

# 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

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

# Art and Design

## School Of Art And Design

### Art and Design (ARTDES)

<b>320</b>	<b>Exchange Program</b>							
63357	P LAB 009		ARR	ARR			<b>6.00-18.00</b>	
Berlin						Schmidt		
63209	P LAB 010		ARR	ARR				
<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				

# Business Administration

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
64941	PI REC 001	ARR		ARR	Lanen	
Class meets from May 18 to May 28.						
750	Indep Study Project				1.00-3.00	ADVISORY
	I IND +	ARR		ARR		
900	Special Research				1.00-6.00	
	I IND +	ARR		ARR		
990	Diss-Precand				1.00-8.00	ADVISORY
	I IND +	ARR		ARR		
995	Diss-Cand				8.00	ENFORCED
	IR IND +	ARR		ARR		

### Business Administration (BA)

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

### Business Economics And Public Policy (BE)

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

### 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
63667	P R REC 001	ARR		ARR	Duenyas	
This course is reserved for Executive MBA students only, and meets from 5/24 - 8/31.						
615	Mngmt of Costs				1.50	ADVISORY
63669	P REC 001	ARR		ARR	Lanen	
This course is reserved for Executive MBA students only, and meets from 5/14 - 7/20.						
623	Compet in Resources				1.50	ADVISORY
63671	P REC 001	ARR		ARR	Karnani	
This course is reserved for Executive MBA students only, and meets from 7/20 - 9/13.						
625	Legal Envirmt of Bus				1.50	ADVISORY
63977	P REC 001	ARR		ARR	Siedel III	
This course is reserved for Executive MBA students only, and meets from 7/6 - 8/17.						
627	Corp Fin Strategy				1.50	ADVISORY
63979	P REC 001	ARR		ARR	Seyhun	
This course is reserved for Executive MBA students only, and meets from 5/4 - 6/22.						
628	Corporate Governance				1.50	ADVISORY
63981	P REC 001	ARR		ARR	Schipani	
This course is reserved for Executive MBA students only, and meets from 5/4 - 6/29.						
629	Strat for Growth				3.00	ADVISORY
63985	P REC 001	ARR		ARR	Karnani, Narayanan	
This course is reserved for Executive MBA students only, and meets from 7/6 - 9/3.						
632	Lead Orgztl Change				1.50	ADVISORY
63673	P REC 001	ARR		ARR	Sutcliffe	
This course is reserved for Executive MBA students only, and meets from 7/20- 9/7.						
637	Macroecon Envir Bus				1.50	ADVISORY
63675	P REC 001	ARR		ARR	Levenstein	
This course is reserved for Executive MBA students only, and meets from 5/14 - 7/6.						
639	Mngmt&Strat Gbl Env				1.50	
63983	P REC 001	ARR		ARR	Kennedy	

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

This course is reserved for Executive MBA students only, and meets from 5/4 - 6/15.

<b>640</b>	<b>Project Course</b>				<b>6.00</b>	<b>ADVISORY</b>	
63625	P REC 001		ARR	ARR		Lawlor, Middleton	

This course is reserved for Executive MBA students only, and meets from 5/18 - 8/14.

<b>641</b>	<b>Leadership</b>				<b>1.50</b>	<b>ADVISORY</b>	
64950	P REC 001		ARR	ARR		Jackson	

This course is reserved for Executive MBA students only, and meets from 7/6 - 8/24.

### Finance (FIN)

<b>591</b>	<b>Financial Mgmt</b>				<b>2.25</b>	<b>ADVISORY</b>	
64942	PI REC 001		ARR	ARR		Kim	

Class meets from May 5 to May 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>	
	R IND +		ARR	ARR			

### Marketing (MKT)

<b>591</b>	<b>Marketing Mngmt</b>				<b>2.25</b>	<b>ADVISORY</b>	
64943	P REC 001		ARR	ARR		Gershoff	

Class meets from 7/22 to 8/3.

<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			

### Management and Organizations (MO)

<b>593</b>	<b>Hum Behav&amp;Orgnztin</b>				<b>2.25</b>	<b>ADVISORY</b>	
64944	P REC 001		ARR	ARR		Davis	

Class meets from June 22 to July 2.

<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			

### Operations and Management Science (OMS)

<b>593</b>	<b>Operations Mgt</b>				<b>2.25</b>	<b>ADVISORY</b>	
64945	P REC 001		ARR	ARR		Hopp	

Class meets from July 8 to July 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>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			

### Strategy (STRATEGY)

<b>425</b>	<b>ABIS</b>				<b>1.00</b>		
65159	PI REC 001		ARR	ARR		Tsai	

<b>591</b>	<b>Corporate Strategy</b>				<b>2.25</b>	<b>ADVISORY</b>	
64946	P REC 001		ARR	ARR		Karnani	

Class meets from 8/5 to 8/14.

<b>750</b>	<b>Indep Study Project</b>				<b>1.00-3.00</b>		
	I IND +		ARR	ARR			

<b>900</b>	<b>Doctoral Research</b>				<b>1.00-6.00</b>		
	I IND +		ARR	ARR			

<b>990</b>	<b>Diss-Precand</b>				<b>1.00-8.00</b>		
	I IND +		ARR	ARR			

<b>995</b>	<b>Diss-Cand</b>				<b>8.00</b>	<b>ENFORCED</b>	
	R IND +		ARR	ARR			

# Dental Hygiene

## Dental Hygiene-Dentistry

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

<b>484</b>	<b>Special Populations</b>					<b>3.00</b>	<b>ADVISORY</b>	
64983	P LEC 001		ARR	ARR		Ridley		
<b>485</b>	<b>Community I</b>					<b>3.00</b>	<b>ADVISORY</b>	
64982	P LEC 001		ARR	ARR		Wyche		
<b>489</b>	<b>Contemp DH Practice</b>					<b>3.00</b>		
64985	P LEC 001		ARR	ARR		Gwozdek		
<b>490</b>	<b>Practicum</b>					<b>3.00</b>		
64984	P LEC 001		ARR	ARR		Klausner		

# Dentistry

## School Of Dentistry

### Dentistry (DENT)

490	Independ Research				1.00-3.00		
	IND +	ARR	ARR				
646	ITDP: Periodontics				1.00-5.00		
63869	P SEM 101	ARR	ARR		Richards		
647	ITDP: Oral Path/Med				1.00-5.00		
63871	P SEM 101	ARR	ARR		Cordell		
648	ITDP: Oral Surgery				1.00-5.00		
63873	P SEM 101	ARR	ARR		Hita-Iglesias		
720	Comprehensive Care Clinic				0.00-10.00	ENFORCED	75.00
65016	P R LAB 001	ARR	ARR		Heys		
65448	P R LAB 002	ARR	ARR		Heys		
720A	Periodontics				0.00-10.00	ENFORCED	
65017	P R LAB 001	ARR	ARR		Heys		
65449	P R LAB 002	ARR	ARR		Heys		
720B	Operative				0.00-10.00	ENFORCED	
65018	P R LAB 001	ARR	ARR		Heys		
65450	P R LAB 002	ARR	ARR		Heys		
720C	Prosthodontics				0.00-10.00	ENFORCED	
65451	P R LAB 002	ARR	ARR		Heys		
740	Clinical Rotation - Oral Surgery				3.00	ENFORCED	
63613	P R LAB 001	ARR	ARR				
743B	Clinical Rotation: Pediatric				2.00		
65424	P LAB 101	ARR	ARR		Boynton		
747	Pediatric Dentistry				1.00		
62783	P LEC 001 MWTH	8-9AM	G378 DENT		Boynton		
840	Oral Surgery				1.00		
63603	P LAB 101	ARR	ARR		Karam		
998	Curr Practical Prjct				1.00		
64033	P SEM 101	ARR	ARR		Woolfolk		

### Dental Hygiene (DHYGRACK)

682	Sem Dentl Hyg				2.00		
60097	P SEM 001	ARR	ARR				

### Endodontics (ENDODONT)

652	Clin Endodontics				1.00-2.00		
60099	P LAB 001	ARR	ARR		McDonald		
653	Sem-Endodontics				1.00-2.00		
60101	P SEM 001	ARR	ARR		McDonald		
655	Endo Research				1.00-3.00		
	I IND +	ARR	ARR				
657	Endodontic Surgery				2.00		
60103	P SEM 001	ARR	ARR				
659	Current Lit Review				1.00		
60105	P SEM 001	ARR	ARR		McDonald		
660	Case Pres & Treat				1.00		
60107	P SEM 001	ARR	ARR		McDonald		

### Oral Biology (ORALBIOL)

678	Stat Meth Oral Biol				1.00-3.00	ADVISORY	
60109	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				

### Oral Diagnosis (ORALDIAG)

660	Thesis Investigatn				1.00-2.00		
	I IND +	ARR	ARR				
661	Clinical Oral Diag				1.00-6.00		
60117	P LAB 001	ARR	ARR				
665	Rad-Hyg-Radiography				1.00		
60119	P SEM 001	ARR	ARR				

### Oral Health Sciences (ORALHEAL)

812	Sci Lab Rotations				3.00		
	IND +	ARR	ARR				
813	Culture of Science				2.00		
60123	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	
	IND +	ARR	ARR				

CAT# Class #	Course Title CODE CMP SEC	DAYS	TIME	LOCATION	CR INSTRUCTOR	PREREQ	LAB FEE
995	Dissertation-Cand R IND +		ARR	ARR	8.00	ENFORCED	
<b>Oral Pathology (ORALPATH)</b>							
692	Surgical Oral Path				1.00-8.00	ADVISORY	
60131	P LAB 001		ARR	ARR			
693	Clinical Oral Path				1.00-4.00	ADVISORY	
60133	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	
60137	P SEM 001		ARR	ARR			
699	Journal Club				1.00-4.00	ADVISORY	
60139	P SEM 001		ARR	ARR			
<b>Oral Surgery (ORALSURG)</b>							
752	Clin Oral Surg Serv				3.00		
60141	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		
65224	P LEC 001		ARR	ARR		Hatch	
760	Clinical Orthodon				1.00-2.00		
60145	P LAB 001		ARR	ARR		Conley	
761	Ortho Techniques				1.00-3.00		
63403	P SEM 001		ARR	ARR		McNamara Jr	
762	Sem in Orthodontics				2.00		
60147	P SEM 001		ARR	ARR			
763	Ortho Pediat Dent				3.00		
60149	P LAB 001		ARR	ARR			
766	Research-Thesis				1.00-2.00		
	I IND +		ARR	ARR			
778	Mg Chl Craniofac				1.00		
63395	P LEC 001		ARR	ARR		Kelly	
<b>Pediatric Dentistry (PEDDENT)</b>							
591	Clinical Ped Dent				1.00-5.00		
60151	P LAB 001		ARR	ARR			
594	Investigatn-Thesis				1.00-3.00		
	I IND +		ARR	ARR			
<b>Periodontics (PERIODON)</b>							
780	Periodontic Clinic				1.00-6.00		
60155	P LAB 001		ARR	ARR		Wang	
782	Sem in Periodontics				1.00		
62425	P LEC 101		ARR	ARR			
786	Periodontal Therapy				1.00-2.00		
60157	P LAB 001		ARR	ARR			
790	Thesis Investigatn				1.00-3.00		
	I IND +		ARR	ARR			
<b>Prosthodontics (PROSTHOD)</b>							
635	Impression Making				1.00		
60161	P SEM 001		ARR	ARR			
638	Partial Dent Theory				1.00		
60163	P SEM 001		ARR	ARR			
639	Applic Partial Dent				1.00	ADVISORY	
60165	P SEM 001		ARR	ARR			
643	Clin Prosthodontics				1.00-3.00		
62077	P LAB 001		ARR	ARR		Razzoog	
645	Thesis Investigatn				1.00-3.00		
	I IND +		ARR	ARR			
648	Adv Prostho Seminar				1.00		
60167	P SEM 001		ARR	ARR			
738	Crown&Bridge Prosth				1.00-2.00		
60169	P SEM 001		ARR	ARR			
882	Ceramo-Metal Proc				1.00		
60171	P SEM 001		ARR	ARR		Beard	
<b>Restorative (RESTORA)</b>							
742	Clin Restor Dent				1.00-8.00		
60173	P LAB 001		ARR	ARR		Yaman	
743	Thesis Investigatn				1.00-3.00		
	I IND +		ARR	ARR			
744	Sem Operative Dent				1.00-3.00		
60177	P SEM 101		ARR	ARR			
748	Spec Topc Oper Dent				1.00-3.00		

CAT#	Course Title					CR	PREREQ	LAB FEE
Class #	CODE CMP SEC	DAYS	TIME	LOCATION	INSTRUCTOR			
60179	P SEM 001		ARR	ARR				
<b>860</b>	<b>Neuromuscular Phys</b>					<b>1.00</b>		
63821	P SEM 101		ARR	ARR	Gerstner			
<b>866</b>	<b>Masticatory System</b>					<b>1.00</b>	<b>ADVISORY</b>	
60181	P SEM 001		ARR	ARR				
<b>868</b>	<b>Bioengin Occlusion</b>					<b>2.00</b>	<b>ADVISORY</b>	
60183	P SEM 001		ARR	ARR				
<b>869</b>	<b>Occlusion Lab</b>					<b>1.00-3.00</b>		
60185	P LAB 001		ARR	ARR				
<b>871</b>	<b>Concepts of Occlus</b>					<b>1.00</b>		
63399	P SEM 001		ARR	ARR	Gerstner			
<b>873</b>	<b>Clin Prac Occlusion</b>					<b>1.00-6.00</b>		
60187	P LAB 001		ARR	ARR				
<b>880</b>	<b>Investigatn Thesis</b>					<b>1.00-3.00</b>		
	I IND +		ARR	ARR				

## Dental Hygiene-Dentistry

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

<b>483</b>	<b>Res Evid Based Pract</b>					<b>3.00</b>		<b>ADVISORY</b>
63959	P LEC 001		ARR	ARR		Taichman		
<b>487</b>	<b>Hlth Promo&amp;Rsk Red</b>					<b>3.00</b>		<b>ADVISORY</b>
63961	P LEC 001		ARR	ARR		Kerschbaum		

# 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>	<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>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 Sty</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>1.00-12.00</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 Prac Hi&amp;Cont Ed</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>
63223	P REC 002	ARR	ARR	King	
Students enrolling in this section should have enrolled for 2 credit hours of 899-002 in Winter 09. Students should enroll for 1 credit hour in Sp/Su 09.					
63749	PD 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)

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

## Atm, Oceanic And Space Science

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

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

## Biomedical Engineering

### Biomedical Engineering (BIOMEDE)

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

## Chemical Engineering Department

### Chemical Engineering (CHE)

290	Res&Spec Problems							
	IND +		ARR	ARR			1.00-16.00	ADVISORY
490	Adv Res&Spec Problem							
	I IND +		ARR	ARR			1.00-16.00	ADVISORY
695	Research Problems							
	I IND +		ARR	ARR			1.00-16.00	ADVISORY
698	Directed Study							
	I 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

## 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				
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				

## Electrical Engr & Computer Sci

### Electrical Engineering And Computer Science (EECS)

499	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>					<b>1.00-4.00</b>	<b>ADVISORY</b>	
62071	P DIS 001		ARR	ARR		Gregerman		
<b>301</b>	<b>Engr Ugrad Stdy Abrd</b>					<b>1.00-16.00</b>	<b>ADVISORY</b>	
62867	P LEC 100		ARR	ARR				
<b>400</b>	<b>Co-Op Educ Engr</b>					<b>0.00</b>	<b>ADVISORY</b>	<b>1.50</b>
60261	PD DIS 001		ARR	ARR		Holloway		
<b>591</b>	<b>Engr Grad Study Abrd</b>					<b>1.00-16.00</b>	<b>ADVISORY</b>	
62945	PD LEC 013		ARR	ARR				
Eindhoven	Univ of Tech,Netherl							
62919	P LEC 100		ARR	ARR				
<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							
	I IND +		ARR	ARR	2.00-4.00		ADVISORY	
801	First Yr Doc Dir Res							
	I IND +		ARR	ARR	1.00-3.00		ADVISORY	
990	Diss Pre-Candidate							
	I IND +		ARR	ARR	2.00-8.00		ADVISORY	
995	Dissertation Cand							
	R IND +		ARR	ARR	8.00		ENFORCED	

## Interdisciplinary Prof Program

### Automotive Engineering Program (AUTO)

501	Integ Veh Syst Dsgn					3.00	ADVISORY	
63997	PD LEC 881		ARR	ARR				
503	Auto Eng Project					3.00-4.00	ADVISORY	
	D IND +		ARR	ARR				

### Energy Systems Engineering Program (ESENG)

503	Energy Systems Proj					3.00	ADVISORY	
	D IND +		ARR	ARR				
505	Energy Gen & Storage					3.00	ADVISORY	
65128	P LEC 881 W		6-9PM	165 CHRYS		Sastry		

## 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	
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

### Mechanical Engineering (MECHENG)

490	Expmntl Res in M E							
	I IND +		ARR	ARR				3.00 ADVISORY

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

571	Energy Gen & Storage							
	I IND +		ARR	ARR				3.00 ADVISORY

ME571 is not offered SP-SUM 09. ESENG505 is offered though Distance Learning only. If questions - Patty MacMiller at 764-3071.

65122	P LEC 881 W		6-9PM	165 CHRYS		Sastry		
590	Res Sel M E Topics							3.00-6.00 ADVISORY

	I IND +		ARR	ARR				
595	Master Thesis Prop							3.00 ADVISORY

	IND +		ARR	ARR				
695	Master Thesis Res							3.00 ADVISORY

	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				
--	----------	--	-----	-----	--	--	--	--

## Naval Arch & Marine Engr Dept

### Naval Architecture And Marine Engineering (NAVARCH)

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

## 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>ENFORCED</b>
	IR IND +		ARR		ARR			

## Kinesiology

### School Of Kinesiology

#### Athletic Training (AT)

403	Internship in AT						1.00-4.00	ADVISORY
63393	PI LAB 001		ARR	ARR		Reck		
488	Ind Study AT						1.00-2.00	ADVISORY
	IND +		ARR	ARR				

#### Kinesiology (KINESLGY)

439	Lab Biomechanic						1.00-3.00	ADVISORY
64091	P LAB 001		ARR	ARR				
64093	PI LAB 002		ARR	ARR		Gross		
449	Lab Exer Phys						1.00-3.00	ADVISORY
63311	P LAB 201		ARR	ARR		Borer		
519	Spt Mgmt in Depth						2.00	ADVISORY
	I IND +		ARR	ARR				
619	Thesis Research						1.00-6.00	ADVISORY
	I IND +		ARR	ARR				
684	Ind Res in Kin						1.00-6.00	ADVISORY
	I IND +		ARR	ARR				
995	Diss-Cand						8.00	ENFORCED
	IR IND +		ARR	ARR				

#### Movement Science (MOVESCI)

384	Honors Research						1.00-3.00	ADVISORY
	I IND +		ARR	ARR				
403	Internship						1.00-4.00	ADVISORY
63327	PI LAB 001		ARR	ARR		Reck		
439	Lab Biomechanic						1.00-3.00	ADVISORY
64083	P LAB 001		ARR	ARR				
64085	PI LAB 002		ARR	ARR		Gross		
449	Lab Exer Phys						1.00-3.00	ADVISORY
63301	P LAB 201		ARR	ARR		Borer		
488	Independent Study						1.00-3.00	ADVISORY
	I IND +		ARR	ARR				

#### Sport Management (SM)

280	Research Opport						1.00-4.00	ADVISORY
	I IND +		ARR	ARR				
390	Field Experience						1.00-4.00	ADVISORY
	I IND +		ARR	ARR				
403	Internship in SM						1.00-3.00	ADVISORY
62755	PI LAB 201		ARR	ARR		Reck		
470	Independent Study						1.00-3.00	ADVISORY
	I IND +		ARR	ARR				

# LSA Residential College

## College of L S & A Residential College

### Core Courses (RCCORE)

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

205	<b>Independent Study</b>						<b>1.00-8.00</b>	<b>ADVISORY</b>
	I IND +		ARR	ARR				
209	<b>Study Off-Campus</b>						<b>1.00-16.00</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>	<b>ADVISORY</b>
	IR IND +		ARR	ARR				
490	<b>Honors Thesis</b>						<b>1.00-4.00</b>	<b>ADVISORY</b>
	IR IND +		ARR	ARR				

CAT# Class #	Course Title CODE CMP SEC	DAYS	TIME	LOCATION	CR INSTRUCTOR	PREREQ	LAB FEE
<b>Law</b>							
<b>Law School</b>							
<b>Law (LAW)</b>							
<b>510</b> 64969 ABCD, 2, 33	<b>Civil Procedure</b> PDR LEC 001	WTHF	9-1045AM	220 HUTCH	<b>5.00</b> Croley	<b>ENFORCED</b>	
<b>580</b> 64970 AB, 2, 33	<b>Torts</b> PDR LEC 001	MTWTH	115-235PM	116 HUTCH	<b>5.00</b> Clark	<b>ENFORCED</b>	
64972 CD, 2, 33	PDR LEC 002	MTWTH	315-435PM	116 HUTCH	Clark		
<b>590</b> 64973 A, 1, 33	<b>Legal Practice I</b> PDR LEC 001	TTH	11-1215PM	116 HUTCH	<b>2.00</b> Frost	<b>ENFORCED</b>	
64975 B, 1, 33	PDR LEC 002	TTH	11-1215PM	138 HUTCH	Croskery-Roberts		
64976 C, 1, 33	PDR LEC 003	TTH	11-1215PM	220 HUTCH	Seymour		
64977 D, 1, 33	PDR LEC 004	TTH	130-245PM	220 HUTCH	Seymour		
<b>592</b> 64978 A, 1, 33	<b>Legal Practice Skills</b> PDR LEC 001		ARR	ARR	<b>1.00</b> Frost	<b>ENFORCED</b>	
64979 B, 1, 33	PDR LEC 002		ARR	ARR	Croskery-Roberts		
64980 C, 1, 33	PDR LEC 003		ARR	ARR	Seymour		
64981 D, 1, 33	PDR LEC 004		ARR	ARR	Seymour		
<b>794</b> 63663 24, 25, 36	<b>Senior Judge Seminar II</b> PDR SMA 001		ARR	ARR	<b>2.00</b> Frost	<b>ADVISORY, ENFORCED</b>	
<b>799</b> 63661 1, 24, 36	<b>Senior Judge Seminar</b> PDR SMA 001		ARR	ARR	<b>2.00</b> Frost	<b>ENFORCED</b>	
<b>900</b> 22, 29	<b>Research</b> DR IND +		ARR	ARR	<b>1.00</b>	<b>ENFORCED</b>	
<b>930</b> 63175 7, 8, 9, 12	<b>Environmental Law Clinic</b> PDRWCLN 001		ARR	ARR	<b>3.00</b> Kagan	<b>ENFORCED</b>	
<b>940</b> 63583 1, 27	<b>External Studies</b> PDR LAB 001		ARR	ARR	<b>9.00</b>	<b>ENFORCED</b>	
<b>941</b> 2, 4, 27	<b>Externship Paper</b> DR IND +		ARR	ARR	<b>3.00</b>	<b>ENFORCED</b>	
<b>942</b> 30, 31	<b>Law Practicum Research</b> DR IND +		ARR	ARR	<b>1.00</b>	<b>ENFORCED</b>	
<b>980</b> 2, 22, 32, 36	<b>Advanced Clinical Law</b> DR IND +		ARR	ARR	<b>1.00-3.00</b>	<b>ADVISORY, ENFORCED</b>	

**Literature, Science & the Arts**  
**Center for Afro-American and African Studies**  
**Afroamerican & African Studies (CAAS)**

410	Supervised Research							1.00-6.00	ADVISORY
	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)

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
	IND +		ARR	ARR			ADVISORY	
799	Mastr Essay Jpn Std							1.00-6.00
	IND +		ARR	ARR			ADVISORY	
995	Diss-Cand							8.00
	DR IND +		ARR	ARR			ENFORCED	

### Asian Languages (ASIANLAN)

499	Independent Lang							1.00-5.00
	IND +		ARR	ARR			ADVISORY	

### Buddhist Studies (BUDDHST)

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

### Chinese (CHIN)

701	Masters Essay							1.00-3.00
	IND +		ARR	ARR			ADVISORY	

### Japanese (JAPANESE)

601	Masters Essay							1.00-3.00
	IND +		ARR	ARR			ADVISORY	

## Astronomy Department

### Astronomy (ASTRO)

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

## Biology Department

### Biology (BIOLOGY)

200	Undergrad Tutorial I IND +		ARR	ARR			2.00	ADVISORY	
-----	-------------------------------	--	-----	-----	--	--	------	----------	--

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					

## Chemistry Department

### Chemistry (CHEM)

218	Ind Study Biochem					1.00	ADVISORY	
	IND +		ARR	ARR				
219	Ind Study Chem					1.00	ADVISORY	
	IND +		ARR	ARR				
398	Ugrad Res Biochem					1.00-4.00	ADVISORY	
	IND +		ARR	ARR				
399	Ugrad Res Chem					1.00-4.00	ADVISORY	
	IND +		ARR	ARR				
498	Ugrad Thesis Biochm					1.00	ADVISORY	
	IND +		ARR	ARR				
499	Ugrad Thesis Chem					1.00	ADVISORY	
	IND +		ARR	ARR				
801	Analytical Seminar					2.00	ADVISORY	
62681	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	ADVISORY
	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	ADVISORY
	IND +		ARR	ARR				
599	Supv Read Lat Lit						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				

## Communication Studies

### Communication Studies (COMM)

321	Internship								
	I W IND +		ARR	ARR		1.00-3.00		ADVISORY	
799	Directed Study								
	I W IND +		ARR	ARR		1.00-3.00		ADVISORY	
900	Prelim Exam Prep								
	I W IND +		ARR	ARR		1.00-6.00		ADVISORY	
990	Diss-Precand								
	I W IND +		ARR	ARR		1.00-8.00		ADVISORY	
995	Diss-Cand								
	IRW IND +		ARR	ARR		8.00		ENFORCED	

## Comparative Literature Program

### Comparative Literature (COMPLIT)

496	Honors Thesis							
	IR IND +		ARR	ARR		3.00	ADVISORY	
498	Directed Reading							
	I IND +		ARR	ARR		1.00-4.00	ADVISORY	
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							
	R IND +		ARR	ARR		8.00	ENFORCED	

## Program Study of Complex Systems

### Complex Systems (CMPLXSYS)

599	Ind Study Cmplx Sys							1.00-3.00	ADVISORY
I	IND +	MWTH	8-9AM			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					1.00-3.00	ADVISORY	
	SI IND +		ARR	ARR				
700	China MA Thesis					1.00-3.00	ADVISORY	
	IND +		ARR	ARR				

## English Language & Literature Dept

### English Language And Literature (ENGLISH)

577	Indi Stdy-Creat Wrt I IND +		ARR	ARR			1.00-3.00	ADVISORY
590	Indi Study MA Stu I IND +		ARR	ARR			1.00-4.00	ADVISORY
992	Directed Study I IND +		ARR	ARR			1.00-3.00	ADVISORY
995	Diss-Cand 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	ADVISORY
	IND +		ARR	ARR				
400	Advanced Research						1.00-3.00	ADVISORY
	IND +		ARR	ARR				
595	Tropical Biology						8.00	ADVISORY
60409	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	

## Program in the Environment

### Environment (ENVIRON)

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

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	ADVISORY	
	IND +		ARR	ARR				
499	Research&Spec Work					1.00-6.00	ADVISORY	
	IND +		ARR	ARR				
709	Thesis Res Am-Ms					1.00-6.00	ADVISORY	
	IND +		ARR	ARR				
929	Investigations					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					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 I IND +		ARR	ARR		1.00-3.00	ADVISORY	
496	Independent Studies I IND +		ARR	ARR		1.00-3.00	ADVISORY	
497	Senior Thesis I IND +		ARR	ARR		3.00	ADVISORY	
498	Senior Thesis I IND +		ARR	ARR		3.00	ADVISORY	
500	Ind Study Judaic D IND +		ARR	ARR		1.00-3.00	ADVISORY	

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

---

## LS&A First Year Seminars

### University Courses (UC)

280	Undergrad Research						1.00-4.00	ADVISORY	
60703	PI REC 001			ARR		ARR	Gregerman		

## Latin Amer & Carribean Studies

### Latin American And Caribbean Studies (LACS)

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

## Department of Linguistics

### Linguistics (LING)

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

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

## Lloyd Hall Scholars Program

### Lloyd Hall Scholars Program (LHSP)

299	Independent Study						1.00-4.00	ADVISORY	
63253	PI REC 001		ARR	ARR					

## Macromolecular Sci & Engr Ctr

### Macromolecular Science (MACROMOL)

<b>790</b>	<b>Fac Actv Res Surv</b>					<b>1.00</b>	<b>ADVISORY</b>	
61235	P SEM 001		ARR	ARR		Laine		
<b>800</b>	<b>Macromolecular Sem</b>					<b>2.00</b>	<b>ADVISORY</b>	
61237	P SEM 001		ARR	ARR		Laine		
<b>890</b>	<b>Intro Res Technique</b>					<b>1.00-8.00</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				

## Mathematics Department

### Mathematics (MATH)

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

## Molecular, Cellular, and Developmental Biology

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

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

## Near Eastern Studies Department

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

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

### 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	ADVISORY
	IND +		ARR	ARR				
990	Diss Pre-Cand						1.00-8.00	ADVISORY
	IND +		ARR	ARR				
995	Dissertation Res						8.00	ENFORCED
	IR IND +		ARR	ARR				

### Hebrew And Jewish Cultural Studies (HJCS)

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

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

## Philosophy Department

### Philosophy (PHIL)

995	Diss-Cand								
	IR	IND	+		ARR	ARR		8.00	ENFORCED

## Physics Department

### Physics (PHYSICS)

415	Ug Special Problems					1.00-6.00	ADVISORY	
	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	CR	PREREQ	LAB FEE
Class #	CODE CMP SEC	INSTRUCTOR		
DAYS	TIME	LOCATION		

## Psychology Department

### Psychology (PSYCH)

200	Ind Psych Issues I IND +	ARR	ARR	1.00-4.00	ADVISORY	
305	Psych Practicum 64994 PI LAB 001	ARR	ARR	1.00-4.00 Deldin	ADVISORY	30.00
Depress Cntr&Natl Ntwk Dep Ctr						
-Psych 270 is a prerequisite for this class -Please contact instructor at pjdeldin@umich.edu for application						
65358	PI LAB 002	ARR	ARR	Chang		
307	Directed Experience 60629 PI LAB 001	ARR	ARR	3.00-4.00 Boster	ADVISORY	
Practicum in Child Dev & Care						
For registration information call 734-647-7144 or email judymc@umich.edu.						
322	Fld Prac Res Nat Sci I IND +	ARR	ARR	1.00-4.00	ADVISORY	
323	Fld Prac Res Soc Sci I IND +	ARR	ARR	1.00-4.00	ADVISORY	
326	Dir Res Psych/NS I IND +	ARR	ARR	1.00-4.00	ADVISORY	
327	Dir Res Psych/SS I IND +	ARR	ARR	1.00-4.00	ADVISORY	
328	Res Lab Psy Nat Sci I IND +	ARR	ARR	1.00	ADVISORY	
329	Res Lab Psy Soc Sci I IND +	ARR	ARR	1.00	ADVISORY	
404	Field Practicum I IND +	ARR	ARR	1.00-4.00	ADVISORY	
405	Pract Univ Setting I IND +	ARR	ARR	1.00-4.00	ADVISORY	
420	Adv Reading NS I IND +	ARR	ARR	1.00-4.00	ADVISORY	
421	Adv Reading Soc Sci I IND +	ARR	ARR	1.00-4.00	ADVISORY	
422	Adv Research NS I IND +	ARR	ARR	1.00-4.00	ADVISORY	
423	Adv Res Soc Sci I IND +	ARR	ARR	1.00-4.00	ADVISORY	
424	Sr Hon Res I Nat Sci 62379 SI SEM 001	ARR	ARR	2.00-4.00 Sekaquaptewa	ADVISORY	
425	Sr Hon Res I Soc Sc 62613 SI SEM 001	ARR	ARR	2.00-4.00 Sekaquaptewa	ADVISORY	
426	Sr Hon Res II Nat Sc 62381 AI SEM 001	ARR	ARR	2.00-4.00 Sekaquaptewa	ADVISORY	
427	Sr Hon Res II Soc Sc 62615 SI SEM 001	ARR	ARR	2.00-4.00 Sekaquaptewa	ADVISORY	
428	Sr Thesis Psych NS D IND +	ARR	ARR	2.00-4.00	ADVISORY	
429	Sr Thesis Psych SS D IND +	ARR	ARR	2.00-4.00	ADVISORY	
619	Supervised Research I IND +	ARR	ARR	1.00-4.00	ADVISORY	
687	Meth Survey Sampling 63777 PD LEC 001 MTWTHF 2-5PM	ARR	ARR	3.00 Lepkowski	ADVISORY	
Please contact the Summer Institute at 764-6595 with questions or for an override. This course is offered as part of the ISR Summer Institute in Survey Research Techniques.						
706	Tutorial Reading I IND +	ARR	ARR	1.00-4.00	ADVISORY	
711	Question Design 63781 PD SEM 001 MTWTHF 1-3PM	ARR	ARR	3.00 Campanelli	ADVISORY	
Please contact the Summer Institute at 764-6595 with questions or to request override. This course is offered as part of the ISR Summer Institute in Survey Research Techniques.						
719	Supervised Research I IND +	ARR	ARR	1.00-5.00	ADVISORY	
819	Supervised Research I IND +	ARR	ARR	1.00-4.00	ADVISORY	
879	Internship Clin Psy SI IND +	ARR	ARR	1.00-4.00	ADVISORY	
990	Diss-Precand I IND +	ARR	ARR	1.00-8.00	ADVISORY	
995	Diss-Cand IR IND +	ARR	ARR	8.00	ENFORCED	

## 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				

### Portuguese (PORTUG)

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

### Romance Linguistics (ROMLING)

450	Independent Study					1.00-3.00	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				

### 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				

## Center for Russian and East European Studies

### Russian And East European Studies (REES)

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

## SRC-PSM Graduate Program

### Survey Methodology (SURVMETH)

<b>612</b>	<b>Meth Survey Sampling</b>					<b>3.00</b>	<b>ADVISORY</b>	
63771	PD LEC 001	MTWTHF	2-5PM	ARR		Lepkowski		
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>	
63773	PD SEM 001	MTWTHF	2-5PM	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>	
63767	PD LEC 001	MTWTHF	3-5PM	ARR		Conrad		
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>	
63769	PD SEM 001	MTWTHF	1-3PM	ARR		Campanelli		
Please contact the Summer Institute at 764-6595 with questions or to request override. This course is offered as part of the ISR Summer Institute in Survey Research Techniques.								
<b>988</b>	<b>Adv Sem in Surv Meth</b>					<b>1.00-5.00</b>	<b>ADVISORY</b>	
64899	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.								
<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)

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)

395	Directed Reading						1.00-4.00	ADVISORY
	I IND +		ARR	ARR				
612	Meth Survey Sampling						3.00	ADVISORY
63779	PD LEC 001	MTWTHF	2-5PM	ARR		Lepkowski		
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.								
695	Directed Research						1.00-6.00	ADVISORY
	I IND +		ARR	ARR				
696	Directed Reading						1.00-6.00	ADVISORY
	I IND +		ARR	ARR				
711	Question Design						3.00	ADVISORY
63783	PD SEM 001	MTWTHF	1-3PM	ARR		Campanelli		
Please contact the Summer Institute at 764-6595 with questions or to request override. This course is offered as part of the ISR Summer Institute in Survey Research Techniques.								
990	Diss-Precand						1.00-4.00	ADVISORY
	I IND +		ARR	ARR				
995	Diss-Cand						8.00	ENFORCED
	R IND +		ARR	ARR				

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

## 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)

220	Women's Hlth					3.00		
64965	P W LEC 001	MW	5-7PM	2011 MLB	Bailey			
385	Directed Reading					1.00-3.00	ADVISORY	
	IND +		ARR	ARR				
580	Independent Study					1.00-3.00	ADVISORY	
	IND +		ARR	ARR				
690	Directed Readings					1.00-3.00	ADVISORY	
	IND +		ARR	ARR				
890	Advanced Research					1.00-3.00	ADVISORY	
	IND +		ARR	ARR				
891	Jt Ph.D Adv Res					3.00	ADVISORY	
	IND +		ARR	ARR				
990	Diss Pre-Cand					1.00-8.00	ADVISORY	
	IND +		ARR	ARR				
995	Diss Cand					8.00	ENFORCED	
	IR IND +		ARR	ARR				

**Medicine**  
**Anesthesiology Department**  
**Anesthesia (ANESTH)**

499	Ug Research I IND +		ARR	ARR			1.00-16.00	ADVISORY	
-----	------------------------	--	-----	-----	--	--	------------	----------	--

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)

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)

<b>800</b>	<b>Special Topics</b>							<b>1.00</b>
60715	PI LEC 001		ARR	ARR				
<b>990</b>	<b>Diss-Precand</b>							<b>1.00-8.00</b> <b>ADVISORY</b>
	I IND +		ARR	ARR				
<b>995</b>	<b>Diss-Cand</b>							<b>8.00</b> <b>ADVISORY, ENFORCED</b>
	IR IND +		ARR	ARR				

### Cell and Developmental Biology (CDB)

<b>599</b>	<b>Directed Research</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				

## Cellular and Molecular Biology

### Cellular And Molecular Biology (CMBIOL)

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

## Dermatology Department

### Dermatology (DERM)

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

## Human Genetics Department

### Human Genetics (HUMGEN)

500	Ug Res-Human Gen I IND +		ARR	ARR		1.00-6.00	ADVISORY	
800	Research-Non Phd 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)

<b>499</b>	<b>Ug Int Med Res</b>							<b>1.00-16.00</b>
	IND +		ARR	ARR				
<b>599</b>	<b>Clinical Research</b>							<b>2.00-8.00</b> <b>ADVISORY</b>
	IND +		ARR	ARR				
<b>603</b>	<b>Hlt Series Research</b>							<b>2.00</b> <b>ADVISORY</b>
63259	P SEM 001 T		4-6PM	2062 PALM	Schteingart			
<b>605</b>	<b>Mentored Clin Res</b>							<b>1.50-4.00</b> <b>ADVISORY</b>
63627	P LAB 002		ARR	ARR	Schteingart			
<b>606</b>	<b>Clinical Res Sem</b>							<b>1.00-2.00</b> <b>ADVISORY</b>
63949	P SEM 001		ARR	ARR				
<b>607</b>	<b>Clin Res Symposia</b>							<b>1.00-2.00</b> <b>ADVISORY</b>
62789	P SEM 001		ARR	ARR	Schteingart			
<b>611</b>	<b>Intro Clin Res Meth</b>							<b>2.00</b> <b>ADVISORY</b>
63629	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	
	R IND +		ARR	ARR				

### Medical School Administration (MEDADM)

807	Adv Head&Neck					2.00		
60717	S R LEC 001	W	2-5PM	ARR				
60719	P R LAB 002		ARR	ARR				

## Microbiology And Immunology

### Microbiology (MICRBIOL)

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

## Neurology Department

### Neurology (NEUROL)

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

## 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				

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

---

## Otorhinolaryngology Department

### Otorhinolaryngology (OTO)

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

## Pathology Department

### Pathology (PATH)

499	Clinical Research							2.00-6.00
	IND +		ARR	ARR				
599	Non-Diss Research							1.00-8.00
	IND +		ARR	ARR				
699	Ind Ug Research							1.00-9.00
	IND +		ARR	ARR			ADVISORY	
850	Res Colloq Exp Path							1.00
60811	PI DIS 001		ARR	ARR			ADVISORY	
920	Research in Path							1.00-6.00
	IND +		ARR	ARR			ADVISORY	
990	Pre-Cand Diss Res							1.00-8.00
	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 Clin 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	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							1.00-16.00
	IND +		ARR	ARR				
599	Clinical Research							2.00-8.00
	IND +		ARR	ARR			ADVISORY	

# Music, Theatre & Dance

## School of Music, Theatre and Dance

### Composition (COMP)

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

### Conducting (CONDUCT)

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

### Jazz & Improvisational Studies (JAZZ)

454	Special Topics			2.00	
62865	PI LEC 001	ARR	ARR	Sarath	

### Music Education (MUSED)

881	Special Readings 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

### Musicology (MUSICOL)

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

### Music Performance (MUSPERF)

412	Music Perf:Voice 65111 PI REC 201	ARR	ARR	1.00-2.00	ADVISORY
	Music in the Marche			Serbo	
591	Directed Perform I IND +	ARR	ARR	2.00-4.00	ADVISORY
891	Directed Perform I IND +	ARR	ARR	2.00-6.00	ADVISORY
990	Diss-Precand I IND +	ARR	ARR	1.00-8.00	ADVISORY
995	Diss-Cand IR IND +	ARR	ARR	8.00	ENFORCED

### Performing Arts & Technology (PAT)

481	Independent Stds I IND +	ARR	ARR	1.00-4.00	ADVISORY
-----	-----------------------------	-----	-----	-----------	----------

### Theory (THEORY)

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

---

## 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
701	Masters Project 65262 PD LAB 029	ARR	ARR	1.00-4.00	ADVISORY
	Localization I 63491 PD LAB 133	ARR	ARR		De Young, Princen Gladwin
	Index on Sustainable Downtowns 65286 PD LAB 174	ARR	ARR		Zint
	Develop an Outdoor Educ Model				
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>220</b>	<b>Women's Hlth</b>						
64967	P W LEC 001	MW	5-7PM	2011 MLB		<b>3.00</b>	
					Bailey		
<b>245</b>	<b>Pathophysiology</b>					<b>6.00</b>	<b>ADVISORY</b>
60903	P LEC 333	W	9-4PM	KALAMAZOO	Bruggeman		
<b>252</b>	<b>Health Assessment I</b>					<b>3.00</b>	<b>ADVISORY</b>
62819	A LEC 222	W	330-9PM	1240 SNB	Fenske		<b>350.00</b>
62821	P R LAB 223		ARR	ARR	Fenske		
<b>334</b>	<b>Health Behavior</b>					<b>6.00</b>	<b>ADVISORY</b>
62651	A DIS 222	T	4-6PM	UM HOSP	Sarkar, Moriarty, Padilla		
62653	P LAB 223	T	6-8PM	ARR	Padilla, Moriarty		
62649	A DIS 333	W	3-8PM	ARR	Day		
62655	P LAB 334		ARR	ARR	Day		
62657	A DIS 444		ARR	ARR	Johnson, Glaza		
62659	P LAB 445		ARR	ARR	Johnson, Glaza		
<b>422</b>	<b>Community Care Nurs</b>					<b>6.00</b>	<b>ADVISORY</b>
63177	A LEC 001	W	9-12PM	ARR	Esch		<b>200.00</b>
You must register for the same section number of N422 and N433. (If you choose section 002 of N422, you must choose section 002 if N433).							
63179	P R LAB 002	TH	8-5PM	WASHCTY HD	Sarkar		
	P R LAB 002	W	1-5PM	3151 SNB			
63181	P R LAB 003	TH	8-5PM	OAKL CTY HLTH DEPT	MAULIED LAKE		
	P R LAB 003	W	1-5PM	3156 SNB			
63183	P R LAB 004	TH	8-5PM	ARR	Nelson		
	P R LAB 004	W	1-5PM	3158 SNB			
63379	P R LAB 005	TH	8-5PM	N. CAMPUS FAMILY HEALTH SERVICE			
	P R LAB 005	W	1-5PM	1191 SNB			
63381	P R LAB 006	TH	8-5PM	ARR	Ziemba		
	P R LAB 006	W	1-5PM	1219 SNB			
63635	P R LAB 007	TH	8-5PM	LIVINGSTON COUNTY	Esch		
	P R LAB 007	W	1-5PM	3303 SNB			
64996	P LAB 008	W	1-5PM	ARR	Lori		
<b>433</b>	<b>Ment Hlth&amp;Ill Lfspn</b>					<b>6.00</b>	<b>ADVISORY</b>
63185	A LEC 001	M	8-12PM	1240 SNB	Sullivan		
You must register for the same section number of N422 and N433. (If you choose section 002 of N422, you must choose section 002 if N433).							
63187	P R LAB 002	T	4-9PM	HURONVALLEY	Foley		
	P R LAB 002		ARR	ARR			
63189	P R LAB 003	T	7-1230PM	UM HOSP	Dawson		
	P R LAB 003		ARR	ARR			
63191	P R LAB 004	T	7-1230PM	STJOSEPH HOSP	Charania		
	P R LAB 004		ARR	ARR			
63221	P R LAB 005	T	3-830PM	HAWTHORN REG	Thomas		
	P R LAB 005		ARR	ARR			
63385	P R LAB 006	M	3-830PM	UM HOSP	Dansel		
	P R LAB 006		ARR	ARR			
63637	P R LAB 007	T	8-130PM	VETERANSHOSP	Nelson		
	P R LAB 007		ARR	ARR			
65000	P LAB 008	M	3-830PM	HAWTHORN REG	Thomas		
	P LAB 008		ARR	ARR			
<b>435</b>	<b>Leadership&amp;Managemnt</b>					<b>5.00</b>	<b>ADVISORY</b>
63193	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	1240 SNB			
<b>435</b>	<b>Leadership&amp;Managemnt</b>					<b>5.00</b>	<b>ADVISORY</b>
63195	P LAB 002	M	3-5PM	1240 SNB	Beebe		
63197	P LAB 003	M	3-5PM	1230 SNB	Kruszewski		
63369	P LAB 004	M	3-5PM	ARR	Anderson		
63665	P LAB 005	M	3-5PM	ARR	Tschannen		
65012	P LAB 006	M	3-5PM	ARR	Rochman		
<b>454</b>	<b>Leadership&amp;Mngmt</b>					<b>5.00</b>	<b>ADVISORY</b>
62803	P LEC 222	T	330-630PM	ARR	Abdo		
62805	A LAB 223	W	1-1AM	ARR	Abdo		
After May 13 students will have a 6-8 hrs clinical per week							
63641	P LEC 333		ARR	ARR	Sangalli-Davis		
63643	A LAB 334		ARR	ARR	Sangalli-Davis		
<b>455</b>	<b>Trans Prof Practice</b>					<b>3.00</b>	<b>ADVISORY</b>
63199	A LEC 001	M	1-3PM	ARR	Aebersold		
<b>455</b>	<b>Trans Prof Practice</b>					<b>3.00</b>	<b>ADVISORY</b>
	A LEC 001	M	10-12PM	ARR			
<b>455</b>	<b>Trans Prof Practice</b>					<b>3.00</b>	<b>ADVISORY</b>
63201	P LAB 002	M	3-5PM	ARR	Beebe		
63203	P LAB 003	M	3-5PM	ARR	Kruszewski		
63367	P LAB 004	M	3-5PM	ARR	Anderson		

CAT# Class #	Course Title CODE CMP SEC	DAYS	TIME	LOCATION	CR INSTRUCTOR	PREREQ	LAB FEE
63639	P LAB 005	M	3-5PM	ARR	Tschannen		
65013	P LAB 006		ARR	ARR	Rochman		
<b>499</b>	<b>Independent Study</b>				<b>1.00-5.00</b>	<b>ADVISORY</b>	
	I IND +		ARR	ARR			
<b>503</b>	<b>Adv Hlth Assess</b>				<b>3.00</b>	<b>ADVISORY</b>	<b>200.00</b>
64991	A LEC 101	F	9-12PM	ARR	Padilla, Bumpus		
64992	P R LAB 102	F	1-430PM	ARR	Bumpus, Padilla, O'Grady, Pardee, Boucher		
<b>536</b>	<b>Util of Nurs Res</b>				<b>2.00</b>	<b>ADVISORY</b>	
62817	P R LEC 001	F	1-3PM	ARR	Tzeng		
Web based course							
63717	P R LEC 844	F	1-3PM	ARR	Tzeng		
Web based course							
<b>543</b>	<b>Adv Pathophysiology</b>				<b>3.00</b>		
64005	P LEC 001	TH	130-430PM	2062 PALM	Miller, O'Grady		
<b>563</b>	<b>CHN&amp;Pop Assessment</b>				<b>1.00-4.00</b>	<b>ADVISORY</b>	
63711	P LEC 844		ARR	ARR	Clemen-Stone		
class meets: Friday 5/8 - 10-11:50am and Saturday 5/9 - 8:30am-12:30pm							
63713	A LAB 845		ARR	ARR	Clemen-Stone		
63715	A SEM 846		ARR	ARR	Clemen-Stone		
<b>603</b>	<b>Data Management</b>				<b>2.00</b>	<b>ADVISORY</b>	
62823	P R LEC 001	F	330-530PM	ARR	Tzeng		
Prerequisite = a basic course in descriptive and inferential statistics. Web based course. Division III students: contact Jan Robison for override. jrobison@umich.edu							
63709	P R LEC 002	TH	10-12PM	ARR	Miller, Bumpus		
Prerequisite = a basic course in descriptive and inferential statistics. Web based course. Division I & Division II students. contact Becky Weinberg (berskine@umich.edu) for registration.							
65345	P R LEC 844		ARR	ARR	Tzeng		
<b>647</b>	<b>Inf Child&amp;Adol Hlth</b>				<b>1.00-4.00</b>	<b>ADVISORY</b>	
60911	P SEM 001	T	8-3PM	3151 SNB	Boucher, Marvicsin		
60913	A LAB 002		ARR	ARR	Boucher, Marvicsin		
<b>653</b>	<b>Nurs Syst Internship</b>				<b>3.00</b>	<b>ADVISORY</b>	
60915	P SEM 001		ARR	ARR	Tschannen		
WEB BASED COURSE							
<b>655</b>	<b>Mgt Acc&amp;Fin</b>				<b>4.00</b>	<b>ADVISORY</b>	
61915	P LEC 001	F	8-12PM	ARR	Rivenson		
WEB BASED COURSE							
<b>695</b>	<b>Selected Topics</b>				<b>1.00-4.00</b>	<b>ADVISORY</b>	
	I IND +		ARR	ARR			
<b>697</b>	<b>Independent Studies</b>				<b>1.00-4.00</b>	<b>ADVISORY</b>	
	I IND +		ARR	ARR			
<b>699</b>	<b>Nrs Scholarly Proj</b>				<b>1.00-8.00</b>	<b>ADVISORY</b>	
IF TOTAL ACCUMULATED CREDITS FOR NURSING 699 ARE MORE THAN 2, MUST HAVE PERMISSION OF ACADEMIC ADVISOR AND RESEARCH AREA FACULTY MEMBER.							
	I IND +		ARR	ARR			
<b>795</b>	<b>Spec Topics Nursing</b>				<b>1.00-3.00</b>	<b>ADVISORY</b>	
	I IND +		ARR	ARR			
<b>797</b>	<b>Independent Study</b>				<b>1.00-3.00</b>	<b>ADVISORY</b>	
	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			

## Pharmacy

### College Of Pharmacy

#### Medicinal Chemistry (MEDCHEM)

570	Research					1.00-6.00	ADVISORY	
	IND +		ARR	ARR				
573	Investig Med Chem					1.00-6.00	ADVISORY	
	I IND +		ARR	ARR				
940	Adv Research Sem					1.00	ADVISORY	
60937	P SEM 001		ARR	ARR	Coward	1.00-8.00	ADVISORY	
990	Diss-Precand							
	I IND +		ARR	ARR				
995	Diss-Cand					8.00	ENFORCED	
	IR IND +		ARR	ARR				

#### Pharmacy (PHARMACY)

569	Investig Pharm					1.00-6.00	ADVISORY	
	I IND +		ARR	ARR				
570	Research					1.00-6.00	ADVISORY	
	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				

#### Pharmaceutical Chemistry (PHARMCHM)

571	Investig Pharm Anal					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				

#### Pharmacognosy (PHARMCOG)

572	Investig Pharmacog					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				

#### Pharmaceutical Sciences (PHARMSCI)

568	Investigations					1.00-6.00	ADVISORY	
	I IND +		ARR	ARR				
570	Research					1.00-6.00	ADVISORY	
	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				

#### Social and Administrative Sciences (SOCADMIN)

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

# Public Health

## Biostatistics Department

### Biostatistics (BIOSTAT)

513	Regression Analysis					3.00		ADVISORY
63809	P LEC 888		ARR	ARR		Sanchez		
578	Practical Training					1.00-4.00		
	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-Indust Health De

### Environmental Health Sciences (EHS)

501	Occup Env Disease					2.00	ADVISORY	
65391	PD LEC 001		ARR	ARR		Robins		
697	Readings					1.00-3.00	ADVISORY	
	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 Rules&amp;Ethics</b>					<b>2.00</b>	<b>ADVISORY</b>	
63157	PI LEC 333		ARR	ARR				
<b>605</b>	<b>Mgt Acc&amp;Fin</b>					<b>4.00</b>	<b>ADVISORY</b>	
62029	P LEC 001 F		8-12PM	ARR	Rivenson			
<b>663</b>	<b>Econ Hlth Mgmt&amp;Picy</b>					<b>3.00</b>	<b>ADVISORY</b>	
65103	PD LEC 777		ARR	ARR	Norton, Eisenberg			
<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  
Museum Studies (MSP)**

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

# Social Work

## School Of Social Work

### Social Work (SW)

515	Fndtn Fld Instructn   W IND +		ARR	ARR		1.00-2.00	
517	Spec Studies Aging   IND +		ARR	ARR		1.00-4.00	ADVISORY
518	Spec Studies Aging   IND +		ARR	ARR		1.00-4.00	ADVISORY
519	Spec Stds Hum Behav   IND +		ARR	ARR		1.00-4.00	ADVISORY
520	Spec Stdy Hum Behav   IND +		ARR	ARR		1.00-4.00	ADVISORY
523	Spec Stds Inperprac   IND +		ARR	ARR		1.00-4.00	ADVISORY
524	Spec Stds Inperprac   IND +		ARR	ARR		1.00-4.00	ADVISORY
525	Spec Stds Chld&Yth   IND +		ARR	ARR		1.00-4.00	ADVISORY
526	Spec Stds Chld&Yth   IND +		ARR	ARR		1.00-4.00	ADVISORY
532	Spec Stds Health   IND +		ARR	ARR		1.00-4.00	ADVISORY
533	Spec Stds Health   IND +		ARR	ARR		1.00-4.00	ADVISORY
546	Spec Stds SWPS   IND +		ARR	ARR		1.00-4.00	ADVISORY
547	Spec Stds SWPS   IND +		ARR	ARR		1.00-4.00	ADVISORY
553	Spec Stds Comm Org   IND +		ARR	ARR		1.00-4.00	ADVISORY
554	Spec Stds Comm Org   IND +		ARR	ARR		1.00-4.00	ADVISORY
555	Spec Stds Comm & SS   IND +		ARR	ARR		1.00-4.00	ADVISORY
556	Spec Stds Comm & SS   IND +		ARR	ARR		1.00-4.00	ADVISORY
566	Spec Stds Mgt Hum S   IND +		ARR	ARR		1.00-4.00	ADVISORY
567	Spec Stds Mgt Hum S   IND +		ARR	ARR		1.00-4.00	ADVISORY
576	Spec Stds Pol&Eval   IND +		ARR	ARR		1.00-4.00	ADVISORY
577	Spec Stds Pol&Eval   IND +		ARR	ARR		1.00-4.00	ADVISORY
581	Spec Stds Mntl Hlth   IND +		ARR	ARR		1.00-4.00	ADVISORY
582	Spec Stds Mntl Hlth   IND +		ARR	ARR		1.00-4.00	ADVISORY
583	Spec Stdy Research   IND +		ARR	ARR		1.00-4.00	ADVISORY
584	Spec Stdy Research   IND +		ARR	ARR		1.00-4.00	ADVISORY
586	Spec Studies Eval   IND +		ARR	ARR		1.00-4.00	ADVISORY
587	Spec Studies Eval   IND +		ARR	ARR		1.00-4.00	ADVISORY
598	Spec Stdy Soc Work   IND +		ARR	ARR		1.00-4.00	ADVISORY
599	Spec Stdy Soc Work   IND +		ARR	ARR		1.00-4.00	ADVISORY
611	Soc Chng Theories 62323 P R LEC 001 M		8-12PM	2302 SEB	Griffin	3.00	ADVISORY, ENFORCED
612	Mentl Hlt&Disor Chl 61075 P R LEC 001 T		8-12PM	ARR	Sherman	3.00	ADVISORY, ENFORCED
614	Uses Psych Testing 61077 P R LEC 001 T		6-10PM	3816 SSWB	Foley	3.00	ENFORCED
617	Death, Loss & Grief 61079 P R LEC 001 T		8-12PM	2302 SEB	Schmall, Wade	3.00	ENFORCED
623	Pract with Families 61085 P R LEC 001 M		1-5PM	2752 SSWB	Hollingsworth	3.00	ADVISORY, ENFORCED
	61087 P R LEC 002 T		8-12PM	3816 SSWB	Weissman		
624	Inperprac-Groups 61089 P R LEC 001 M		1-5PM	3752 SSWB	Tolman	3.00	ADVISORY, ENFORCED
	64951 P R LEC 002 T		8-12PM	2752 SSWB	Ortega		
625	Child & Youth					3.00	ADVISORY, ENFORCED

CAT# Class #	Course Title CODE CMP SEC	DAYS	TIME	LOCATION	CR INSTRUCTOR	PREREQ	LAB FEE
61091	P R LEC 001	M	1-5PM	2228 SEB	Ribaudo		
63971	P R LEC 002	T	8-12PM	3752 SSWB	Fischer		
<b>628</b>	<b>IP - Adult Indiv</b>				<b>3.00</b>	<b>ADVISORY, ENFORCED</b>	
61093	P R LEC 001	M	1-5PM	2302 SEB	Chute		
64955	P R LEC 002	T	6-10PM	2816 SSWB	Saunders		
<b>642</b>	<b>S W Educ Settings</b>				<b>3.00</b>	<b>ADVISORY, ENFORCED</b>	
61121	P R LEC 001	M	6-10PM	3816 SSWB	Sherman		
<b>650</b>	<b>Community Developmt</b>				<b>3.00</b>	<b>ADVISORY, ENFORCED</b>	
63967	P R LEC 001	M	1-5PM	3816 SSWB	Spencer		
<b>658</b>	<b>Women&amp;Community Org</b>				<b>3.00</b>	<b>ADVISORY, ENFORCED</b>	
64997	P R LEC 001	M	1-5PM	1804 SSWB	Wernick		
<b>663</b>	<b>Grant,Contr&amp;Fundr</b>				<b>3.00</b>	<b>ADVISORY, ENFORCED</b>	
61099	P R LEC 001	M	1-5PM	B684 SSWB	Miller		
<b>664</b>	<b>Mgt Hum Resources</b>				<b>3.00</b>	<b>ADVISORY, ENFORCED</b>	
63633	P R LEC 001	T	8-12PM	2816 SSWB	Tropman		
<b>670</b>	<b>Soc Pol Pract</b>				<b>3.00</b>	<b>ADVISORY, ENFORCED</b>	
64953	P R LEC 001	M	8-12PM	B684 SSWB	Kim		
<b>683</b>	<b>Eval In Social Work</b>				<b>3.00</b>	<b>ADVISORY, ENFORCED</b>	
61105	P R LEC 001	M	1-5PM	2816 SSWB	Cushman		
63411	P R LEC 002	T	8-12PM	2228 SEB	Bares		
<b>691</b>	<b>Adv Field Instructn</b>				<b>1.00-12.00</b>	<b>ADVISORY</b>	
	IND +		ARR	ARR			
<b>696</b>	<b>Practice Child&amp;Yth</b>				<b>3.00</b>	<b>ADVISORY, ENFORCED</b>	
62327	P R LEC 001	M	8-12PM	2816 SSWB	Ribaudo		
62329	P R LEC 002	M	8-12PM	2752 SSWB	Sanders		
63631	P R LEC 003	T	8-12PM	1804 SSWB	Ribaudo		
<b>698</b>	<b>Pract Mental Health</b>				<b>3.00</b>	<b>ADVISORY, ENFORCED</b>	
62331	P R LEC 001	M	8-12PM	2228 SEB	Balestrery		
62333	P R LEC 002	M	8-12PM	3816 SSWB	Weissman		
63965	P R LEC 003	T	8-12PM	B684 SSWB	Ford		
<b>699</b>	<b>SW Prac Health Promo</b>				<b>3.00</b>	<b>ADVISORY, ENFORCED</b>	
62335	P R LEC 001	M	8-12PM	3752 SSWB	Siefert		
64952	P R LEC 002	M	8-12PM	1804 SSWB	Kuester		
<b>790</b>	<b>Adv Topics in IP</b>				<b>1.00</b>		
63679	P R SEM 001	F	830-430PM	ARR	Allen		
	Crisis Intervtn Medical Set'g						
63681	P R SEM 002	WTH	830-430PM	ARR	Foley		
	Curr Treatmt Trauma Survivors						
63989	P R SEM 004	W	830-430PM	ARR	Ribaudo		
	Theory & Prac Infant Mntl Hlth						
63991	P R SEM 005	F	830-430PM	3816 SSWB	Ross		
	Health & Well TBLG Indiv & Fam						
<b>799</b>	<b>Adv Topics Macro SW</b>				<b>1.00</b>		
63683	P R SEM 001	WTH	830-430PM	ARR	Gant		
	GIS for Social Workers						
63685	P R SEM 002	TH	830-430PM	ARR	Spencer		
	Undstdg Divers Soc Just Dialog						
	Specific topic coming soon - Understanding Diversity and Social Justice through Dialogue						
63687	P R SEM 003	THF	830-430PM	ARR	Tropman		
	Budgeting/Financ Mgmt SW Mgrs						
<b>801</b>	<b>Researc-Util Intern</b>				<b>1.00-8.00</b>	<b>ADVISORY</b>	
	IND +		ARR	ARR			
<b>802</b>	<b>Researc-Util Intern</b>				<b>1.00-8.00</b>	<b>ADVISORY</b>	
	IND +		ARR	ARR			
<b>803</b>	<b>Researc-Util Intern</b>				<b>1.00-8.00</b>	<b>ADVISORY</b>	
	IND +		ARR	ARR			
<b>900</b>	<b>Prep Candidacy Eval</b>				<b>1.00-8.00</b>	<b>ADVISORY</b>	
	IND +		ARR	ARR			
<b>971</b>	<b>Directed Reading</b>				<b>1.00-4.00</b>	<b>ADVISORY</b>	
	IND +		ARR	ARR			
<b>972</b>	<b>Directed Reading</b>				<b>1.00-4.00</b>	<b>ADVISORY</b>	
	IND +		ARR	ARR			
<b>973</b>	<b>Directed Reading</b>				<b>1.00-4.00</b>	<b>ADVISORY</b>	
	IND +		ARR	ARR			
<b>974</b>	<b>Directed Reading</b>				<b>1.00-4.00</b>	<b>ADVISORY</b>	
	IND +		ARR	ARR			
<b>975</b>	<b>Directed Research</b>				<b>1.00-4.00</b>	<b>ADVISORY</b>	
	IND +		ARR	ARR			
<b>976</b>	<b>Directed Research</b>				<b>1.00-4.00</b>	<b>ADVISORY</b>	
	IND +		ARR	ARR			
<b>977</b>	<b>Directed Research</b>				<b>1.00-4.00</b>	<b>ADVISORY</b>	
	IND +		ARR	ARR			
<b>978</b>	<b>Directed Research</b>				<b>1.00-4.00</b>	<b>ADVISORY</b>	
	IND +		ARR	ARR			
<b>990</b>	<b>Diss-Precand</b>				<b>1.00-8.00</b>	<b>ADVISORY</b>	
	IND +		ARR	ARR			
<b>995</b>	<b>Diss-Cand</b>				<b>8.00</b>	<b>ENFORCED</b>	
	IR IND +		ARR	ARR			