

# Architecture & Urban Planning

## College of Architecture & Urban Planning

### Architecture (ARCH)

690	Arc Curr Pract Exper				1.00	ADVISORY
	I IND +	ARR	ARR			
739	Ind Research				6.00	ADVISORY
	IR IND +	ARR	ARR			
810	Tutorial Studies				1.00-6.00	ADVISORY
	IR IND +	ARR	ARR			
819	Supervised Research				1.00-6.00	ADVISORY
	IR IND +	ARR	ARR			
839	Research Practicum				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
	R IND +	ARR	ARR			

### Urban Planning (UP)

680	Directed Study				1.00-4.00	ADVISORY
	I IND +	ARR	ARR			
694	Community Devel Fld				1.00-4.00	ADVISORY
	I IND +	ARR	ARR			
734	Plan Thes-Prof Proj				3.00-6.00	ADVISORY
	I IND +	ARR	ARR			
990	PhD Diss-Precand				1.00-8.00	ADVISORY
	IR IND +	ARR	ARR			
995	PhD Diss-Cand				8.00	ENFORCED
	IR IND +	ARR	ARR			

# Art and Design

## School Of Art And Design

### Art and Design (ARTDES)

<b>320</b>	<b>Exchange Program</b>							<b>6.00-18.00</b>
61693	P LAB 009		ARR	ARR				Schmidt
Berlin								
61617	P LAB 010		ARR	ARR				<b>6.00</b>
<b>400</b>	<b>Int Project I</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)

750	Res Projects			1.00-3.00	ADVISORY
	IND +	ARR	ARR		
900	Special Research			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		

### Business Administration (BA)

399	Research Projects			1.00-3.00	
	IND +	ARR	ARR		
750	Research Projects			1.00-3.00	ADVISORY
	IND +	ARR	ARR		

### Business Economics And Public Policy (BE)

750	Res Projects			1.00-3.00	ADVISORY
	IND +	ARR	ARR		
900	Special 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		

### Business Information Technology (BIT)

750	Res Projects			1.00-3.00	ADVISORY
	IND +	ARR	ARR		
900	Spec Research Doct			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		

### Executive Master of Business Administration (EMBA)

611	Mng Val Chn/Sup Chn			3.00	ADVISORY, ENFORCED
	61851 P R REC 001	ARR	ARR	Duenyas	
	This course is reserved for Executive MBA students only, and meets from 5/16 - 8/18.				
615	Mngmt of Costs			1.50	ADVISORY
	61852 P REC 001	ARR	ARR	Lanen	
	This course is reserved for Executive MBA students only, and meets from 7/11 - 9/1.				
622	Competing Globally			1.50	ADVISORY
	62010 P REC 001	ARR	ARR	Evenett	
	This course is reserved for Executive MBA students only, and meets from 7/11 - 8/25.				
623	Compet in Resources			1.50	ADVISORY
	61853 P REC 001	ARR	ARR	Karnani	
	This course is reserved for Executive MBA students only, and meets from 5/16 - 7/7.				
625	Legal Envirmt of Bus			1.50	ADVISORY
	62011 P REC 001	ARR	ARR	Siedel III	
	This course is reserved for Executive MBA students only, and meets from 5/9 - 6/30.				
627	Corp Fin Strategy			1.50	ADVISORY
	62012 P REC 001	ARR	ARR	Seyhun	
	This course is reserved for Executive MBA students only, and meets from 5/9 - 6/16.				
628	Corporate Governance			1.50	ADVISORY
	62013 P REC 001	ARR	ARR	Schipani	
	This course is reserved for Executive MBA students only, and meets from 7/11 - 8/18				
629	Strat for Growth			3.00	ADVISORY
	62015 P REC 001	ARR	ARR	Karnani, Narayanan	
	This course is reserved for Executive MBA students only, and meets from 7/11 - 9/4.				
632	Lead Orgztl Change			1.50	ADVISORY
	61854 P REC 001	ARR	ARR	Sutcliffe	
	This course is reserved for Executive MBA students only, and meets from 5/16 - 6/23.				
637	Macroecon Envir Bus			1.50	ADVISORY
	61855 P REC 001	ARR	ARR	Levenstein	
	This course is reserved for Executive MBA students only, and meets from 7/11 - 8/25.				
639	Mngmt&Strat Gibl Env			1.50	
	62014 P REC 001	ARR	ARR	Kennedy	

This course is reserved for Executive MBA students only, and meets from 5/9 - 6/23.

**640 Project Course**  
61829 P REC 001 ARR ARR

**6.00 ADVISORY**  
Lawlor, Middleton

This course is reserved for Executive MBA students only, and meets from 5/15 - 8/16.

**Finance (FIN)**

750	Res Projects							
	IND +		ARR	ARR				
900	Special Research							
	IND +		ARR	ARR				
990	Diss-Precand							
	IND +		ARR	ARR				
995	Diss-Cand							
	R IND +		ARR	ARR				

**Marketing (MKT)**

750	Res Projects							
	IND +		ARR	ARR				
900	Special Research							
	IND +		ARR	ARR				
990	Diss-Precand							
	IND +		ARR	ARR				
995	Diss-Cand							
	IR IND +		ARR	ARR				

**Management and Organizations (MO)**

750	Res Projects							
	IND +		ARR	ARR				
900	Special Research							
	IND +		ARR	ARR				
990	Diss-Precand							
	IND +		ARR	ARR				
995	Diss-Cand							
	IR IND +		ARR	ARR				

**Operations and Management Science (OMS)**

750	Research Projects							
	IND +		ARR	ARR				
900	Spec Phd Research							
	IND +		ARR	ARR				
990	Diss-Precand							
	IND +		ARR	ARR				
995	Diss-Cand							
	IR IND +		ARR	ARR				

**Strategy (STRATEGY)**

750	Research Projects							
	IND +		ARR	ARR				
900	Doctoral Research							
	IND +		ARR	ARR				
990	Diss-Precand							
	IND +		ARR	ARR				
995	Diss-Cand							
	R IND +		ARR	ARR				

# Dentistry

## School Of Dentistry

### Dentistry (DENT)

490	Independ Research							1.00-3.00
	IND +		ARR	ARR				
646	ITDP: Periodontics							1.00-5.00
61952	P SEM 101		ARR	ARR			Richards	
647	ITDP: Oral Path/Med							1.00-5.00
61953	P SEM 101		ARR	ARR			Cordell	
648	ITDP: Oral Surgery							1.00-5.00
61954	P SEM 101		ARR	ARR			Karam	
740	Clinical Rotation - Oral Surgery							3.00
61823	P R LAB 001		ARR	ARR				ENFORCED
747	Pediatric Dentistry							1.00
61401	P LEC 001		ARR	ARR			Boynton	
840	Oral Surgery							1.00
61818	P LAB 101		ARR	ARR			Karam	
998	Curr Practical Prjct							1.00
62159	P SEM 101		ARR	ARR			Woolfolk	

### Dental Hygiene (DHYGRACK)

682	Sem Dentl Hyg							2.00
60051	P SEM 001		ARR	ARR				

### Endodontics (ENDODONT)

652	Clin Endodontics							1.00-2.00
60052	P LAB 001		ARR	ARR			McDonald	
653	Sem-Endodontics							1.00-2.00
60053	P SEM 001		ARR	ARR			McDonald	
655	Endo Research							1.00
61723	P LEC 002		ARR	ARR			McDonald	
657	Endodontic Surgery							2.00
60054	P SEM 001		ARR	ARR				
659	Current Lit Review							1.00
60055	P SEM 001		ARR	ARR			McDonald	
660	Case Pres & Treat							1.00
60056	P SEM 001		ARR	ARR			McDonald	

### Oral Biology (ORALBIOL)

678	Stat Meth Oral Biol							1.00-3.00
60057	P SEM 001		ARR	ARR				ADVISORY
990	Diss-Precand							1.00-8.00
	I IND +		ARR	ARR				ADVISORY
995	Diss-Cand							8.00
	IR IND +		ARR	ARR				ENFORCED

### Oral Diagnosis (ORALDIAG)

660	Thesis Investigatn							1.00-2.00
	I IND +		ARR	ARR				
661	Clinical Oral Diag							1.00-6.00
60061	P LAB 001		ARR	ARR				
665	Rad-Hyg-Radiography							1.00
60062	P SEM 001		ARR	ARR				

### Oral Health Sciences (ORALHEAL)

812	Sci Lab Rotations							3.00
	IND +		ARR	ARR				
813	Culture of Science							2.00
60064	P LEC 001		ARR	ARR				
851	Special Topics Sem							1.00-3.00
	I IND +		ARR	ARR				ADVISORY
990	Dissertatn-Precand							1.00-8.00
	IND +		ARR	ARR				ADVISORY
995	Dissertation-Cand							8.00
	R IND +		ARR	ARR				ENFORCED

### Oral Pathology (ORALPATH)

692	Surgical Oral Path							1.00-8.00
60068	P LAB 001		ARR	ARR				ADVISORY
693	Clinical Oral Path							1.00-4.00
60069	P LAB 001		ARR	ARR				ADVISORY
696	Thesis Investigatn							1.00-3.00
	I IND +		ARR	ARR				
698	Adv Oral Path Sem							1.00-6.00
60071	P SEM 001		ARR	ARR				ADVISORY
699	Journal Club							1.00-4.00
								ADVISORY

CAT# Class #	Course Title CODE CMP SEC	DAYS	TIME	LOCATION	CR INSTRUCTOR	PREREQ	LAB FEE
60072	P SEM 001		ARR	ARR			
<b>Oral Surgery (ORALSURG)</b>							
752	Clin Oral Surg Serv						3.00
60073	P LAB 001		ARR	ARR			
753	Thesis Investigatn						1.00-3.00
	I IND +		ARR	ARR			
<b>Orthodontics (ORTHO)</b>							
760	Clinical Orthodon						1.00-2.00
60075	P LAB 001		ARR	ARR		Arruda	
761	Ortho Techniques						1.00-3.00
61717	P SEM 001		ARR	ARR		McNamara Jr	
762	Sem in Orthodontics						2.00
60076	P SEM 001		ARR	ARR			
763	Ortho Pediat Dent						3.00
60077	P LAB 001		ARR	ARR			
766	Research-Thesis						1.00-2.00
	I IND +		ARR	ARR			
778	Mg Chl Craniofac						1.00
61713	P LEC 001		ARR	ARR		Kelly	
<b>Pediatric Dentistry (PEDDENT)</b>							
591	Clinical Ped Dent						1.00-5.00
60078	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
60080	P LAB 001		ARR	ARR		Wang	
782	Sem in Periodontics						1.00
61220	P LEC 101		ARR	ARR			
786	Periodontal Therapy						1.00-2.00
60081	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
60083	P SEM 001		ARR	ARR			
638	Partial Dent Theory						1.00
60084	P SEM 001		ARR	ARR			
639	Applic Partial Dent						1.00
60085	P SEM 001		ARR	ARR			ADVISORY
643	Clin Prosthodontics						1.00-3.00
61046	P LAB 001		ARR	ARR		Billy	
645	Thesis Investigatn						1.00-3.00
	I IND +		ARR	ARR			
648	Adv Prosth Seminar						1.00
60086	P SEM 001		ARR	ARR			
738	Crown&Bridge Prosth						1.00-2.00
60087	P SEM 001		ARR	ARR			
882	Ceramo-Metal Proc						1.00
60088	P SEM 001		ARR	ARR		Beard	
<b>Restorative (RESTORA)</b>							
742	Clin Restor Dent						1.00-8.00
60089	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
60091	P SEM 101		ARR	ARR			
748	Spec Topc Oper Dent						1.00-3.00
60092	P SEM 001		ARR	ARR			
860	Neuromuscular Phys						1.00
61928	P SEM 101		ARR	ARR		Gerstner	
866	Masticatory System						1.00
60093	P SEM 001		ARR	ARR			ADVISORY
868	Bioengin Occlusion						2.00
60094	P SEM 001		ARR	ARR			ADVISORY
869	Occlusion Lab						1.00-3.00
60095	P LAB 001		ARR	ARR			
871	Concepts of Occlus						1.00
61715	P SEM 001		ARR	ARR		Gerstner	
873	Clin Prac Occlusion						1.00-6.00
60096	P LAB 001		ARR	ARR			
880	Investigatn Thesis						1.00-3.00
	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>
61998	P LEC 001		ARR	ARR		Taichman		
<b>487</b>	<b>Hlth Promo&amp;Rsk Red</b>					<b>3.00</b>		<b>ADVISORY</b>
61999	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>	I	IND +	ARR	ARR			<b>1.00-6.00</b>	<b>ADVISORY</b>
Students should obtain permission from the instructor via email and then forward to Tina Sanford at tsanf@umich.edu.									
<b>317</b>	<b>Observ-Particip Ed</b>	I	IND +	ARR	ARR			<b>1.00-8.00</b>	<b>ADVISORY</b>
Students should obtain permission from the instructor via email and then forward to Tina Sanford at tsanf@umich.edu.									
<b>320</b>	<b>Honors Ind Study</b>	I	IND +	ARR	ARR			<b>1.00-6.00</b>	<b>ADVISORY</b>
Students should obtain permission from the instructor via email and then forward to Tina Sanford at tsanf@umich.edu.									
<b>605</b>	<b>Intern Learn Tech</b>	SI	IND +	ARR	ARR			<b>3.00</b>	
Required for Learning Tech students. Students should obtain permission from instructor and then complete online form located at <a href="http://sitemaker.soe.umich.edu/soe.ispe/request">http://sitemaker.soe.umich.edu/soe.ispe/request</a> .									
<b>638</b>	<b>Intrn&amp;Dir Field Exp</b>	I	IND +	ARR	ARR			<b>1.00-6.00</b>	<b>ADVISORY</b>
Students should obtain permission from instructor and then complete online form located at <a href="http://sitemaker.soe.umich.edu/soe.ispe/request">http://sitemaker.soe.umich.edu/soe.ispe/request</a> .									
<b>640</b>	<b>Indi Study Ed Sty</b>	I	IND +	ARR	ARR			<b>1.00-3.00</b>	<b>ADVISORY</b>
Students should obtain permission from instructor and then complete online form located at <a href="http://sitemaker.soe.umich.edu/soe.ispe/request">http://sitemaker.soe.umich.edu/soe.ispe/request</a> .									
<b>650</b>	<b>Refl Teach Fld Exp</b>	I	IND +	ARR	ARR			<b>1.00-12.00</b>	<b>ADVISORY</b>
<b>655</b>	<b>Dir Resear Ed Study</b>	I	IND +	ARR	ARR			<b>1.00-6.00</b>	<b>ADVISORY</b>
Students should obtain permission from instructor and then complete online form located at <a href="http://sitemaker.soe.umich.edu/soe.ispe/request">http://sitemaker.soe.umich.edu/soe.ispe/request</a> .									
<b>657</b>	<b>Practicum Ed Study</b>	I	IND +	ARR	ARR			<b>1.00-6.00</b>	<b>ADVISORY</b>
Students should obtain permission from instructor and then complete online form located at <a href="http://sitemaker.soe.umich.edu/soe.ispe/request">http://sitemaker.soe.umich.edu/soe.ispe/request</a> .									
<b>728</b>	<b>Prac Learn Tech</b>	SI	IND +	ARR	ARR			<b>1.00-4.00</b>	<b>ADVISORY</b>
Students should obtain permission from instructor and then complete online form located at <a href="http://sitemaker.soe.umich.edu/soe.ispe/request">http://sitemaker.soe.umich.edu/soe.ispe/request</a> .									
<b>767</b>	<b>Res Prac Hi&amp;Cont Ed</b>	SI	IND +	ARR	ARR			<b>3.00</b>	<b>ADVISORY</b>
Students should obtain permission from instructor and then complete online form located at <a href="http://sitemaker.soe.umich.edu/soe.ispe/request">http://sitemaker.soe.umich.edu/soe.ispe/request</a> .									
<b>770</b>	<b>Ind St High&amp;Cont Ed</b>	SI	IND +	ARR	ARR			<b>1.00-3.00</b>	<b>ADVISORY</b>
Students should obtain permission from instructor and then complete online form located at <a href="http://sitemaker.soe.umich.edu/soe.ispe/request">http://sitemaker.soe.umich.edu/soe.ispe/request</a> .									
<b>835</b>	<b>Independent Study</b>	I	IND +	ARR	ARR			<b>1.00-3.00</b>	
Students should obtain permission from instructor and then complete online form located at <a href="http://sitemaker.soe.umich.edu/soe.ispe/request">http://sitemaker.soe.umich.edu/soe.ispe/request</a> .									
<b>899</b>	<b>Qualfy Exam Phd&amp;Edd</b>	61624 P	REC 002	ARR	ARR		Rowley	<b>1.00-3.00</b>	<b>ADVISORY</b>
Students enrolling in this section should have enrolled for 2 credit hours of 899-002 in Winter 08. Students should enroll for 1 credit hour in Sp/Su 08.									
		61892 P	REC 003	ARR	ARR		Rowley		
Section 003: Requires enrollment of 3 credit hours									
<b>990</b>	<b>Diss-Precand</b>	SI	IND +	ARR	ARR			<b>1.00-8.00</b>	<b>ADVISORY</b>
Students should obtain permission from instructor and then complete online form located at <a href="http://sitemaker.soe.umich.edu/soe.ispe/request">http://sitemaker.soe.umich.edu/soe.ispe/request</a> .									
<b>995</b>	<b>Diss-Cand</b>	SIR	IND +	ARR	ARR			<b>4.00-8.00</b>	<b>ENFORCED</b>
Students should obtain permission from instructor and then complete online form located at <a href="http://sitemaker.soe.umich.edu/soe.ispe/request">http://sitemaker.soe.umich.edu/soe.ispe/request</a> .									



**Engineering**  
**Aerospace Engineering**  
**Aerospace Engineering (AEROSP)**

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

## Biomedical Engineering

### Biomedical Engineering (BIOMEDE)

590	Directed Research I IND +		ARR	ARR		1.00-16.00	ADVISORY	
591	M S Thesis I IND +		ARR	ARR		1.00-16.00	ADVISORY	
990	Diss-Precand I 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						1.00-16.00	ADVISORY
	IND +		ARR	ARR				
490	Adv Res&Spec Problem						1.00-16.00	ADVISORY
	IND +		ARR	ARR				
695	Research Problems						1.00-16.00	ADVISORY
	IND +		ARR	ARR				
698	Directed Study						1.00-16.00	
	IND +		ARR	ARR				
990	Diss-Precand						1.00-8.00	ADVISORY
	IND +		ARR	ARR				
995	Diss-Cand						8.00	ENFORCED
	IR IND +		ARR	ARR				

## 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>	
61043	P DIS 001		ARR	ARR		Gregerman		
<b>301</b>	<b>Engr Ugrad Stdy Abrd</b>					<b>1.00-16.00</b>	<b>ADVISORY</b>	
61443	P LEC 100		ARR	ARR				
<b>400</b>	<b>Co-Op Educ Engr</b>					<b>0.00</b>	<b>ADVISORY</b>	<b>0.75</b>
60133	PD DIS 001		ARR	ARR		Herrin		
<b>591</b>	<b>Engr Grad Study Abrd</b>					<b>1.00-16.00</b>	<b>ADVISORY</b>	
61482	PD LEC 013		ARR	ARR				
Eindhoven	Univ of Tech,Netherl							
61469	P LEC 100		ARR	ARR				
<b>600</b>	<b>Eng Practicum Proj</b>					<b>1.00-8.00</b>	<b>ADVISORY</b>	
	D 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	
62033	PD LEC 881		ARR	ARR		Wooldridge		
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				

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

## Mech Eng & Applied Mech Dept

### Applied Mechanics & Engineering Science (AMES)

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

490	Expmntl Res in M E I IND +		ARR	ARR		3.00	ADVISORY	
491	Independent Study I IND +		ARR	ARR		1.00-3.00	ADVISORY	
590	Res Sel M E Topics I IND +		ARR	ARR		3.00-6.00	ADVISORY	
595	Master Thesis Prop IND +		ARR	ARR		3.00	ADVISORY	
695	Master Thesis Res IND +		ARR	ARR		3.00	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							
	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 I IND +		ARR	ARR	1.00-3.00		ADVISORY	
588	Rad Safe&Md Phy Prac I IND +		ARR	ARR	1.00-12.00		ADVISORY	
599	Masters Project I IND +		ARR	ARR	1.00-3.00		ADVISORY	
799	Special Project I IND +		ARR	ARR	1.00-6.00			
990	Diss-Precand I IND +		ARR	ARR	1.00-8.00		ADVISORY	
995	Diss-Cand IR IND +		ARR	ARR	8.00		ENFORCED	

# Information

## School Of Information

### Information (SI)

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

<b>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

## Division Of Kinesiology

### Athletic Training (AT)

403	Internship in AT				1.00-4.00	ADVISORY
61712	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
62337	P LAB 001	ARR	ARR			
62338	PI LAB 002	ARR	ARR		Gross	
449	Lab Exer Phys				1.00-3.00	ADVISORY
61669	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)

403	Internship				1.00-4.00	ADVISORY
61677	PI LAB 001	ARR	ARR		Reck	
439	Lab Biomechanic				1.00-3.00	ADVISORY
62329	P LAB 001	ARR	ARR			
62330	PI LAB 002	ARR	ARR		Gross	
449	Lab Exer Phys				1.00-3.00	ADVISORY
61664	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
61387	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				

# Law

## Law School

### Law (LAW)

<b>520</b>	<b>Contracts</b>					<b>5.00</b>	<b>ENFORCED</b>
62076	PDR LEC 001	MTWTHF	8-920AM	250 HUTCH	White		
ABCD, 2, 15, 33							
<b>580</b>	<b>Torts</b>					<b>5.00</b>	<b>ENFORCED</b>
62074	PDR LEC 001	MTWTH	115-235PM	116 HUTCH	Clark		
AB, 2, 33							
62075	PDR LEC 002	MTWTH	315-435PM	116 HUTCH	Clark		
CD, 2, 33							
<b>590</b>	<b>Legal Practice I</b>					<b>2.00</b>	<b>ENFORCED</b>
62077	PDR LEC 001	TTH	11-1215PM	116 HUTCH	Frost		
A, 1, 33							
62079	PDR LEC 002	TTH	11-1215PM	S106 LLIB	Tonner		
B, 1, 33							
62081	PDR LEC 003	TTH	950-11AM	220 HUTCH	Seymour		
C, 1, 33							
62084	PDR LEC 004	TTH	1115-1230PM	220 HUTCH	Seymour		
D, 1, 33							
<b>592</b>	<b>Legal Practice Skills</b>					<b>1.00</b>	<b>ENFORCED</b>
62078	PDR LEC 001		ARR	ARR	Frost		
A, 1, 33							
62080	PDR LEC 002		ARR	ARR	Tonner		
B, 1, 33							
62082	PDR LEC 003		ARR	ARR	Seymour		
C, 1, 33							
62083	PDR LEC 004		ARR	ARR	Seymour		
D, 1, 33							
<b>794</b>	<b>Senior Judge Seminar II</b>					<b>2.00</b>	<b>ADVISORY, ENFORCED</b>
61849	PDR SMA 001		ARR	ARR	Tonner		
24, 25, 36							
<b>799</b>	<b>Senior Judge Seminar</b>					<b>2.00</b>	<b>ENFORCED</b>
61848	PDR SMA 001		ARR	ARR	Tonner		
1, 24, 36							
<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>
61598	PDRWCLN 001		ARR	ARR	Kagan		
3, 7, 8, 9, 12, 26							
<b>940</b>	<b>External Studies</b>					<b>9.00</b>	<b>ENFORCED</b>
61807	PDR LAB 001		ARR	ARR			
1, 27							
<b>941</b>	<b>Externship Paper</b>					<b>3.00</b>	<b>ENFORCED</b>
	DR IND +		ARR	ARR			
2, 4, 27							
<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>1.00-3.00</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	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	ADVISORY	
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	ADVISORY
	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	ADVISORY	
	IND +		ARR	ARR				
699	Directed Readings					1.00-6.00	ADVISORY	
	IND +		ARR	ARR				
798	MA Essay S.S.E.A.					1.00-6.00	ADVISORY	
	IND +		ARR	ARR				
799	Mastr Essay Jap Std					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   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	
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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 IND +		ARR	ARR			1.00-4.00	
995	Diss-Cand R IND +		ARR	ARR			8.00	ENFORCED

## 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	
61350	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	
	IR 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				
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	
	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)

700	China MA Thesis IND +		ARR	ARR			1.00-3.00	ADVISORY	
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## 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	
60207	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 IR 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							
	IND +		ARR	ARR			1.00-6.00	ADVISORY
499	Research&Spec Work							
	IND +		ARR	ARR			1.00-6.00	ADVISORY
709	Thesis Res Am-Ms							
	IND +		ARR	ARR			1.00-6.00	ADVISORY
929	Investigations							
	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

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

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

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	
60354	PI REC 001		ARR		ARR		Gregerman		

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

## Latin Amer & Carribean Studies

### Latin American And Caribbean Studies (LACS)

499	Independent Study						1.00-3.00	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		

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## Lloyd Hall Scholars Program

### Lloyd Hall Scholars Program (LHSP)

299	Independent Study								
61640	PI	REC	001		ARR			1.00-4.00	ADVISORY

## Macromolecular Sci & Engr Ctr

### Macromolecular Science (MACROMOL)

790	Fac Actv Res Surv					1.00	ADVISORY	
60623	P SEM 001		ARR	ARR		Martin		
800	Macromolecular Sem					2.00	ADVISORY	
60624	P SEM 001		ARR	ARR		Martin		
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	
	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						1.00-3.00	ADVISORY
	I IND +		ARR	ARR				
302	Teach Exper Undergr						1.00-3.00	ADVISORY
	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	ADVISORY	
	IND +		ARR	ARR				
498	Sr Honors 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				

### Ancient Civilizations And Biblical Studies (ACABS)

395	ACABS Ug Dir Read					1.00-3.00	ADVISORY	
	IND +		ARR	ARR				
498	Sr Honors 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				

### 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		

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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	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	DAYS	TIME	LOCATION	INSTRUCTOR			

## Psychology Department

### Psychology (PSYCH)

200	Ind Psych Issues					1.00-4.00	ADVISORY	
	IND +		ARR	ARR				
307	Directed Experience					3.00-4.00	ADVISORY	
60317	PI LAB 001		ARR	ARR	Demare			
Practicum in Child Dev & Care								
For registration information call 734-647-7144 or email judymc@umich.edu. Classroom placements are arranged in four-hour blocks from 8:00-12:00noon or 12:30-4:30pm, Monday through Friday.								
322	Fld Prac Res Nat Sci					1.00-4.00	ADVISORY	
	IND +		ARR	ARR				
323	Fld Prac Res Soc Sci					1.00-4.00	ADVISORY	
	IND +		ARR	ARR				
326	Dir Res Psych/NS					1.00-4.00	ADVISORY	
	IND +		ARR	ARR				
327	Dir Res Psych/SS					1.00-4.00	ADVISORY	
	IND +		ARR	ARR				
328	Res Lab Psy Nat Sci					1.00	ADVISORY	
	IND +		ARR	ARR				
329	Res Lab Psy Soc Sci					1.00	ADVISORY	
	IND +		ARR	ARR				
404	Field Practicum					1.00-12.00	ADVISORY	
	IND +		ARR	ARR				
405	Pract Univ Setting					1.00-5.00	ADVISORY	
	IND +		ARR	ARR				
420	Adv Reading NS					1.00-6.00	ADVISORY	
	IND +		ARR	ARR				
421	Adv Reading Soc Sci					1.00-6.00	ADVISORY	
	IND +		ARR	ARR				
422	Adv Research NS					1.00-6.00	ADVISORY	
	IND +		ARR	ARR				
423	Adv Res Soc Sci					1.00-6.00	ADVISORY	
	IND +		ARR	ARR				
424	Sr Hon Res I Nat Sci					3.00	ADVISORY	
61657	PI LAB 256		ARR	ARR	Robinson			
61523	PI LAB 574		ARR	ARR	Tardif			
425	Sr Hon Res I Soc Sc					3.00	ADVISORY	
61316	SI SEM 001		ARR	ARR	Sekaquaptewa			
61539	PI LAB 372		ARR	ARR	Seifert			
61645	PI LAB 457		ARR	ARR	Gutierrez			
61557	PI LAB 514		ARR	ARR	Shah			
62228	PI LAB 544		ARR	ARR	Lord			
426	Sr Hon Res II Nat Sc					2.00-4.00	ADVISORY	
61856	PI LAB 578		ARR	ARR	Lewis			
62009	PI LAB 592		ARR	ARR	Bergman			
427	Sr Hon Res II Soc Sc					3.00	ADVISORY	
62171	PI LAB 580		ARR	ARR	Flynn			
428	Sr Thesis Psych NS					2.00-4.00	ADVISORY	
	D IND +		ARR	ARR				
429	Sr Thesis Psych SS					2.00-4.00	ADVISORY	
	D IND +		ARR	ARR				
619	Supervised Research					1.00-4.00	ADVISORY	
	I IND +		ARR	ARR				
687	Meth Survey Sampling					3.00	ADVISORY	
61906	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.								
706	Tutorial Reading					1.00-4.00	ADVISORY	
	I IND +		ARR	ARR				
711	Question Design					3.00	ADVISORY	
61908	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.								
719	Supervised Research					1.00-5.00	ADVISORY	
	I IND +		ARR	ARR				
819	Supervised Research					1.00-4.00	ADVISORY	
	I IND +		ARR	ARR				
879	Internship Clin Psy					1.00-4.00	ADVISORY	
	SI 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				

## 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						1.00-3.00	ADVISORY
	IND +		ARR	ARR				
801	Directed Reading						1.00-3.00	ADVISORY
	IND +		ARR	ARR				

## SRC-PSM Graduate Program

### Survey Methodology (SURVMETH)

<b>612</b>	<b>Meth Survey Sampling</b>						<b>3.00</b>	<b>ADVISORY</b>
61903	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>
61904	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>
61901	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>
61902	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>
62828	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)

355	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	<b>Directed Reading</b>						<b>1.00-4.00</b>	<b>ADVISORY</b>
	I IND +		ARR	ARR				
612	<b>Meth Survey Sampling</b>						<b>3.00</b>	<b>ADVISORY</b>
61907	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	<b>Directed Research</b>						<b>1.00-6.00</b>	<b>ADVISORY</b>
	I IND +		ARR	ARR				
696	<b>Directed Reading</b>						<b>1.00-6.00</b>	<b>ADVISORY</b>
	I IND +		ARR	ARR				
711	<b>Question Design</b>						<b>3.00</b>	<b>ADVISORY</b>
61909	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	<b>Diss-Precand</b>						<b>1.00-4.00</b>	<b>ADVISORY</b>
	I IND +		ARR	ARR				
995	<b>Diss-Cand</b>						<b>8.00</b>	<b>ENFORCED</b>
	IR IND +		ARR	ARR				

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

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## Statistics Department

### Statistics (STATS)

750	Directed Reading					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	Direct Reading					1.00-3.00	ADVISORY	
	IND +		ARR	ARR				
386	Direct Reading II					1.00-3.00	ADVISORY	
	IND +		ARR	ARR				
387	Direct Reading III					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		
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CAT#	Course Title					CR	PREREQ	LAB FEE
Class #	CODE CMP SEC	DAYS	TIME	LOCATION	INSTRUCTOR			

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## Bioinformatics

### Bioinformatics (BIOINF)

599	Directed Research IND +		ARR	ARR		1.00-8.00		
995	Diss-Cand Res DR IND +		ARR	ARR		8.00	ENFORCED	

## Biological Chemistry Department

### Biological Chemistry (BIOLCHEM)

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

## Cell and Developmental Biology

### Anatomy and Cell Biology (ANAT)

800	Special Topics						1.00	ADVISORY
60362	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
61643	P SEM 001 T		4-6PM	2062 PALM		Schteingart		
605	Mentored Clin Res						1.50-4.00	ADVISORY
61830	P LAB 002		ARR	ARR		Kang		
606	Clinical Res Sem						1.00-2.00	ADVISORY
61993	P SEM 001		ARR	ARR				
607	Clin Res Symposia						1.00-2.00	ADVISORY
61404	P SEM 001		ARR	ARR		Schteingart		
611	Intro Clin Res Meth						2.00	ADVISORY
61831	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	
60363	S R LEC 001	W	2-5PM	ARR				
60364	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					1.00-9.00	ADVISORY	
	I IND +		ARR	ARR				
801	Neurosci Res Method					1.00-9.00	ADVISORY	
	I IND +		ARR	ARR				
990	Diss-Precand					1.00-8.00	ADVISORY	
	I IND +		ARR	ARR				
995	Diss-Cand					8.00	ENFORCED	
	R IND +		ARR	ARR				

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

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

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

## Ophthalmology Department

### Ophthalmology (OPHTH)

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

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

## Otorhinolaryngology Department

### Otorhinolaryngology (OTO)

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

## Pathology Department

### Pathology (PATH)

499	Clinical Research I IND +		ARR	ARR			2.00-6.00	
599	Non-Diss Research IND +		ARR	ARR			1.00-8.00	
699	Ind Ug Research I IND +		ARR	ARR			1.00-9.00	ADVISORY
850	Res Colloq Exp Path PI DIS 001		ARR	ARR			1.00	ADVISORY
60410 920	Research in Path I IND +		ARR	ARR			1.00-6.00	ADVISORY
990	Pre-Cand Diss Res I IND +		ARR	ARR			1.00-8.00	ADVISORY
995	Cand Diss Research IR IND +		ARR	ARR			8.00	ENFORCED



## 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	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		

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## Surgery Department

### Surgery (SURGERY)

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

# Music, Theatre & Dance

## School of Music, Theatre and Dance

### Composition (COMP)

990	Diss-Precand 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	
61442	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)

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

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## 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							
61761	PD LAB 133		ARR	ARR			1.00-4.00	ADVISORY
	Index on Sustainable Downtowns						Gladwin	
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			

# Nursing School Of Nursing

## Nursing (NURS)

<b>245</b>	<b>Pathophysiology</b>					<b>6.00</b>	<b>ADVISORY</b>	
60456	P LEC 333	W	9-4PM	ARR	Bruggeman			
61620	P LEC 444		ARR	ARR				
<b>252</b>	<b>Health Assessment I</b>					<b>3.00</b>	<b>ADVISORY</b>	<b>350.00</b>
61419	A LEC 222	W	330-9PM	1230 SNB	Fenske			
61420	P LAB 223		ARR	ARR	Fenske			
61695	P LAB 224		ARR	ARR				
<b>334</b>	<b>Health Behavior</b>					<b>6.00</b>	<b>ADVISORY</b>	
61335	A DIS 222	T	4-8PM	UM HOSP	Sarkar			
61336	P LAB 223	T	6-8PM	ARR	Pardee			
61877	P LAB 224	T	6-8PM	ARR	Pardee			
61334	A DIS 333	W	3-8PM	ARR	Ford			
61337	P LAB 334		ARR	ARR	Ford			
61338	A DIS 444		ARR	ARR	Johnson			
61339	P LAB 445		ARR	ARR	Johnson			
<b>422</b>	<b>Community Care Nurs</b>					<b>6.00</b>	<b>ADVISORY</b>	<b>200.00</b>
61599	A LEC 001	W	9-12PM	ARR	Esch			
61600	P R LAB 002	TH	8-5PM	WASHCTY HD	Sarkar			
	P R LAB 002	W	1-5PM	3151 SNB				
61601	P R LAB 003	TH	8-5PM	OAKL CTY HLTH DEPT	MAULED LAKE			
	P R LAB 003	W	1-5PM	3156 SNB				
61602	P R LAB 004	TH	8-5PM	ARR	Nelson			
	P R LAB 004	W	1-5PM	3158 SNB				
61705	P R LAB 005	TH	8-5PM	N. CAMPUS FAMILY HEALTH	HEATH SERVICE			
	P R LAB 005	W	1-5PM	1191 SNB				
61706	P R LAB 006	TH	8-5PM	OAKL CTY HLTH DEPT	ROGNAC			
	P R LAB 006	W	1-5PM	1219 SNB				
61835	P LAB 007	TH	8-5PM	LIVINGSTON COUNTY	ELKH			
	P LAB 007	W	1-5PM	3303 SNB				
<b>433</b>	<b>Ment Hlth&amp;Ill Lfsn</b>					<b>6.00</b>	<b>ADVISORY</b>	
61603	A LEC 001	M	8-12PM	1240 SNB	Sullivan			
61604	P R LAB 002	T	4-9PM	HURONVALLEY	Foley			
	P R LAB 002		ARR	ARR				
61605	P R LAB 003	M	3-830PM	UM HOSP	Dansel			
	P R LAB 003		ARR	ARR				
61606	P R LAB 004	T	7-1230PM	STJOSEPH HOSP	Charania			
	P R LAB 004		ARR	ARR				
61623	P R LAB 005	T	3-830PM	HAWTHORN REG	Thomas			
	P R LAB 005		ARR	ARR				
61708	P R LAB 006	M	3-830PM	HAWTHORN REG	Thomas			
	P R LAB 006		ARR	ARR				
61836	P LAB 007	T	8-130PM	VETERANSHOSP	Nelson			
	P LAB 007		ARR	ARR				
<b>435</b>	<b>Leadership&amp;Managemnt</b>					<b>5.00</b>	<b>ADVISORY</b>	
61607	A LEC 001	M	8-12PM	ARR	Christy			
61608	P LAB 002	T	8-4PM	ARR	Beebe			
61609	P LAB 003	T	8-4PM	ARR	Kruszewski			
61700	P LAB 004	T	8-4PM	ARR	Marsh			
61850	P LAB 005	T	8-4PM	ARR	Benschoter			
<b>454</b>	<b>Leadership&amp;Mngmt</b>					<b>5.00</b>	<b>ADVISORY</b>	
61411	P LEC 222	T	330-730PM	1240 SNB	Abdoo			
61412	A LAB 223		ARR	ARR	Abdoo			
After May	13 students will have a 6-8 hrs clinical per week							
61838	P LEC 333		ARR	ARR	Sangalli-Davis			
61839	A LAB 334		ARR	ARR	Sangalli-Davis			
61413	P LEC 444		ARR	ARR	Vestal			
61414	A LAB 445		ARR	ARR	Vestal			
<b>455</b>	<b>Trans Prof Practice</b>					<b>3.00</b>	<b>ADVISORY</b>	
61610	A LEC 001	M	1-4PM	ARR	Christy			
61611	P LAB 002	WTHF	8-4PM	ARR	Beebe			
61612	P LAB 003	WTHF	8-4PM	ARR	Kruszewski			
61699	P LAB 004	WTHF	8-4PM	ARR	Marsh			
61837	P LAB 005	WTHF	8-4PM	ARR	Benschoter			
<b>499</b>	<b>Independent Study</b>					<b>1.00-5.00</b>	<b>ADVISORY</b>	
	I IND +		ARR	ARR				
<b>520</b>	<b>CNS Role Practicum</b>					<b>3.00</b>	<b>ADVISORY</b>	
61690	P SEM 001		ARR	ARR				
61691	S DIS 002		ARR	ARR				
61692	S LAB 003		ARR	ARR				
<b>536</b>	<b>Util of Nurs Res</b>					<b>2.00</b>	<b>ADVISORY</b>	
61418	P R LEC 001	F	1-3PM	1240 SNB	Tzeng			
Web based course								
61876	P R LEC 844	F	1-3PM	ARR	Tzeng			

CAT# Class #	Course Title CODE CMP SEC	DAYS	TIME	LOCATION	CR INSTRUCTOR	PREREQ	LAB FEE
Web based course							
<b>543</b>	<b>Adv Pathophysiology</b>				<b>3.00</b>		
62054	P LEC 001 TH		130-430PM	3152 SNB	Miller, O'Grady		
<b>563</b>	<b>CHN&amp;Pop Assessment</b>				<b>1.00-4.00</b>	<b>ADVISORY</b>	
61842	P LEC 001		ARR	ARR			
61843	A LAB 002		ARR	ARR			
61844	A SEM 003		ARR	ARR			
61873	P LEC 844		ARR	ARR	Barkauskas		
61874	A LAB 845		ARR	ARR	Barkauskas		
61875	A SEM 846		ARR	ARR	Barkauskas		
<b>567</b>	<b>Iss Adv Comm Hlth</b>				<b>1.00-3.00</b>	<b>ADVISORY</b>	
61840	P LEC 884		ARR	ARR			
<b>572</b>	<b>Cur&amp;Emerg Iss Occu</b>				<b>2.00</b>	<b>ADVISORY</b>	
61841	P R LEC 844		ARR	ARR	Strasser		
<b>583</b>	<b>Eld Mnt ill:Mng Care</b>				<b>1.00</b>	<b>ADVISORY</b>	
61555	P SEM 001		ARR	ARR			
<b>584</b>	<b>Elder Ment ill:Clin</b>				<b>1.00</b>	<b>ADVISORY</b>	
61554	P LAB 001		ARR	ARR	Beattie		
<b>585</b>	<b>Adv Prac Clin Pract</b>				<b>3.00</b>	<b>ADVISORY</b>	
60458	A SEM 001		ARR	ARR	Bargardi		
60459	P LAB 002		ARR	ARR	Bargardi		
MED-SURG							
61415	P LAB 003		ARR	ARR	Bargardi		
GERO							
61416	P LAB 004		ARR	ARR	Strodtman		
PSYCH							
<b>603</b>	<b>Data Management</b>				<b>2.00</b>	<b>ADVISORY</b>	
61421	P R LEC 001 F		330-530PM	1240 SNB	Tzeng		
Web based course. Division III students.							
61872	P R LEC 002 TH		10-12PM	1240 SNB	Miller		
Web based course. Division I & Division II students.							
<b>645</b>	<b>Adv Prac Wom Hlth</b>				<b>4.00</b>	<b>ADVISORY</b>	
61845	P SEM 001		ARR	ARR	Sampselle		
<b>647</b>	<b>Inf Child&amp;Adol Hlth</b>				<b>1.00-4.00</b>	<b>ADVISORY</b>	
60460	P SEM 001 T		8-3PM	3151 SNB	Boucher		
60461	A LAB 002		ARR	ARR	Boucher		
<b>653</b>	<b>Nurs Syst Internship</b>				<b>3.00</b>	<b>ADVISORY</b>	
60462	P SEM 001		ARR	ARR	Kalisch		
WEB BASED COURSE							
<b>655</b>	<b>Mgt Acc&amp;Fin</b>				<b>4.00</b>	<b>ADVISORY</b>	
60965	P LEC 001 F		8-12PM	ARR	Rivenson		
WEB BASED COURSE							
<b>687</b>	<b>Mng Commun Base Sys</b>				<b>4.00-6.00</b>	<b>ADVISORY</b>	
60463	P LEC 801		ARR	ARR			
60464	A LAB 802		ARR	ARR			
61615	P LEC 844		ARR	ARR			
61616	A LAB 845		ARR	ARR			
<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>883</b>	<b>Topics Bio-Behavior</b>				<b>3.00</b>	<b>ADVISORY</b>	
	I IND +		ARR	ARR			
<b>884</b>	<b>Topic Hlt Promotion</b>				<b>3.00</b>	<b>ADVISORY</b>	
	I IND +		ARR	ARR			
<b>885</b>	<b>Topics in Nurs Sys</b>				<b>3.00</b>	<b>ADVISORY</b>	
	I IND +		ARR	ARR			
<b>886</b>	<b>Topics in Wom Health</b>				<b>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 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
60473					
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	Investig Pharm 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

#### 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	ADVISORY
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
61922	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)

<b>570</b>	<b>Water Quality Mgt</b>					<b>3.00</b>	<b>ADVISORY</b>	
61920	P LEC 888		ARR	ARR		Xi		
<b>581</b>	<b>Principles Rad Hlth</b>					<b>1.00</b>	<b>ADVISORY</b>	
61921	P LEC 888		ARR	ARR		Miklos		
<b>600</b>	<b>Prof Perspectives</b>					<b>2.00</b>	<b>ADVISORY</b>	
62229	P LEC 888		ARR	ARR		Jolliet		
<b>668</b>	<b>Prof Sem Occu Hlth</b>					<b>1.00</b>		
62230	P SEM 888		ARR	ARR		Meeker		
<b>697</b>	<b>Readings</b>					<b>1.00-3.00</b>	<b>ADVISORY</b>	
	IR IND +		ARR	ARR				
<b>698</b>	<b>Research</b>					<b>1.00-6.00</b>	<b>ADVISORY</b>	
	IRW IND +		ARR	ARR				
<b>699</b>	<b>Masters Thesis</b>					<b>1.00</b>	<b>ADVISORY</b>	
	IR IND +		ARR	ARR				
<b>899</b>	<b>Adv Research</b>					<b>1.00-6.00</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				

## 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)

540	Legal Rules&Ethics				2.00	ADVISORY
61588	PI LEC 333	ARR	ARR			
605	Mgt Acc&Fin				4.00	ADVISORY
61022	P LEC 001 F	8-12PM	ARR	Rivenson		
607	Corp Fin H C Admin				3.00	ADVISORY
61582	PI LEC 777	ARR	ARR			
644	Mktg&Compet Strat HC				2.00-3.00	ADVISORY
61495	PI LEC 777	ARR	ARR	Calhoun		
652	Health Law				3.00	ADVISORY
62071	PD LEC 777	ARR	ARR	Jacobson		
682	Case Study Hlt Serv				3.00	ADVISORY
61526	PI SEM 777	ARR	ARR	Smith, Lantz		
690	Readings				1.00-4.00	ADVISORY
	I IND +	ARR	ARR			
815	Readings				1.00-4.00	ADVISORY
	IR IND +	ARR	ARR			
833	Research Topics				3.00	ADVISORY
	R IND +	ARR	ARR			
835	Research Practicum				3.00-6.00	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			



## 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  
| IND +

ARR

ARR

1.00-6.00

ADVISORY

# Social Work

## School Of Social Work

### Social Work (SW)

515	Fndtn Fld Instructn					1.00-2.00		
	W 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	
61169	P R LEC 001 M		8-12PM	2752 SSWB	Tucker			
612	Mentl Hlt&Disor Chl					3.00	ADVISORY, ENFORCED	
60542	P R LEC 001 T		8-12PM	2752 SSWB	Fischer			
614	Uses Psych Testing					3.00	ENFORCED	
60543	P R LEC 001 T		6-10PM	3816 SSWB	Foley			
617	Death, Loss&Grief					3.00	ENFORCED	
60544	P R LEC 001 T		8-12PM	3752 SSWB	Mattison			
623	Pract with Families					3.00	ADVISORY, ENFORCED	
60547	P R LEC 001 M		1-5PM	2752 SSWB	Hollingsworth			
60548	P R LEC 002 T		8-12PM	3003 SEB	Grinnell-Davis			
624	Inperprac-Groups					3.00	ADVISORY, ENFORCED	
60549	P R LEC 001 M		1-5PM	3752 SSWB	Ortega			
625	Child & Youth					3.00	ADVISORY, ENFORCED	
60550	P R LEC 001 M		1-5PM	2302 SEB	Sherman			

CAT# Class #	Course Title CODE CMP SEC	DAYS	TIME	LOCATION	CR INSTRUCTOR	PREREQ	LAB FEE
62008 <b>628</b>	P R LEC 002 <b>IP - Adult Indiv</b>	M	1-5PM	3816 SSWB	Ribaudo	<b>3.00</b>	<b>ADVISORY, ENFORCED</b>
60551 <b>642</b>	P R LEC 001 <b>S W Educ Settings</b>	M	1-5PM	3001 SEB	Chute	<b>3.00</b>	<b>ADVISORY, ENFORCED</b>
60565 <b>650</b>	P R LEC 001 T <b>Community Developmt</b>		6-10PM	3752 SSWB	Sherman	<b>3.00</b>	<b>ADVISORY, ENFORCED</b>
62006 <b>660</b>	P R LEC 001 M <b>Mng Proj&amp;Org Chng</b>		1-5PM	2816 SSWB	Spencer	<b>3.00</b>	<b>ADVISORY, ENFORCED</b>
62007 <b>663</b>	P R LEC 001 M <b>Grant,Contr&amp;Fundr</b>		1-5PM	1804 SSWB	Tucker	<b>3.00</b>	<b>ADVISORY, ENFORCED</b>
60554 <b>663</b>	P R LEC 001 M <b>Grant,Contr&amp;Fundr</b>		1-5PM	2228 SEB	Miller	<b>3.00</b>	<b>ADVISORY, ENFORCED</b>
664 <b>664</b>	P R LEC 001 M <b>Mgt Hum Resources</b>		1-5PM	2218 SEB		<b>3.00</b>	<b>ADVISORY, ENFORCED</b>
61833 <b>683</b>	P R LEC 001 T <b>Eval In Social Work</b>		1-5PM	3816 SSWB	Tropman	<b>3.00</b>	<b>ADVISORY, ENFORCED</b>
60557 61721	P R LEC 001 T P R LEC 002 M		8-12PM 1-5PM	2816 SSWB 3003 SEB	Savas Gilster		
<b>691</b>	<b>Adv Field Instructn</b> I IND +		ARR	ARR		<b>1.00-12.00</b>	<b>ADVISORY</b>
<b>694</b>	<b>S W with Elderly</b> P R LEC 001 M		8-12PM	1804 SSWB	Perry	<b>3.00</b>	<b>ADVISORY, ENFORCED</b>
<b>696</b>	<b>Practice Child&amp;Yth</b> P R LEC 001 M		8-12PM	3752 SSWB	Sanders	<b>3.00</b>	<b>ADVISORY, ENFORCED</b>
61171 61172 61832	P R LEC 002 M P R LEC 003 T		8-12PM 8-12PM	3816 SSWB 1804 SSWB	Ribaudo Ribaudo		
<b>698</b>	<b>Pract Mental Health</b> P R LEC 001 M		8-12PM	3001 SEB	Weissman	<b>3.00</b>	<b>ADVISORY, ENFORCED</b>
61173 61174 62004	P R LEC 002 M P R LEC 003 T		8-12PM 8-12PM	2302 SEB 3816 SSWB	Rassi Weissman		
<b>699</b>	<b>SW Prac Health Promo</b> P R LEC 001 M		8-12PM	2816 SSWB	Schmall	<b>3.00</b>	<b>ADVISORY, ENFORCED</b>
<b>790</b>	<b>Adv Topics in IP</b> 61857 P R SEM 001 F		830-430PM	2752 SSWB	Foley	<b>1.00</b>	
	Curr Treatmt Trauma Survivors						
61858	P R SEM 002 F		830-430PM	3816 SSWB	Barcy		
	Psychopharm For Social Workers						
61868	P R SEM 003 W		830-430PM	2752 SSWB	Foley		
	Curr Treatmt Trauma Survivors						
62017	P R SEM 004 W		830-430PM	2752 SSWB	Ross		
	Health & Well TBLG Indiv & Fam						
62018	P R SEM 005 W		830-430PM	2752 SSWB	Foley, Allen		
	Crisis Intervtn Medical Set'g						
<b>799</b>	<b>Adv Topics Macro SW</b> 61859 P R SEM 001 TH		830-430PM	3816 SSWB	Reed	<b>1.00-3.00</b>	
	Soc Jus Peer Mentor'g&Facilit						
61860	P R SEM 002 W		830-430PM	3816 SSWB	Gant		
	GIS for Social Workers						
61861	P R SEM 003 TH		830-430PM	3816 SSWB	Tropman		
	Budgeting/Financ Mgmt SW Mgrs						
62016	P R SEM 004 W		830-430PM	3816 SSWB	Gant		
	HIV/AIDS: Evi Bas Prg Pol&Serv						
62019	P R SEM 005 THF		830-430PM	ARR	Axelrod		
	Fundamntls Sustainable Funding						
62020	P R SEM 006 THF		830-430PM	3752 SSWB	Checkoway		
	Neighborhood Development						
<b>801</b>	<b>Researc-Util Intern</b> I IND +		ARR	ARR		<b>1.00-8.00</b>	<b>ADVISORY</b>
<b>802</b>	<b>Researc-Util Intern</b> I IND +		ARR	ARR		<b>1.00-8.00</b>	<b>ADVISORY</b>
<b>803</b>	<b>Researc-Util Intern</b> I IND +		ARR	ARR		<b>1.00-8.00</b>	<b>ADVISORY</b>
<b>900</b>	<b>Prep Candidacy Eval</b> I IND +		ARR	ARR		<b>1.00-8.00</b>	<b>ADVISORY</b>
<b>971</b>	<b>Directed Reading</b> I IND +		ARR	ARR		<b>1.00-4.00</b>	<b>ADVISORY</b>
<b>972</b>	<b>Directed Reading</b> I IND +		ARR	ARR		<b>1.00-4.00</b>	<b>ADVISORY</b>
<b>973</b>	<b>Directed Reading</b> I IND +		ARR	ARR		<b>1.00-4.00</b>	<b>ADVISORY</b>
<b>974</b>	<b>Directed Reading</b> I IND +		ARR	ARR		<b>1.00-4.00</b>	<b>ADVISORY</b>
<b>975</b>	<b>Directed Research</b> I IND +		ARR	ARR		<b>1.00-4.00</b>	<b>ADVISORY</b>
<b>976</b>	<b>Directed Research</b> I IND +		ARR	ARR		<b>1.00-4.00</b>	<b>ADVISORY</b>
<b>977</b>	<b>Directed Research</b> I IND +		ARR	ARR		<b>1.00-4.00</b>	<b>ADVISORY</b>
<b>978</b>	<b>Directed Research</b> I IND +		ARR	ARR		<b>1.00-4.00</b>	<b>ADVISORY</b>

CAT#	Course Title					CR	PREREQ	LAB FEE
Class #	CODE CMP SEC	DAYS	TIME	LOCATION	INSTRUCTOR			
990	I IND + Diss-Precand		ARR	ARR		1.00-8.00	ADVISORY	
995	I IND + Diss-Cand		ARR	ARR		8.00	ENFORCED	
	IR IND +		ARR	ARR				