaptewa		
428	Sr Thesis Psych NS					2.00-4.00	ADVISORY
	D IND +		ARR	ARR			
619	Supervised Research					1.00-4.00	ADVISORY
	IND +		ARR	ARR			
687	Meth Survey Sampling					3.00	ADVISORY
61808	PD LEC 001 TTH		3-530PM	ARR	Lepkowski, Wagner		
Methods of Survey Sampling							
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.							
688	Int to Surv Res Tech					6.00	ADVISORY
62998	PD SEM 001 MTWTHF		1230-430PM	ARR	Pennell		
Offered as part of the Summer Institute in Survey Research Techniques. Contact Summer Institute at summers@isr.umich.edu for information on registration.							
706	Tutorial Reading					1.00-4.00	ADVISORY
	IND +		ARR	ARR			
711	Question Design					3.00	ADVISORY
61810	PD SEM 001		ARR	ARR			
719	Supervised Research					1.00-5.00	ADVISORY
	IND +		ARR	ARR			
819	Supervised Research					1.00-4.00	ADVISORY
	IND +		ARR	ARR			
879	Internship Clin Psy					1.00-4.00	ADVISORY
	SI IND +		ARR	ARR			
990	Diss-Precand					8.00	ADVISORY
	IND +		ARR	ARR			
995	Diss-Cand					8.00	ENFORCED
	IR IND +		ARR	ARR			

## Studies In Religion

### Religion (RELIGION)

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

## 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>601</b>	<b>Int to Surv Res Tech</b>					<b>6.00</b>	<b>ADVISORY</b>	
62991	PD SEM 001	MTWTHF	1230-430PM	ARR		Pennell		
Offered as part of the Summer Institute in Survey Research Techniques. Contact Summer Institute at summers@isr.umich.edu for information on registration.								
<b>612</b>	<b>Meth Survey Sampling</b>					<b>3.00</b>	<b>ADVISORY</b>	
61805	PD LEC 001	TTH	3-530PM	ARR		Lepkowski, Wagner		
Methods of Survey Sampling 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>	
61806	PD SEM 001	MWF	1-3PM	ARR		Heeringa, West, Berglund		
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>623</b>	<b>Data Collection Meth</b>					<b>3.00</b>	<b>ADVISORY</b>	
61803	PD LEC 001	MTWTHF	1-3PM	ARR		Conrad, Brenner		
Data Collection Methods 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>	
61804	PD SEM 001			ARR		ARR		
<b>653</b>	<b>Comb Qual&amp;Quan Data</b>					<b>1.50</b>	<b>ADVISORY</b>	
62992	PD SEM 001	MTWTHF	1-3PM	ARR		Pearce		
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>	
62993	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>	
63304	PD SEM 001	MTWTH	3-5PM	ARR		Yeaton		
<b>688</b>	<b>Bld Test Str Equ Mod</b>					<b>3.00</b>		
63305	PD SEM 001	MTWTHF	1030-1230PM	ARR				
<b>988</b>	<b>Adv Sem in Surv Meth</b>					<b>3.00</b>	<b>ADVISORY</b>	
62351	PD SEM 001	MTWTHF	630-9PM	ARR		Raghunathan		
Stat Analysis Incomplete Data Contact Summer Institute for enrollment details at 734-764-6595 or summers@isr.umich.edu.								
62994	PD SEM 007	MTWTHF	3-5PM	ARR		Yeaton		
Experimental and Quasi Design Offered as part of the Summer Institute in Survey Research Techniques. Contact summers@isr.umich.edu for registration details.								
<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)

423	Pract Screenwriter					3.00	ADVISORY	200.00
62714	PI W SEM 001 F		10-1PM	1175 NQ	Rayher			
700	Directed Research					3.00	ADVISORY	
	I IND +		ARR	ARR				

## Slavic Languages & Lit Dept

### Russian (RUSSIAN)

430	Supervised Reading						1.00-4.00	ADVISORY	
	I 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					

## Sociology Department

### Sociology (SOC)

<b>395</b>	<b>Independent Study</b>				<b>1.00-4.00</b>	<b>ADVISORY</b>
	I IND +	ARR	ARR			
<b>612</b>	<b>Meth Survey Sampling</b>				<b>3.00</b>	<b>ADVISORY</b>
61809	PD LEC 001 TTH	3-530PM	ARR		Lepkowski, Wagner	
Methods of Survey Sampling						
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>688</b>	<b>Int to Surv Res Tech</b>				<b>6.00</b>	<b>ADVISORY</b>
62999	PD SEM 001 MTWTHF	1230-430PM	ARR		Pennell	
Offered as part of the Summer Institute in Survey Research Techniques. Contact Summer Institute at summers@isr.umich.edu for information on registration.						
<b>695</b>	<b>Directed Research</b>				<b>1.00-6.00</b>	<b>ADVISORY</b>
	I IND +	ARR	ARR			
<b>696</b>	<b>Directed Reading</b>				<b>1.00-6.00</b>	<b>ADVISORY</b>
	I IND +	ARR	ARR			
<b>711</b>	<b>Question Design</b>				<b>3.00</b>	<b>ADVISORY</b>
61811	PD SEM 001	ARR	ARR			
<b>990</b>	<b>Diss-Precand</b>				<b>1.00-4.00</b>	<b>ADVISORY</b>
	I IND +	ARR	ARR			
<b>995</b>	<b>Diss-Cand</b>				<b>8.00</b>	<b>ENFORCED</b>
	DR IND +	ARR	ARR			

## Statistics Department

### Statistics (STATS)

750	Directed Reading						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					



## Women's Studies Program

### 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**  
**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 IND +		ARR	ARR		1.00-8.00		
990	Intr to Res Rotation I IND +		ARR	ARR		1.00-8.00	ADVISORY	
995	Diss-Cand Res DR IND +		ARR	ARR		8.00	ENFORCED	

## Biological Chemistry Department

### Biological Chemistry (BIOLCHEM)

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

## Cell and Developmental Biology

### Anatomy and Cell Biology (ANAT)

800	Special Topics						1.00	
60356	PI LEC 001		ARR	ARR				
990	Diss-Precand						1.00-8.00	ADVISORY
	I IND +		ARR	ARR				
995	Diss-Cand						8.00	ADVISORY, ENFORCED
	IR IND +		ARR	ARR				

### 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				

## Cellular and Molecular Biology

### Cellular And Molecular Biology (CMBIOL)

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

## 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 IND +		ARR	ARR		1.00-16.00	ADVISORY	
990	Diss-Precand 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
61575	P SEM 001 T		4-6PM	2062 PALM	Schteingart			
605	Mentored Clin Res						1.50-4.00	ADVISORY
61748	P LAB 002		ARR	ARR	Schteingart, Marshall-Wilhelm			
606	Clinical Res Sem						1.00-2.00	ADVISORY
61892	P SEM 001		ARR	ARR				
607	Clin Res Symposia						1.00-2.00	ADVISORY
61373	P SEM 001		ARR	ARR	Schteingart			
611	Intro Clin Res Meth						2.00	ADVISORY
61749	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	
60357	S R LEC 001	W	2-5PM	ARR				
60358	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 I IND +		ARR	ARR		1.00-9.00	ADVISORY	
801	Neurosci Res Method I IND +		ARR	ARR		1.00-9.00	ADVISORY	
990	Diss-Precand I IND +		ARR	ARR		1.00-8.00	ADVISORY	
995	Diss-Cand R IND +		ARR	ARR		8.00	ENFORCED	

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				

## 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							2.00-6.00
	I IND +		ARR	ARR				
599	Non-Diss Research							1.00-8.00
	I IND +		ARR	ARR				
699	Ind Ug Research							1.00-9.00
	I IND +		ARR	ARR			ADVISORY	
850	Res Colloq Exp Path							1.00
60404	PI DIS 001		ARR	ARR			ADVISORY	
920	Research in Path							1.00-6.00
	I IND +		ARR	ARR			ADVISORY	
990	Pre-Cand Diss Res							1.00-8.00
	I IND +		ARR	ARR			ADVISORY	
995	Cand Diss Research							8.00
	IR IND +		ARR	ARR			ENFORCED	

## 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				

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

## Pharmacology Department

### Pharmacology (PHRMACOL)

600	Independent Study					1.00-8.00	ADVISORY	
	D IND +		ARR	ARR				
990	Diss-Precand					1.00-8.00	ADVISORY	
	D 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		

**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				
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   IND +		ARR	ARR			1.00-16.00	
599	Clinical Research   IND +		ARR	ARR			2.00-8.00	ADVISORY

# 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				

### Jazz & Improvisational Studies (JAZZ)

454	Special Topics					2.00		
61405	PI LEC 001		ARR	ARR		Sarath		

### 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	
62420	PI REC 201		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)

461	Performance Systems					3.00	ADVISORY, ENFORCED	
62569	PIR LEC 201		ARR	ARR		Simoni		
62570	PIR LEC 202		ARR	ARR		Essl		
481	Independent Stds					1.00-4.00	ADVISORY	
	I IND +		ARR	ARR				
561	Perf Systems					3.00	ADVISORY	
62571	PI LEC 201		ARR	ARR		Simoni		
62572	PI LEC 202		ARR	ARR		Essl		

### 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

# 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>422</b>	<b>Community Care Nurs</b>					<b>6.00</b>	<b>ADVISORY</b>	<b>200.00</b>
* 61537	A LEC 001	W	8-11AM	1230 SNB	Ziemba			
61538	P CLN 002 P CLN 002	W TH	1-5PM 8-5PM	WASHCTY HD WASHCTY HD	Sarkar, Ziemba			
* 61539	P CLN 003 P CLN 003	W TH	1-5PM 8-5PM	JACKSON CTY JACKSON CTY	Dallwig, Ziemba			
* 61540	P CLN 004 P CLN 004	W TH	1-5PM 8-5PM	ARR WASHCTY HD	Rolston, Ziemba			
Location is in the Ann Arbor/Ypsilanti area.								
61629	P CLN 005 P CLN 005	W TH	1-5PM 8-5PM	ARR ARR	Ziemba			
Meals on Wheels Project								
61630	P CLN 006 P CLN 006	W TH	1-5PM 8-5PM	NC FAM HLTH SVC NC FAM HLTH SVC	Clemen-Stone, Ziemba			
* 62886	P CLN 007 P CLN 007	W TH	1-5PM 8-5PM	LIVINGSTON HD LIVINGSTON HD	McNutt, Ziemba			
62401	P CLN 008		ARR	ARR	Sarkar, Ziemba			
Study Abroad - Ghana								
62512	P CLN 009 P CLN 009	M T	12-5PM 8-5PM	WAYNE CTY WAYNE CTY	Rolston, Ziemba			
Location is TBD, but will be in the Washtenaw County area.								
62523	P CLN 010 P CLN 010	M T	12-5PM 8-5PM	ARR ARR	Dallwig, Ziemba			
Area Agency on Aging 1B								
<b>433</b>	<b>Ment Hlth&amp;Ill Lfspn</b>					<b>6.00</b>	<b>ADVISORY</b>	
61541	A LEC 001	M	8-12PM	SN AUD	Dansel			
*Class meets every Monday.								
61542	P CLN 002	T	12-530PM	HURONVALLEY	Foley			
61543	P CLN 003	T	7-1230PM	UM HOSP	Barbacane			
61544	P R CLN 004	T	830-2PM	VETERANSHOSP	Hite			
61556	P CLN 005	T	3-830PM	HAWTHORN REG	Thomas			
61632	P CLN 006	T	830-2PM	W.REUTHER PH	Sullivan			
61752	P CLN 007	M	3-830PM	UM HOSP	Barbacane			
62403	P CLN 008	M	3-830PM	HAWTHORN REG	Thomas			
62513	P CLN 009	TH	830-2PM	W.REUTHER PH	Thompson			
62865	P CLN 010	TH	3-830PM	UM HOSP	Hite			
<b>435</b>	<b>Leadership&amp;Managemnt</b>					<b>5.00</b>	<b>ADVISORY</b>	
62536	A LEC 001	M	10-12PM	1230 SNB	Aebersold			
<b>435</b>	<b>Leadership&amp;Managemnt</b>					<b>5.00</b>	<b>ADVISORY</b>	
A	LEC 001	M	1-3PM	1230 SNB				
This is a precepted clinical course. Students will follow the preceptor's work schedule. Please be aware that you will need to adjust your schedule accordingly. All efforts will be make to assign preceptors as soon as possible.								
<b>435</b>	<b>Leadership&amp;Managemnt</b>					<b>5.00</b>	<b>ADVISORY</b>	
61546	P CLN 002	M	3-5PM	ARR	Tschannen			
This is a precepted clinical course. Students will follow the preceptor's work schedule. Please be aware that you will need to adjust your schedule accordingly. All efforts will be make to assign preceptors as soon as possible.								
61547	P CLN 003	M	3-5PM	ARR	Anderson			
This is a precepted clinical course. Students will follow the preceptor's work schedule. Please be aware that you will need to adjust your schedule accordingly. All efforts will be make to assign preceptors as soon as possible.								
61624	P CLN 004	M	3-5PM	ARR	Smith			
This is a precepted clinical course. Students will follow the preceptor's work schedule. Please be aware that you will need to adjust your schedule accordingly. All efforts will be make to assign preceptors as soon as possible.								
61759	P CLN 005	M	3-5PM	ARR	Kruszewski			
This is a precepted clinical course. Students will follow the preceptor's work schedule. Please be aware that you will need to adjust your schedule accordingly. All efforts will be make to assign preceptors as soon as possible.								
62409	P CLN 006	M	3-5PM	ARR	Piscotty			
This is a precepted clinical course. Students will follow the preceptor's work schedule. Please be aware that you will need to adjust your schedule accordingly. All efforts will be make to assign preceptors as soon as possible.								
62514	P CLN 007	M	3-5PM	ARR	Goldberg			
This is a precepted clinical course. Students will follow the preceptor's work schedule. Please be aware that you will need to adjust your schedule accordingly. All efforts will be make to assign preceptors as soon as possible.								
61545	P CLN 999		ARR	ARR				
<b>455</b>	<b>Trans Prof Practice</b>					<b>3.00</b>	<b>ADVISORY</b>	
61549	A LEC 001	M	10-12PM	1240 SNB	Aebersold			
<b>455</b>	<b>Trans Prof Practice</b>					<b>3.00</b>	<b>ADVISORY</b>	
A	LEC 001	M	1-3PM	ARR				
Seminar times: 3-5p on Mondays								
<b>455</b>	<b>Trans Prof Practice</b>					<b>3.00</b>	<b>ADVISORY</b>	
62867	P CLN 002	M	3-5AM	ARR	Tschannen			

This is a precepted clinical course. Students will follow the preceptor's work schedule. Please be aware that you will need to adjust your schedule accordingly. All efforts will be made to assign preceptors as soon as possible.

61550 P CLN 003 M 3-5PM ARR Anderson

This is a precepted clinical course. Students will follow the preceptor's work schedule. Please be aware that you will need to adjust your schedule accordingly. All efforts will be made to assign preceptors as soon as possible.

61623 P CLN 004 M 3-5PM ARR Smith

This is a precepted clinical course. Students will follow the preceptor's work schedule. Please be aware that you will need to adjust your schedule accordingly. All efforts will be made to assign preceptors as soon as possible.

61753 P CLN 005 M 3-5PM ARR Kruszewski

This is a precepted clinical course. Students will follow the preceptor's work schedule. Please be aware that you will need to adjust your schedule accordingly. All efforts will be made to assign preceptors as soon as possible.

62410 P CLN 006 M 3-5PM ARR Piscotty

This is a precepted clinical course. Students will follow the preceptor's work schedule. Please be aware that you will need to adjust your schedule accordingly. All efforts will be made to assign preceptors as soon as possible.

62515 P CLN 007 M 3-5PM ARR Goldberg

This is a precepted clinical course. Students will follow the preceptor's work schedule. Please be aware that you will need to adjust your schedule accordingly. All efforts will be made to assign preceptors as soon as possible.

61548 P CLN 999 ARR ARR

**499 Independent Study** 1.00-5.00 ADVISORY

I IND + ARR ARR

**503 Adv Hlth Assess** 3.00 ADVISORY 230.00

62398 A LEC 101 F 9-12PM 1230 SNB Boucher, Bumpus

62399 P R CLN 102 F 1-5PM ARR Boucher

62946 P R CLN 103 F 1-5PM ARR Moriarty

62947 P R CLN 104 F 1-5PM ARR Bigelow

62948 P R CLN 105 F 1-5PM ARR Pardee

62949 P R CLN 106 F 1-5PM ARR Bumpus

62950 P R CLN 107 F 1-5PM ARR O'Grady

**504 Adv Prac Role Devel** 2.00

62891 P LEC 001 W 830-1130AM ARR Hartman

**504 Adv Prac Role Devel** 2.00

P LEC 001 W 12-3PM ARR

Exam June 22

**536 Util of Nurs Res** 2.00-3.00 ADVISORY

61383 PDR LEC 001 F 1-3PM 1184 SNB Johnson-Lawrence

Registration is by permission only. Email [annamm@umich.edu](mailto:annamm@umich.edu) for an override if you have met the prerequisites: Approved undergraduate statistics course, basic course in research methods, completion of N532, completion (or concurrent) with N603. Completed required Statistics Modules. Web based course. On Campus days are: 5/6, 6/3, 6/24, 7/22. Some classes will have additional meeting times for discussions, chats and Centra sessions, check the course syllabus for more information. This class has a mandatory online component which requires attendance every Wednesday from 7:30-8:30pm. You will be required to have a computer with a wired Internet connection and purchase a headset with microphone (ClearChat (tm) Pro USB) to attend the online class. You will be expected to attend a mandatory orientation May 4th at 7pm. Please contact [sn-its@umich.edu](mailto:sn-its@umich.edu) for more information.

62516 PDR LEC 002 T 10-130PM 1230 SNB Katapodi

Section 002: Preference will be given to Web Based Programs. Registration is by permission only. Email [annamm@umich.edu](mailto:annamm@umich.edu) for an override if you have met the prerequisites: Approved undergraduate statistics course, basic course in research methods, completion of N532, completion (or concurrent) with N603. Completed required Statistics modules. Some classes will have additional meeting times for discussions, chats and Centra sessions, check the course syllabus for more information.

**543 Adv Pathophysiology** 3.00

61911 P LEC 001 TH 230-4PM 3152 SNB O'Grady

web-based course

**567 Iss Adv Comm Hlth** 1.00-4.00 ADVISORY

62568 P LEC 844 ARR ARR Clemen-Stone

**578 Psych Clin Prac I** 3.00

62895 A SEM 001 TH 1-3PM 1180 SNB Sullivan

62896 P LAB 002 ARR ARR Sullivan

**579 AC/Gero Clin Prac II** 3.00 ADVISORY, ENFORCED

62506 A R LEC 001 W 3-5PM 3156 SNB Blush

62508 P R LAB 002 ARR ARR Blush, Struble

**580 Psych Clin Prac II** 3.00 ADVISORY, ENFORCED

62507 A R LEC 001 TH 1-3PM ARR Sullivan

N580 meets with N578 in SNB 1180

62509 P R LAB 002 ARR ARR Sullivan

**603 Data Management** 2.00 ADVISORY

61384 P R LEC 001 F 330-530PM ARR Park

Section 001: Division III students. Web Based course. Registration is by permission only. Email [annamm@umich.edu](mailto:annamm@umich.edu) for an override if you have met the prerequisites: Rackham Graduate Standing; Approved undergraduate statistics course; undergraduate research course or equivalent with permission of instructor; completed required Statistics Modules; completion of N532; completion (or concurrent) with N536 or permission of instructor. Meets at Duderstadt Window1, Windows2. On Campus days are: 5/6, 6/3, 6/24, 7/22. Some classes will have additional meeting times for discussions, chats and Centra sessions, check the course syllabus for more information. This class has a mandatory online component which requires attendance every Wednesday from 6-7pm. You will be required to have a computer with a wired Internet connection and purchase a headset with microphone (ClearChat (tm) Pro USB) to attend the online class. You will be expected to attend a mandatory orientation May 4th at 7pm. Please contact [sn-its@umich.edu](mailto:sn-its@umich.edu) for more information.

61778 P R LEC 002 TH 10-12PM ARR Dechert

Section 002: Division I & II students. Registration is by permission only. Email [annamm@umich.edu](mailto:annamm@umich.edu) for an override if you have met the prerequisites: Approved undergraduate statistics course; undergraduate research course or

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

equivalent with permission of instructor; completed required Statistics Modules; completion of N532, completion (or concurrent) with N536 or permission of instructor. Meets at Duderstadt Windows1, Windows2.

**611 Clin Prac III** **4.00** **ADVISORY, ENFORCED**

62951 P R CLN 002 ARR ARR Blush

**647 Inf Child&Adol Hlth** **5.00** **ENFORCED**

60451 P R SEM 001 T 8-5PM 1184 SNB Marvicsin

60452 A R LAB 002 ARR ARR Marvicsin

**653 Nurs Syst Internship** **3.00** **ADVISORY**

60453 P R SEM 001 F 12-2PM ARR Tschannen

Web Based Course. N653 will meet face-to-face on Friday, May 6 from 12-2pm in room 2184 School of Nursing Building.

**655 Mgt Acc&Fin** **4.00**

60950 P R LEC 001 F 8-12PM 1184 SNB Rivenson

Web Based Course. On Campus days are 5/6, 6/3, 6/24, 7/22

**695 Selected Topics** **1.00-4.00** **ADVISORY**

| IND + ARR ARR

**697 Independent Studies** **1.00-4.00** **ADVISORY**

| IND + ARR ARR

**699 Nrs Scholarly Proj** **1.00-8.00** **ADVISORY**

IF TOTAL ACCUMULATED CREDITS FOR NURSING 699 ARE MORE THAN 2, MUST HAVE PERMISSION OF ACADEMIC ADVISOR AND RESEARCH AREA FACULTY MEMBER.

| IND + ARR ARR

**795 Spec Topics Nursing** **1.00-3.00** **ADVISORY**

| IND + ARR ARR

**797 Independent Study** **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

# 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	ARR	ARR	1.00 Coward	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
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 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	
61822	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)

550	Intro Occ Env Hlth						1.00-3.00	ADVISORY
62629	PD LEC 844		ARR	ARR		Vincent	1.00-3.00	ADVISORY
697	Readings							
	IR IND +		ARR	ARR				
698	Research						1.00-6.00	ADVISORY
	IRW IND +		ARR	ARR				
699	Masters Thesis						1.00	ADVISORY
	IR IND +		ARR	ARR				
899	Adv Research						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				



## Epidemiology Department

### Epidemiology (EPID)

532	Adv Parasitol Lab						2.00-6.00	ADVISORY
	R IND +		ARR	ARR				
546	Adv Virology						2.00-6.00	ADVISORY
	IR IND +		ARR	ARR				
562	Adv Bacteriol Lab						2.00-6.00	ADVISORY
	IR IND +		ARR	ARR				
565	Res Hosp&Molecular						1.00-6.00	ADVISORY
	IR IND +		ARR	ARR				
624	Readings in Epid						1.00-3.00	ADVISORY
	IR IND +		ARR	ARR				
659	Applicatns of Epid						2.00-4.00	ADVISORY
	IR IND +		ARR	ARR				
890	Doct Sem in Epid						2.00	ADVISORY
	IR IND +		ARR	ARR				
970	Research Epid						1.00-8.00	ADVISORY
	IR IND +		ARR	ARR				
974	Res Epid Science						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
	R IND +		ARR	ARR				

## Health Management And Policy

### Health Management And Policy (HMP)

<b>540</b>	<b>Legal/Ethical Res</b>							
61527	PI LEC 333		ARR	ARR			<b>2.00-3.00</b>	<b>ADVISORY</b>
<b>565</b>	<b>Sprdsht Modeling</b>						<b>1.00</b>	<b>ADVISORY</b>
63046	PD LEC 777		ARR	ARR		Mendez		
<b>605</b>	<b>Health Info Tech</b>						<b>1.00</b>	
63045	PD LEC 777		ARR	ARR		Zheng		
<b>631</b>	<b>Hlth Ins&amp;Paymnt Syst</b>						<b>2.00</b>	<b>ADVISORY</b>
62552	PD LEC 777		ARR	ARR		Grazier		
<b>556</b>	<b>Mgt Hlth Care Orgn</b>						<b>3.00</b>	<b>ADVISORY</b>
62553	PD LEC 777		ARR	ARR		Alexander		
<b>663</b>	<b>Econ Hlth Mgmt&amp;Pcly</b>						<b>3.00</b>	<b>ADVISORY</b>
62419	PD LEC 777		ARR	ARR		McLaren		
<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				
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	
62565	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. SOPHOMORES MAY ELECT ACCOUNTING 271 AND 272. 300 LEVEL COURSES REQUIRE JUNIOR OR SENIOR STANDING. 400 LEVEL COURSES REQUIRE SENIOR OR GRADUATE STANDING. 500 LEVEL COURSES OR ABOVE REQUIRE GRADUATE STANDING.

## School of Business Administration

### Accounting (ACC)

593	Management Acctg				2.25	ADVISORY
62379	PI REC 001		ARR	ARR	Lanen	
ACC 593 is reserved for Global MBA students and meets May 23 -- June 2.						
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)

353	Action Learning Proj				7.50	ADVISORY
63095	P RW REC 001 MTTH		930-1130AM	R2310 BUS	Moore	
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		

### Business Information Technology (BIT)

750	Indep Study Project				1.00-3.00	ADVISORY
	I IND +		ARR	ARR		
900	Spec Research Doct				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)

611	Mng Val Chn/Sup Chn				3.00	ADVISORY, ENFORCED
61760	P R REC 001		ARR	ARR	Duenyas	
This course is reserved for Executive MBA students only and meets from May 9 - Aug 29.						
615	Mngmt of Costs				1.50	ADVISORY
61761	P REC 001		ARR	ARR	Klemstine	
This course is reserved for Executive MBA students only and meets from May 9 - July 4.						
622	Competing Globally				1.50	ADVISORY
62499	P REC 001		ARR	ARR	Evenett	
This course is reserved for Executive MBA students only and meets from July 5 - Aug 22.						
623	Compet in Resources				1.50	ADVISORY
61762	P REC 001		ARR	ARR	Ahuja	
This course is reserved for Executive MBA students only and meets from July 5 - Aug 15.						
625	Legal Envirmt of Bus				1.50	ADVISORY
61901	P REC 001		ARR	ARR	Siedel	
This course is reserved for Executive MBA students only and meets from July 5 - Aug 15.						
627	Corp Fin Strategy				1.50	ADVISORY
61902	P REC 001		ARR	ARR	Seyhun	
This course is reserved for Executive MBA students only and meets from May 2 - June 20.						
629	Strat for Growth				3.00	ADVISORY
61904	P REC 001		ARR	ARR	Karnani, Narayanan	
This course is reserved for Executive MBA students only and meets from July 5 - Sept 1.						
632	Lead Orgztl Change				1.50	ADVISORY
61763	P REC 001		ARR	ARR	Quinn	
This course is reserved for Executive MBA students only and meets from July 5 - Aug 22.						
637	Macroecon Envir Bus				1.50	ADVISORY
61764	P REC 001		ARR	ARR	Levenstein	
This course is reserved for Executive MBA students only and meets from May 9 - June 20.						

CAT# Class #	Course Title CODE CMP SEC	DAYS	TIME	LOCATION	CR INSTRUCTOR	PREREQ	LAB FEE
639 61903	Mngmt&Strat Glbl Env P REC 001		ARR	ARR	1.50 Branch		
This course is reserved for Executive MBA students only and meets from May 2 - June 27.							
<b>640</b>	<b>Project Course</b>				<b>6.00</b>	<b>ADVISORY</b>	
61747	P REC 001		ARR	ARR	Lawlor, Middleton		
This course is reserved for Executive MBA students only and meets from May 9 - Aug 12.							
<b>641</b>	<b>Leadership</b>				<b>1.50</b>	<b>ADVISORY</b>	
62385	P REC 001		ARR	ARR	Jackson		
This course is reserved for Executive MBA students only and meets from May 2 - June 13.							
<b>Finance (FIN)</b>							
<b>551</b>	<b>Finan Mgt &amp; Pol</b>				<b>3.00</b>	<b>ENFORCED</b>	
62863	P RW REC 451 W		6-9PM	R2230 BUS	Carmel, Khokher		
<b>591</b>	<b>Financial Mgmt</b>				<b>2.25</b>	<b>ADVISORY</b>	
62380	PI REC 001		ARR	ARR	Kim		
FIN 591 is reserved for Global MBA students and meets from May 10 -- May 20.							
<b>750</b>	<b>Indep Study Project</b>				<b>1.00-3.00</b>	<b>ADVISORY</b>	
	I IND +		ARR	ARR			
<b>900</b>	<b>Special Research</b>				<b>1.00-6.00</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>ENFORCED</b>	
	R IND +		ARR	ARR			
<b>Marketing (MKT)</b>							
<b>591</b>	<b>Marketing Mngmt</b>				<b>2.25</b>	<b>ADVISORY</b>	
62381	PI REC 001		ARR	ARR	Manchanda		
MKT 591 is reserved for Global MBA students and meets from Aug 11 to Aug 22.							
<b>750</b>	<b>Indep Study Project</b>				<b>1.00-3.00</b>	<b>ADVISORY</b>	
	I IND +		ARR	ARR			
<b>900</b>	<b>Special Research</b>				<b>1.00-6.00</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>ENFORCED</b>	
	IR IND +		ARR	ARR			
<b>Management and Organizations (MO)</b>							
<b>593</b>	<b>Hum Behav&amp;Orgnztn</b>				<b>2.25</b>	<b>ADVISORY</b>	
62382	PI REC 001		ARR	ARR	Sutcliffe		
MO 593 is reserved for Global MBA students and meets from July 5 to July 15.							
<b>750</b>	<b>Indep Study Project</b>				<b>1.00-3.00</b>	<b>ADVISORY</b>	
	I IND +		ARR	ARR			
<b>900</b>	<b>Special Research</b>				<b>1.00-6.00</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>ENFORCED</b>	
	IR IND +		ARR	ARR			
<b>Operations and Management Science (OMS)</b>							
<b>593</b>	<b>Operations Mgt</b>				<b>2.25</b>	<b>ADVISORY</b>	
62383	PI REC 001		ARR	ARR	Beil		
OMS 593 is reserved for Global MBA students and meets from 8/22/11 - 9/1/11.							
<b>750</b>	<b>Indep Study Project</b>				<b>1.00-3.00</b>	<b>ADVISORY</b>	
	I IND +		ARR	ARR			
<b>900</b>	<b>Spec Phd Research</b>				<b>1.00-6.00</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>ENFORCED</b>	
	IR IND +		ARR	ARR			
<b>Strategy (STRATEGY)</b>							
<b>425</b>	<b>ABIS</b>				<b>1.00</b>		
62864	PI REC 001		ARR	ARR	Tsai		
<b>591</b>	<b>Corporate Strategy</b>				<b>2.25</b>	<b>ADVISORY</b>	
62384	PI REC 001		ARR	ARR	Jensen		
STRATEGY 591 is reserved for Global MBA students and meets from July 29 to Aug 6.							
<b>750</b>	<b>Indep Study Project</b>				<b>1.00-3.00</b>	<b>ADVISORY</b>	
	I IND +		ARR	ARR			
<b>900</b>	<b>Doctoral Research</b>				<b>1.00-6.00</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>ENFORCED</b>	
	R IND +		ARR	ARR			

CAT#	Course Title					CR	PREREQ	LAB FEE
Class #	CODE CMP SEC	DAYS	TIME	LOCATION	INSTRUCTOR			
Weekend Master of Business Administration (WMBA)								
<b>501</b>	<b>Prin Fin Acc</b>					<b>2.25</b>		
62500	P REC 001	F	4-910PM	R2230 BUS	Wright			
<b>501</b>	<b>Prin Fin Acc</b>					<b>2.25</b>		
	P REC 001	SA	9-510PM	R2230 BUS				
<b>502</b>	<b>Appl Microecon</b>					<b>2.25</b>		
62501	P REC 001	F	4-930PM	ARR	Clyde			
<b>502</b>	<b>Appl Microecon</b>					<b>2.25</b>		
	P REC 001	SA	9-530PM	ARR				
<b>503</b>	<b>Appl Bus Stat</b>					<b>2.25</b>		
62502	P REC 001		ARR	ARR	Ahn			
<b>504</b>	<b>Marketing Mngmt</b>					<b>2.25</b>		
62504	P REC 001		ARR	ARR	Wooten			
<b>601</b>	<b>Strat Mktg Plan</b>					<b>2.25</b>	<b>ADVISORY</b>	
62870	P REC 001	F	4-910PM	R2240 BUS	Kinnear			
<b>601</b>	<b>Strat Mktg Plan</b>					<b>2.25</b>	<b>ADVISORY</b>	
	P REC 001	SA	9-510PM	R2240 BUS				
<b>602</b>	<b>Strategies-Growth</b>					<b>2.25</b>	<b>ADVISORY</b>	
62871	P REC 001		ARR	ARR	Karnani			
<b>603</b>	<b>Valuation</b>					<b>2.25</b>	<b>ADVISORY</b>	
62905	P REC 001		ARR	ARR	Seyhun			
<b>604</b>	<b>Leadership Developmt</b>					<b>3.00</b>	<b>ADVISORY</b>	
62872	P REC 001		ARR	ARR	Mayer			



# 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				
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	
62888	P R LEC 001 M		8-12PM	1301S.UNIVERSITY	Warren			
612	Mentl Hlt&Disor Chl					3.00	ADVISORY, ENFORCED	
60531	P R LEC 001 T		8-12PM	1794 SSWB	Sherman			
614	Uses Psych Testing					3.00	ENFORCED	
60532	P R LEC 001 T		6-10PM	3752 SSWB	Reese			
617	Death, Loss&Grief					3.00	ENFORCED	
60533	P R LEC 001 T		1-5PM	3752 SSWB	Schmall, Wade			
620	Contemp Cult U.S.					3.00	ADVISORY, ENFORCED	
62494	P R LEC 001 M		8-12PM	2816 SSWB	Lewis			
623	Pract with Families					3.00	ADVISORY, ENFORCED	
60536	P R LEC 001 M		1-5PM	2816 SSWB	Hollingsworth			
60537	P R LEC 002 T		8-12PM	3752 SSWB	Weissman			
624	Inperprac-Groups					3.00	ADVISORY, ENFORCED	
60538	P R LEC 001 M		1-5PM	3816 SSWB	Tolman			

CAT# Class #	Course Title CODE CMP SEC	DAYS	TIME	LOCATION	CR INSTRUCTOR	PREREQ	LAB FEE
62386	P R LEC 002	T	8-12PM	2816 SSWB	Ortega		
<b>625</b>	<b>Child &amp; Youth</b>				<b>3.00</b>	<b>ADVISORY, ENFORCED</b>	
60539	P R LEC 001	M	1-5PM	2752 SSWB	Ribaudo		
61900	P R LEC 002	T	8-12PM	3816 SSWB	Fischer		
62920	P R LEC 003	T	1-5PM	2816 SSWB	Sherman		
<b>628</b>	<b>IP - Adult Indiv</b>				<b>3.00</b>	<b>ADVISORY, ENFORCED</b>	
60540	P R LEC 001	M	1-5PM	2302 SEB	Chute		
62389	P R LEC 002	T	6-10PM	3816 SSWB	Sanders		
<b>642</b>	<b>S W Educ Settings</b>				<b>3.00</b>	<b>ADVISORY, ENFORCED</b>	
60554	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>	
61899	P R LEC 001	M	1-5PM	2228 SEB	Brady		
<b>657</b>	<b>Multicult&amp;Multiling</b>				<b>3.00</b>	<b>ADVISORY, ENFORCED</b>	
62503	P R LEC 001	M	1-5PM	1301S.UNIVERSITY	Spencer, Warren		
<b>663</b>	<b>Grant,Contr&amp;Fundr</b>				<b>3.00</b>	<b>ADVISORY, ENFORCED</b>	
60543	P R LEC 001	M	1-5PM	1804 SSWB	Miller		
<b>664</b>	<b>Mgt Hum Resources</b>				<b>3.00</b>	<b>ADVISORY, ENFORCED</b>	
61751	P R LEC 001	T	8-12PM	2752 SSWB	Woodford		
<b>671</b>	<b>Soc Pol Dev&amp;Enactmt</b>				<b>3.00</b>	<b>ADVISORY, ENFORCED</b>	
62866	P R LEC 001	M	8-12PM	1794 SSWB	Tropman		
<b>683</b>	<b>Eval In Social Work</b>				<b>3.00</b>	<b>ADVISORY, ENFORCED</b>	
60546	P R LEC 001	M	1-5PM	3752 SSWB	Glenn		
61645	P R LEC 002	T	8-12PM	3330 MH	Savas		
This section will meet with section 003.							
63162	PDR LEC 003	T	8-12PM	3330 MH	Savas		
This section will meet with 002.							
<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>	
61150	P R LEC 001	M	8-12PM	3816 SSWB	Ribaudo		
61151	P R LEC 002	M	8-12PM	2752 SSWB	Sanders		
61750	P R LEC 003	T	8-12PM	2302 SEB	Ribaudo		
<b>698</b>	<b>Pract Mental Health</b>				<b>3.00</b>	<b>ADVISORY, ENFORCED</b>	
61152	P R LEC 001	M	8-12PM	3752 SSWB	Weissman		
61153	P R LEC 002	M	8-12PM	2302 SEB	Glenn		
61898	P R LEC 003	T	8-12PM	1804 SSWB	Svensson		
<b>699</b>	<b>SW Prac Health Promo</b>				<b>3.00</b>	<b>ADVISORY, ENFORCED</b>	
61154	P R LEC 001	M	8-12PM	1804 SSWB	Siefert		
<b>715</b>	<b>Adven/Exper SW Prac</b>				<b>3.00</b>		
62537	P LEC 001	T	1-5PM	3816 SSWB	Alvarez		
<b>790</b>	<b>Adv Topics in IP</b>				<b>1.00</b>		
61766	P R SEM 002	THF	830-430PM	3816 SSWB	Ribaudo		
Theory & Prac Infant Mntl Hlth							
Meeting location is tentative.							
61906	P R SEM 003	WTH	830-430PM	3816 SSWB	Foley		
Curr Treatmt Trauma Survivors							
Meeting location is tentative.							
61905	P R SEM 004	W	830-430PM	3816 SSWB	Siefert		
Soc Wk&the Animal Human Bond							
Meeting location is tentative.							
62521	P R SEM 005	THF	830-430PM	3816 SSWB	Sinks		
Workg w/Indiv w/Dementia & Fam							
Meeting location is tentative.							
62524	P R SEM 006	FSA	830-430PM	3752 SSWB	Haas, Handy		
Bas Skills for Dial Behav Ther							
Meeting location is tentative.							
62525	P R SEM 007	W	830-430PM	ARR	Foley		
Curr Treatmt Trauma Survivors							
Class will meet in 1840 SSWB.							
63109	PDR SEM 008	FSA	830-430PM	1804 SSWB	Heap		
Bas Skills for Dial Behav Ther							
<b>799</b>	<b>Adv Topics Macro SW</b>				<b>1.00</b>		
61767	P R SEM 001	TH	830-430PM	3752 SSWB	Gant		
HIV/AIDS: Evi Bas Prg Pol&Serv							
Meeting location is tentative.							
61768	P R SEM 002	TH	830-430PM	3752 SSWB	Gant		
GIS for Social Workers							
Meeting location is tentative.							
62522	P R SEM 003	TH	830-430PM	3816 SSWB	Warren		
Undstdg Divers Soc Just Dialog							
Meeting location is tentative.							
<b>801</b>	<b>Research Internship</b>				<b>1.00-8.00</b>	<b>ADVISORY</b>	
	I IND +		ARR	ARR			
<b>802</b>	<b>Research Internship</b>				<b>1.00-8.00</b>	<b>ADVISORY</b>	
	I IND +		ARR	ARR			
<b>803</b>	<b>Research Internship</b>				<b>1.00-8.00</b>	<b>ADVISORY</b>	
	I IND +		ARR	ARR			
<b>900</b>	<b>Prep Candidacy Eval</b>				<b>1.00-8.00</b>	<b>ADVISORY</b>	
	I IND +		ARR	ARR			

CAT# Class #	Course Title CODE CMP SEC	DAYS	TIME	LOCATION	CR INSTRUCTOR	PREREQ	LAB FEE
971	Directed Reading   IND +		ARR	ARR	1.00-4.00	ADVISORY	
972	<b>Directed Reading</b>   IND +		ARR	ARR	<b>1.00-4.00</b>	<b>ADVISORY</b>	
973	<b>Directed Reading</b>   IND +		ARR	ARR	<b>1.00-4.00</b>	<b>ADVISORY</b>	
974	<b>Directed Reading</b>   IND +		ARR	ARR	<b>1.00-4.00</b>	<b>ADVISORY</b>	
975	<b>Directed Research</b>   IND +		ARR	ARR	<b>1.00-4.00</b>	<b>ADVISORY</b>	
976	<b>Directed Research</b>   IND +		ARR	ARR	<b>1.00-4.00</b>	<b>ADVISORY</b>	
977	<b>Directed Research</b>   IND +		ARR	ARR	<b>1.00-4.00</b>	<b>ADVISORY</b>	
978	<b>Directed Research</b>   IND +		ARR	ARR	<b>1.00-4.00</b>	<b>ADVISORY</b>	
990	<b>Diss-Precand</b>   IND +		ARR	ARR	<b>1.00-8.00</b>	<b>ADVISORY</b>	
995	<b>Diss-Cand</b>   IR IND +		ARR	ARR	<b>8.00</b>	<b>ENFORCED</b>	