

Architecture & Urban Planning

College of Architecture & Urban Planning

Architecture (ARCH)

690	Arc Curr Pract Exper					1.00	ADVISORY	
	I IND +	ARR		ARR				
739	MS Capstone					6.00	ADVISORY, ENFORCED	100.00
	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 and Regional Planning (URP)

601	Thesis					3.00-6.00		
	I IND +	ARR		ARR				
602	Prof Project					3.00-6.00		
	I IND +	ARR		ARR				
612	URP Directed Study					1.00-4.00		
	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				

Dental Hygiene

Dental Hygiene-Dentistry

Dental Hygiene (DENTHYG)

475	Mentored Prof Exp							
62188	P LEC 001		ARR	ARR			3.00-4.00	ADVISORY

Dental Hygiene Degree Completion E-Learning (HYGDCE)

484	Special Populations						3.00	ADVISORY
62089	P LEC 001		ARR	ARR			Eagle, Cullen	
485	Community I						3.00	ADVISORY
62088	P LEC 001		ARR	ARR			Cullen	
491	Capstone II/ePortfol						6.00	
62180	P LEC 001		ARR	ARR			Pitts, Cullen	

Dentistry

School Of Dentistry

Dentistry (DENT)

490	Independ Research IND +		ARR	ARR		1.00-3.00	
601	Dent Pharmacology II 62435 P R LEC 001 M		1-3PM	G322 DENT	Canman	1.00-3.00 ENFORCED	
601	Dent Pharmacology II P R LEC 001 TH P R LEC 001 TH		9-11AM 10-12PM	G322 DENT G322 DENT		1.00-3.00 ENFORCED	
603	Treatment Planning 62446 P R LEC 001 TTH		1-2PM	G322 DENT	Richards, Stefanac	1.00 ENFORCED	
603	Treatment Planning P R LEC 001 M		1-2PM	G550 DENT		1.00 ENFORCED	
610	Appl Biomaterials II 62438 P R LEC 001 W		2-3PM	G322 DENT	Kuroda, Kohn, Ma, Liu	1.00 ENFORCED	
620A	Oral Med/Radiology 62455 P R LAB 001		ARR	ARR	Benavides, Fitzgerald	0.00 ENFORCED	
620C	Restorative 62456 P R LAB 001		ARR	ARR	Garcia	0.00 ENFORCED	
625	varies by topic 63324 P R LEC 002		ARR	ARR	de Peralta, Hamerink	0.00-5.00 ENFORCED	
	Supplemental Prof. Learning 63596 P R LEC 004 T		10-12PM	B312A DENT	Inglehart		
	Survey Design 63335 P R LEC 006		ARR	ARR	Hamerink, Hamerink		
	On Campus Mini Rotations 63325 P R LEC 008		ARR	ARR	Hamerink, Hamerink		
	Off Campus Mini Rotations 63326 P R LEC 012		ARR	ARR	Sweier		
	Leadership in Dentistry 63327 P R LEC 014 TH		1-1AM	ARR	Sweier, Mac Eachern, Pinsky, Shannon		
	Constructing Effective Lit Rev 63328 P R LEC 020 T		1-1AM	ARR	Kaigler, de Peralta		
	Clinical and Basic Sci Researc 63803 P R LEC 026		ARR	ARR	Feinberg, Pinsky		
	Dental Checklists						
625A	Pathways - HC Delivery 62439 P R SEM 001		ARR	ARR		0.00-3.00 ENFORCED	
625B	Pathways - Research 62447 P R SEM 001		ARR	ARR	Chiego Jr	0.00-5.00 ENFORCED	
625C	Pathways - Leadership 62440 P SEM 001		ARR	ARR		0.00-3.00	
625I	D2 Pathways Immersion 63453 P R PSI 001		ARR	ARR	de Peralta, Chiego Jr	0.00-2.00 ENFORCED	
629	Clinical Foundations III 62457 P R LEC 001		ARR	ARR	Snyder	0.00-10.00 ENFORCED	
635	Behav Sci Practicum 62433 P R LEC 001 W		8-9AM	G322 DENT	Inglehart, Richards	0.50 ENFORCED	
638	Cardiovascular Syst 62436 P R LEC 001 MW		3-5PM	G005 DENT	Brzezinski, Tindle	3.00-3.50 ENFORCED	
638	Cardiovascular Syst P R LEC 001 F P R LEC 001 F P R LEC 001 F		10-12PM 10-12PM 10-12PM	G005 DENT G005 DENT G390 DENT		3.00-3.50 ENFORCED	
639	Respiratory System 62437 P R LEC 001 W		3-5PM	G005 DENT	Danciu	2.00-2.50 ENFORCED	
639	Respiratory System P R LEC 001 TH P R LEC 001 M P R LEC 001 M		10-12PM 3-5PM 1-3PM	G005 DENT G005 DENT G322 DENT		2.00-2.50 ENFORCED	
647	ITDP: Oral Path/Med 61572 P SEM 001		ARR	ARR	Edwards	1.00-5.00	
648	ITDP: Oral Surgery 61573 P SEM 001		ARR	ARR	Hita	1.00-5.00	
703	Special Care Dentistry-HD 62920 P R LEC 001 TH		1-2PM	G378 DENT	Munz	1.00-2.00 ENFORCED	
706	Oral Health Education 63128 P R SMA 001		ARR	ARR		0.50 ENFORCED	
720	Comprehensive Care Clinic 62101 P R LAB 001 MTWTHF		9-12PM	ARR	Heys	0.00-10.00 ENFORCED	75.00
720	Comprehensive Care Clinic P R LAB 001 MTWTHF		1-5PM	ARR		0.00-10.00 ENFORCED	75.00
720	Comprehensive Care Clinic 62172 P R LAB 002		ARR	ARR	Heys	0.00-10.00 ENFORCED	75.00

CAT# Class #	Course Title CODE CMP SEC	DAYS	TIME	LOCATION	CR INSTRUCTOR	PREREQ	LAB FEE
720A	Periodontics					0.00-10.00	
62102	P R LAB 001		ARR	ARR	Wang	ENFORCED	
62173	P R LAB 002		ARR	ARR	Heys		
720B	Operative					0.00-10.00	ENFORCED
62103	P R LAB 001		ARR	ARR	Heys		
62174	P R LAB 002		ARR	ARR	Heys		
720C	Prosthodontics					0.00-10.00	ENFORCED
62175	P R LAB 002		ARR	ARR	Heys		
725	varies by topic					0.00-5.00	ENFORCED
63588	P R LEC 002		ARR	ARR	Hamerink, Hamerink		
Complete Denture Lab							
63595	P R LEC 004		ARR	ARR	Hamerink, Hamerink		
Dental Ceramics Lab							
63602	P R LEC 006		ARR	ARR	Hamerink, Hamerink		
Implant Planning and Fab Lab							
63605	P R LEC 012		ARR	ARR	Hamerink		
D3 Special Projects in CBCE							
63606	P R LEC 014		ARR	ARR	Chiego Jr		
Dental Pulp and Pulp Responses							
63607	P R LEC 016		ARR	ARR	Marti, Aronovich, LaBanc, Skouteris		
Intermaxillary Fixation Appl							
63608	P R LEC 018 M		8-10AM	1033 DENT	Gerstner		
	P R LEC 018 M		8-10AM	B312B DENT			
	P R LEC 018 M		8-10AM	B312B DENT			
TMD, Sleep Bruxism and Occ							
725A	Pathways-HCD					2.00	ENFORCED
62532	P R SEM 001		ARR	ARR	de Peralta, Hamerink		
725B	Pathways-Research					2.00	ENFORCED
62533	P R SEM 001		ARR	ARR	Chiego Jr		
725C	Pathways-Leadership					2.00	ENFORCED
62534	P R SEM 001		ARR	ARR	Sweier, Pinsky		
725I	Immersion Pathway					0.00-2.00	ENFORCED
63589	P R LEC 001		ARR	ARR			
729	Clinical Foundations III: ITDP					1.00-2.50	ENFORCED
62922	P R LAB 001 TW		9-12PM	G340 DENT	Kane, Saglik		425.00
729	Clinical Foundations III: ITDP					1.00-2.50	ENFORCED
	P R LAB 001 T		9-1030AM	G550 DENT			425.00
	P R LAB 001 T		9-1030AM	G550 DENT			
	P R LAB 001 W		9-1030AM	G580 DENT			
	P R LAB 001 W		9-1030AM	G580 DENT			
	P R LAB 001 W		9-1030AM	G390 DENT			
730	Head & Neck Anat					1.00	ENFORCED
62985	P R LEC 001 TH		8-9AM	G005 DENT	Brzezinski		
737	Preclinical Endodont					1.50-3.50	ENFORCED
62434	P R LAB 001 W		2-5PM	G360 DENT	Bauer, McDonald, Sasaki, Botero		400.00
737	Preclinical Endodont					1.50-3.50	ENFORCED
	P R LAB 001 W		2-5PM	G340 DENT			400.00
	P R LAB 001 F		9-12PM	G360 DENT			
	P R LAB 001 F		9-12PM	G340 DENT			
737A	Preclinical Endodontics lecture					1.00-3.00	ENFORCED
63004	P R LEC 001 W		1-2PM	G390 DENT	Bauer, McDonald		
737A	Preclinical Endodontics lecture					1.00-3.00	ENFORCED
	P R LEC 001 F		8-9AM	G390 DENT			
740	Clinical Rotation - Oral Surgery					3.00	ENFORCED
61481	P R LAB 001		ARR	ARR			
743B	Clinical Rotation: Pediatric					2.00	
62167	P LAB 001		ARR	ARR			
747	Pediatric Dentistry					1.00-5.00	
61186	P LEC 001 TW		8-9AM	G378 DENT	Salzmann		
749	Adv Concepts in Clinical Perio					1.00	ENFORCED
62984	P R CLL 001 MT		8-10AM	G550 DENT			
749	Adv Concepts in Clinical Perio					1.00	ENFORCED
	P R CLL 001 MT		1-3PM	G550 DENT			
	P R CLL 001 M		8-5PM	G340 DENT			
	P R CLL 001 T		12-5PM	G340 DENT			
751	Oral Surgery elective I					1.00-2.00	ENFORCED
63261	P R CLN 001		ARR	ARR	Sung, Ward, Bonine		
800	Advanced Periodon					1.00	ENFORCED
62857	P R CAS 001		ARR	ARR	McCauley		
825A	Pathways-HCD					0.00-2.00	ENFORCED
62927	P R SEM 001		ARR	ARR	de Peralta		
825B	Pathways-Research					0.00-2.00	ENFORCED
62928	P R SEM 001		ARR	ARR	Chiego Jr		
825C	Pathways-Leadership					0.00-2.00	ENFORCED
62929	P R SEM 001		ARR	ARR	Sweier		
840	Oral Surgery					1.00	
61477	P LAB 001		ARR	ARR	LaBanc		

CAT# Class #	Course Title CODE CMP SEC	DAYS	TIME	LOCATION	CR INSTRUCTOR	PREREQ	LAB FEE
841 63465	Hospital Dentistry D4 Elective P R CLN 001		ARR	ARR	2.00 Munz, Chang	ENFORCED	
851	Oral Surgery Elective II				1.00-2.00	ENFORCED	
63260	P R CLN 001		ARR	ARR	LaBanc		
855	Professionalism & Practice				0.00	ENFORCED	
62859	P R SEM 001 M		8-9AM	G378 DENT	Fitzgerald		
857	CBCCE				4.00	ENFORCED	
62528	P R FLD 001		ARR	ARR	Hamerink, Hoelscher, Fitzgerald		
998	Curr Practical Prjct				1.00		
61628	P SEM 001		ARR	ARR	Woolfolk		
Dental Education (DENTED)							
632	Leadership&Admin				3.00	ENFORCED	
62982	P R LEC 001		ARR	ARR	Kiser		
Dental Hygiene (DHYGRACK)							
680	Hlth Promo Dis Prev				1.00-3.00	ENFORCED	
62926	PDR LEC 001		ARR	ARR	Kerschbaum		
682	Sem Dentl Hyg				2.00		
60041	P SEM 001		ARR	ARR			
689	Educ Cpts & Strat				1.00-3.00		
62916	PD LEC 001		ARR	ARR	Korte, Halaris		
Endodontics (ENDODONT)							
652	Clin Endodontics				1.00-4.00		
60042	P LAB 001		ARR	ARR	McDonald		
653	Sem-Endodontics				1.00-2.00		
63189	P SEM 101 TH		1-4PM	B312B DENT	McDonald		
654	Biol Basis for Endo				1.00-2.00		
63130	P SEM 001 TH		1-4PM	G580 DENT	McDonald		
655	Endo Research				1.00-3.00		
	IND +		ARR	ARR			
659	Current Lit Review				1.00-4.00		
60043	P SEM 001 M		8-10AM	G311 DENT	McDonald		
659	Current Lit Review				1.00-4.00		
	P SEM 001 M		8-9AM	G311 DENT			
660	Case Pres & Treat				1.00-4.00		
60044	P SEM 001 F		1-3PM	G580 DENT	McDonald		
Oral Biology (ORALBIOL)							
678	Stat Meth Oral Biol				1.00-3.00	ADVISORY	
60045	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		
60049	P LAB 001		ARR	ARR			
665	Rad-Hyg-Radiography				1.00		
60050	P SEM 001		ARR	ARR			
Oral Health Sciences (ORALHEAL)							
812	Sci Lab Rotations				3.00		
	IND +		ARR	ARR			
851	Special Topics Sem				1.00-3.00	ADVISORY	
	I IND +		ARR	ARR			
990	Dissertatn-Precand				1.00-8.00	ADVISORY	
	I IND +		ARR	ARR			
995	Dissertation-Cand				8.00	ENFORCED	
	IR IND +		ARR	ARR			
Oral Pathology (ORALPATH)							
632	Microscopic OralPath				1.00-4.00		
62786	P LAB 001		ARR	ARR	Danciu		
633	Microscopic OralPath				1.00-4.00		
62942	P SEM 001		ARR	ARR	Danciu		
696	Thesis Investigatn				1.00-3.00		
	I IND +		ARR	ARR			
733	Microscopic OralPath				1.00-4.00		
63068	P SEM 001		ARR	ARR	Danciu		
Orthodontics (ORTHO)							
760	Clinical Orthodon				1.00-5.00		
60055	P LAB 001		ARR	ARR	Kim-Berman		

CAT# Class #	Course Title CODE CMP SEC	DAYS	TIME	LOCATION	CR INSTRUCTOR	PREREQ	LAB FEE
761 61394	Ortho Techniques P SEM 001 M		8-12PM	1528 DENT		1.00-3.00 McClatchey	
762	Sem in Orthodontics					1.00-2.00	
63212	P SEM 001		ARR	ARR		Behnan	
765	Review Curr Lit					1.00	
63215	P SEM 001		ARR	ARR		Johnston Jr	
766	Research-Thesis					1.00-4.00	
	D IND +		ARR	ARR			
769	Ortho Biomechanics					1.00	
63214	P SEM 001 T		9-12PM	B312B DENT		Ruellas	
771	Adolescent Psych					1.00	
62197	P SEM 001 T		8-10AM	1528 DENT		Inglehart	
772	Intro Cephalometric					1.00	
62198	P SEM 001		ARR	ARR			
779	Ortho Pract Mgmt					1.00-2.00	
63188	P SEM 001 M		10-12PM	G311 DENT		Roberts	
779	Ortho Pract Mgmt					1.00-2.00	
	P SEM 001 M		10-12PM	G311 DENT			
781	Treatment in Prog					1.00	
63213	PD LEC 001 TH		8-9AM	ARR		Kim-Berman	
783	3D Imaging					1.00	
62787	P LEC 003		ARR	ARR			
Pediatric Dentistry (PEDDENT)							
591	Clinical Ped Dent					1.00-5.00	
60056	P LAB 001		ARR	ARR		Boynton	
594	Investigatn-Thesis					1.00-3.00	
	IND +		ARR	ARR			
Periodontics (PERIODON)							
780	Periodontic Clinic					1.00-6.00	
60058	P LAB 001		ARR	ARR		Wang	
781	Sem in Periodontics					1.00-3.00	
63621	P SEM 201		ARR	ARR		Wang	
782	Sem in Periodontics					1.00	
63205	P SEM 001		ARR	ARR		Wang, Eber	
787	Intro Cons I.V. Sed					1.00	
63312	P LEC 001		ARR	ARR			
788	Patient Mgt Perio					1.00	
63206	P LEC 001 M		8-9AM	G580 DENT		Wang	
789	Patient&Prac Mgt					1.00	
63207	P SEM 001 W		6-8PM	G580 DENT		Wang	
790	Thesis Investigatn					1.00-3.00	
	D IND +		ARR	ARR			
793	Current Lit-Perio					1.00	
63208	P SEM 001 W		10-11AM	B312B DENT		Wang	
794	Implants					1.00	
63209	P SEM 001 W		11-12PM	B312B DENT		Wang	
795	Multisp Implnt Ther					1.00	
63210	P SEM 001 W		1-2PM	G311 DENT		Chan, Wang	
795	Multisp Implnt Ther					1.00	
	P SEM 001 W		1-2PM	G311 DENT			
	P SEM 001 W		1-2PM	G550 DENT			
Prosthodontics (PROSTHOD)							
643	Clin Prosthodontics					1.00-6.00	
60882	P LAB 001		ARR	ARR		Razzoog	
645	Thesis Investigatn					1.00-3.00	
	I IND +		ARR	ARR			
739	Clin Crown&Bridge					1.00-2.00	
63211	P SEM 001 TH		8-10AM	B312B DENT		Beard	
741	Articulator					1.00	
62799	P SEM 003		ARR	ARR		Razzoog	
876	Adv Clin Crown&Brid					1.00-2.00	ADVISORY
63308	P LAB 001		ARR	ARR		Beard	
882	Ceramo-Metal Proc					1.00-2.00	
60059	P SEM 001 TH		8-12PM	B312A DENT		Beard	
Restorative (RESTORA)							
565	Implant Seminars					1.00	
63292	P LEC 001		ARR	ARR		Neiva, Fasbinder	
590	Adv Clin Cariology					1.00	
63310	P LEC 001		ARR	ARR		Neiva, Gonzalez	
595	Hi Strng Digit Rest					1.00	
63527	P LEC 001		ARR	ARR		Neiva, Fasbinder	
741	Data Management					1.00-2.00	ADVISORY
62203	P LAB 001		ARR	ARR		Dennison	
742	Clin Restor Dent					1.00-8.00	
60060	P LAB 001		ARR	ARR		Neiva	

CAT#	Course Title					CR	PREREQ	LAB FEE
Class #	CODE CMP SEC	DAYS	TIME	LOCATION	INSTRUCTOR			
743	Thesis Investigatn I IND +		ARR	ARR		1.00-4.00		
848	Adv Rest Topics					1.00		
63839	P SEM 001 TH		1-2PM	ARR	Neiva			
880	Investigatn Thesis I IND +		ARR	ARR		1.00-3.00		

Education

School Of Education

Education (EDUC)

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

310	Independent Study			1.00-6.00	
	I IND +	ARR	ARR		
Students should obtain permission from the instructor via email and then forward to Tina Sanford at tsanf@umich.edu.					
317	Observ-Particip Ed			1.00-8.00	ADVISORY
	I IND +	ARR	ARR		
Students should obtain permission from the instructor via email and then forward to Tina Sanford at tsanf@umich.edu.					
320	Honors Ind Study			1.00-6.00	ADVISORY
	I IND +	ARR	ARR		
Students should obtain permission from the instructor via email and then forward to Tina Sanford at tsanf@umich.edu.					
605	Intern Learn Tech			3.00	
	SI IND +	ARR	ARR		
Required for Learning Tech students. Students should obtain permission from instructor and then complete online form located at http://sitemaker.soe.umich.edu/soe.ispe/request .					
638	Intrn&Dir Field Exp			1.00-3.00	ADVISORY
	I IND +	ARR	ARR		
Students should obtain permission from instructor and then complete online form located at http://sitemaker.soe.umich.edu/soe.ispe/request .					
640	Ind Study Ed Std			1.00-3.00	ADVISORY
	I IND +	ARR	ARR		
Students should obtain permission from instructor and then complete online form located at http://sitemaker.soe.umich.edu/soe.ispe/request .					
650	Refl Teach Fld Exp			1.00-13.00	ADVISORY
	I IND +	ARR	ARR		
655	Dir Resear Ed Study			1.00-6.00	ADVISORY
	I IND +	ARR	ARR		
Students should obtain permission from instructor and then complete online form located at http://sitemaker.soe.umich.edu/soe.ispe/request .					
657	Practicum Ed Study			1.00-6.00	ADVISORY
	I IND +	ARR	ARR		
Students should obtain permission from instructor and then complete online form located at http://sitemaker.soe.umich.edu/soe.ispe/request .					
728	Prac Learn Tech			1.00-4.00	ADVISORY
	SI IND +	ARR	ARR		
Students should obtain permission from instructor and then complete online form located at http://sitemaker.soe.umich.edu/soe.ispe/request .					
767	Res Pract in HE			1.00-3.00	ADVISORY
	SI IND +	ARR	ARR		
Students should obtain permission from instructor and then complete online form located at http://sitemaker.soe.umich.edu/soe.ispe/request .					
770	Ind St High&Cont Ed			1.00-3.00	ADVISORY
	SI IND +	ARR	ARR		
Students should obtain permission from instructor and then complete online form located at http://sitemaker.soe.umich.edu/soe.ispe/request .					
835	Independent Study			1.00-3.00	
	I IND +	ARR	ARR		
Students should obtain permission from instructor and then complete online form located at http://sitemaker.soe.umich.edu/soe.ispe/request .					
899	PhD Qualifying Paper			1.00	
61319	P REC 002	ARR	ARR		DesJardins
Students enrolling in this section should have enrolled for 2 credit hours of 899-002 in Winter. Students should enroll for 1 credit hour in Spring/Summer.					
990	Diss-Precand			1.00-8.00	ADVISORY
	SI IND +	ARR	ARR		
Students should obtain permission from instructor and then complete online form located at http://sitemaker.soe.umich.edu/soe.ispe/request .					
995	Diss-Cand			8.00	ENFORCED
	SIR IND +	ARR	ARR		
Students should obtain permission from instructor and then complete online form located at http://sitemaker.soe.umich.edu/soe.ispe/request .					

Engineering

Aerospace Engineering

Aerospace Engineering (AEROSP)

390	Directed Study I IND +		ARR	ARR			1.00-3.00	
490	Directed Study I IND +		ARR	ARR			1.00-3.00	ADVISORY
590	Directed Study 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

Atm, Oceanic And Space Science

Climate and Meteorology (CLIMATE)

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

Space Science and Engineering (SPACE)

590	Space Systems Proj							1.00-4.00
63220	P LEC 001		ARR	ARR				Renno
								ADVISORY

Biomedical Engineering

Biomedical Engineering (BIOMEDE)

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

Chemical Engineering Department

Chemical Engineering (CHE)

290	Res&Spec Problems IND +		ARR	ARR		1.00-16.00	ADVISORY	
490	Adv Res&Spec Problem R IND +		ARR	ARR		1.00-16.00	ADVISORY, ENFORCED	
695	Research Problems IND +		ARR	ARR		1.00-16.00	ADVISORY	
696	Selected Topics					3.00		
63397	PD LEC 881		ARR	ARR		Linic		
Energy Generation & Storage								
698	Directed Study I IND +		ARR	ARR		1.00-16.00		
990	Diss-Precand IND +		ARR	ARR		1.00-8.00	ADVISORY	
995	Diss-Cand R IND +		ARR	ARR		8.00	ENFORCED	

Civil & Environmental Engr

Civil And Environmental Engineering (CEE)

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

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

CoE Robotics Institute

Robotics (ROB)

590	Directed Study IND +		ARR	ARR				1.00-6.00	
990	Diss-Precand IND +		ARR	ARR				1.00-8.00	
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				

Design Science Program

Design Science (DESCI)

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

Electrical Engr & Computer Sci

Electrical Engineering And Computer Science (EECS)

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

Engineering Undergraduate Educ

Engineering (ENGR)

280	Undergrad Research					
60880	P DIS 001	ARR	ARR			
355	Multidis Eng Pro 2					
62245	P LAB 003	ARR	ARR			
62246	P LAB 004	ARR	ARR			
62247	P LAB 005	ARR	ARR			
62248	P LAB 006	ARR	ARR			
62249	P LAB 007	ARR	ARR			
62250	P LAB 008	ARR	ARR			
62251	P LAB 009	ARR	ARR			
62252	P LAB 010	ARR	ARR			
62253	P LAB 011	ARR	ARR			
62254	P LAB 012	ARR	ARR			
62255	P LAB 014	ARR	ARR			
62256	P LAB 033	ARR	ARR			
62505	P LAB 114	ARR	ARR			
400	Co-Op Educ Engr					
60097	PD DIS 001	ARR	ARR			
455	Multidis Eng Pro 3					
62257	P LAB 002	ARR	ARR			
62258	P LAB 003	ARR	ARR			
62259	P LAB 004	ARR	ARR			
62260	P LAB 005	ARR	ARR			
62261	P LAB 006	ARR	ARR			
62262	P LAB 007	ARR	ARR			
62263	P LAB 008	ARR	ARR			
62264	P LAB 009	ARR	ARR			
62265	P LAB 010	ARR	ARR			
62266	P LAB 011	ARR	ARR			
62267	P LAB 012	ARR	ARR			
62268	P LAB 014	ARR	ARR			
62269	P LAB 015	ARR	ARR			
591	Engr Grad Study Abrd					
61226	PD LEC 013	ARR	ARR			
Nagoya University, Japan						
63008	P LEC 020	ARR	ARR			
600	Eng Practicum Proj					
	IND +	ARR	ARR			

1.00-4.00 ADVISORY

Gregerman

1.00-4.00

Skerlos
 Gilchrist
 Renno
 Washabaugh
 Hansen
 Cutler
 Ridley
 McCormick
 Wooldridge
 Eustice
 Lin
 Wentzloff
 Bell IV

0.00 ADVISORY

65.00

Millunchick

2.00-5.00

Sienko
 Skerlos
 Gilchrist
 Renno
 Washabaugh
 Hansen
 Cutler
 Ridley
 Kabamba
 Gillespie
 Wooldridge
 Eustice
 Schmedlen

1.00-16.00 ADVISORY

1.00-8.00 ADVISORY

Industrial-Operations Engr Dep

Industrial And Operations Engineering (IOE)

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

Integrative Systems and Design

Automotive Engineering Program (AUTO)

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	
63686	PD LEC 881		ARR	ARR		Linic		

Integrative Systems and Design (ISD)

503	ISD Practicum					3.00-9.00	ENFORCED	
	DR IND +		ARR	ARR				

520	Intr to Systems Engr					3.00	ADVISORY, ENFORCED	
63389	PDR LEC 001		ARR	ARR				
63127	PDR LEC 881		ARR	ARR		Bordley, Priambada Putra		

590	Directed Study&Res					1.00-3.00		
	IND +		ARR	ARR				

599	Spc Topics in ISD					1.00-4.00		
63275	P LEC 002		ARR	ARR		Chesney		

63276	PD LEC 882		ARR	ARR		Chesney		
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Software Systems Engineering

Robotics and Autonomous Vehicle Engineering (RAV)

503	RAV Capstone Project					3.00		
	IND +		ARR	ARR				

Program In Manufacturing

Manufacturing (MFG)

503	Mfg Project D IND +		ARR	ARR		3.00	ADVISORY	
571	Ship Des Proj IND +		ARR	ARR		1.00-16.00	ADVISORY	
590	Directed Std&Res IND +		ARR	ARR		1.00-3.00	ADVISORY	
990	Dissertat Pre-Cand I IND +		ARR	ARR		2.00-8.00	ADVISORY	
995	Dissertation-Cand IR IND +		ARR	ARR		8.00	ENFORCED	

Materials Science & Engineering

Materials Science Engineering (MATSCIE)

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

Mech Eng & Applied Mech Dept

Applied Mechanics & Engineering Science (AMES)

995	Diss-Cand							
	IR IND +		ARR	ARR				8.00 ENFORCED

Mechanical Engineering (MECHENG)

290	RISE 2							1.00-3.00
	I IND +		ARR	ARR				
390	RISE 3							2.00-3.00
	I IND +		ARR	ARR				
490	RISE 4							3.00
	I IND +		ARR	ARR				
491	Independent Study							1.00-3.00 ADVISORY
	I IND +		ARR	ARR				
571	Energy Gen & Storage							3.00 ADVISORY
63685	PD LEC 881		ARR	ARR			Linic	
590	Res Sel M E Topics							3.00-6.00 ADVISORY
	I IND +		ARR	ARR				
695	Master Thesis Res							3.00-6.00 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				

Naval Arch & Marine Engr Dept

Naval Architecture And Marine Engineering (NAVARCH)

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

Nuclear Engr & Radiological Sci

Nuclear Engineering And Radiological Sciences (NERS)

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

Environment and Sustainability

School for Environment and Sustainability

Environment and Sustainability (EAS)

700	Masters Thes Pract							1.00-6.00	ADVISORY
	I IND +		ARR		ARR				
995	Diss-Cand							8.00	ENFORCED
	R 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).

390	Internship	IND +	ARR	ARR	3.00		
491	Independent Study	IND +	ARR	ARR	1.00-8.00		
690	Intern/Field Exper	I IND +	ARR	ARR	1.00-6.50	ADVISORY	
791	Independent Study	I IND +	ARR	ARR	1.00-3.00	ADVISORY	
902	Directed Research	I IND +	ARR	ARR	1.00-3.00	ADVISORY	
990	Diss-Precand	I IND +	ARR	ARR	1.00-8.00	ADVISORY	
995	Diss-Cand	IR IND +	ARR	ARR	8.00	ADVISORY, ENFORCED	

Kinesiology School Of Kinesiology

Athletic Training (AT)

403	Internship in AT					0.50-4.00	ADVISORY	
61391	PI LAB 001		ARR	ARR				
488	Ind Study AT					1.00-2.00	ADVISORY	
	I IND +		ARR	ARR				

Health and Fitness (HF)

403	Internship in HF					0.50-4.00	ADVISORY	
63548	PI LAB 101		ARR	ARR				
63549	PI LAB 102		ARR	ARR	Kern			

Kinesiology (KINESLGY)

429	Lab Mtr Cnt Dev					1.00-3.00	ADVISORY	
62277	PI LAB 001		ARR	ARR				
62278	PI LAB 002		ARR	ARR	Ulrich			
62487	PI LAB 003		ARR	ARR	Ulrich			
63157	PI LAB 004		ARR	ARR	Meehan			
439	Lab Biomechanic					1.00-3.00	ADVISORY	
61651	PD LAB 001		ARR	ARR				
61652	PI LAB 002		ARR	ARR	Gross			
63881	PI LAB 003		ARR	ARR	Gates			
449	Lab Exer Phys					1.00-3.00	ADVISORY	
61359	PI LAB 001		ARR	ARR	Borer			
62214	PI LAB 002		ARR	ARR	Mendias			
62940	PI LAB 003		ARR	ARR	Hasson			
619	Thesis Research					1.00-6.00	ADVISORY	
	I IND +		ARR	ARR				
682	Ind Read in Kin					1.00-3.00	ADVISORY	
	I IND +		ARR	ARR				
684	Ind Res in Kin					1.00-6.00	ADVISORY	
	I IND +		ARR	ARR				
685	Res Rotation in Kin					3.00-6.00	ADVISORY	
62484	PI LAB 001		ARR	ARR	Fort			
62933	PI LAB 002		ARR	ARR	Armstrong			
990	Diss-Precand					1.00-8.00	ADVISORY	
	I IND +		ARR	ARR				
995	Diss-Cand					8.00	ENFORCED	
	IR IND +		ARR	ARR				

Movement Science (MOVESCI)

384	Honors Research					1.00-3.00	ADVISORY	
	I IND +		ARR	ARR				
390	Field Exp MVS					1.00-8.00	ADVISORY	
	I IND +		ARR	ARR				
403	Internship					0.50-3.00	ADVISORY	
61367	PI LAB 001		ARR	ARR	Bodary			
62498	PI LAB 002		ARR	ARR	Bodary			
62499	PI LAB 003		ARR	ARR	Bodary			
62500	PI LAB 004		ARR	ARR	Bodary			
429	Lab Mtr Cnt Dev					1.00-3.00	ADVISORY	
62273	PI LAB 001		ARR	ARR				
62274	PI LAB 002		ARR	ARR	Ulrich			
62485	PI LAB 003		ARR	ARR	Ulrich			
63155	PI LAB 004		ARR	ARR	Meehan			
439	Lab Biomechanic					1.00-3.00	ADVISORY	
61647	PD LAB 001		ARR	ARR				
61648	PI LAB 002		ARR	ARR	Gross			
63880	PI LAB 003		ARR	ARR	Gates			
449	Lab Exer Phys					1.00-3.00	ADVISORY	
61354	PI LAB 001		ARR	ARR	Borer			
62213	PI LAB 002		ARR	ARR	Mendias			
62936	PI LAB 003		ARR	ARR	Hasson			
464	Clin Rot IONM I					3.00	ENFORCED	
	R IND +		ARR	ARR				
488	Independent Study					1.00-3.00	ADVISORY	
	I IND +		ARR	ARR				

Physical Education (PHYSED)

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

Sport Management (SM)

280	Research Opport					1.00-4.00	ADVISORY	
	I IND +		ARR	ARR				

CAT# Class #	Course Title CODE CMP SEC	DAYS	TIME	LOCATION	CR INSTRUCTOR	PREREQ	LAB FEE
290	Field Exp SM IND +		ARR	ARR	1.00-4.00	ADVISORY	
390	Field Experience I IND +		ARR	ARR	0.50-4.00	ADVISORY	
402	Teach Expernce SM I IND +		ARR	ARR	1.00-2.00	ADVISORY	
403	Internship in SM				0.50-3.00	ADVISORY	
61174	PI LAB 001		ARR	ARR	Donahue, Phelan		
62468	PI LAB 002		ARR	ARR	Donahue, Phelan		
62469	PI LAB 003		ARR	ARR	Donahue, Phelan		
62470	PI LAB 004		ARR	ARR	Donahue, Phelan		
63162	PI LAB 005		ARR	ARR	Donahue, Phelan		
470	Independent Study I IND +		ARR	ARR	1.00-3.00	ADVISORY	
519	Spt Mgmt in Depth I IND +		ARR	ARR	2.00	ADVISORY	

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

Law

Law School

Law (LAW)

900	Research	IR IND +		ARR	ARR		1.00	ENFORCED
22, 29, 45								
942	Law Practicum Research	DR IND +		ARR	ARR		1.00-3.00	ENFORCED
30, 31, 45								
980	Advanced Clinical Law	DR IND +		ARR	ARR		1.00	ADVISORY, ENFORCED
2, 22, 32, 36, 45, 91								
992	Research: Special Projects	IR IND +		ARR	ARR		1.00	ENFORCED
22, 29, 45								

Literature, Science & the Arts

Department of Afro-American and African Studies

Afroamerican & African Studies (AAS)

117	Inten Elem Swahili							8.00
63491	P REC 001	MTWTH	3-5PM	5521 HH				Mwipopo
410	Supervised Research							1.00-6.00
	I IND +		ARR	ARR				

Department of American Culture

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

Anthropology, Biological (ANTHRBIO)

371	Techn in Bio Anthro							1.00-3.00
62511	PI LAB 001		ARR		ARR			Wolpoff
471	Research in Bio Anth							1.00-3.00
	I IND +		ARR		ARR			
962	Anthropological Res							1.00-3.00 ADVISORY
	I IND +		ARR		ARR			
963	Survey Lit-Topics							1.00-3.00 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			

Anthropology, Cultural (ANTHRCUL)

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

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

Applied Physics Program

Applied Physics (APPPHYS)

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

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

Asian Languages And Cultures

Asian Studies (ASIAN)

995	Diss-Cand DR IND +			ARR	ARR		8.00	ENFORCED	
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Chinese (CHIN)

701	Masters Essay I IND +			ARR	ARR		1.00-3.00	ADVISORY	
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Japanese (JAPANESE)

601	Masters Essay I IND +			ARR	ARR		1.00-3.00	ADVISORY	
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Astronomy Department

Astronomy (ASTRO)

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

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

Biology Department

Biology (BIOLOGY)

200	Undergrad Tutorial I IND +		ARR	ARR			2.00	ADVISORY	
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Biophysics Research Division

Biophysics (BIOPHYS)

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

Chemistry Department

Chemistry (CHEM)

218	Ind Study Biochem					1.00	ADVISORY	
	IND +		ARR	ARR				
219	Ind Study Chem					1.00	ADVISORY	
	IND +		ARR	ARR				
398	Ugrad Res Biochem					1.00-4.00	ADVISORY	
	IND +		ARR	ARR				
399	Ugrad Res Chem					1.00-4.00	ADVISORY	
	IND +		ARR	ARR				
498	Ugrad Thesis Biochem					1.00	ADVISORY	
	IND +		ARR	ARR				
499	Ugrad Thesis Chem					1.00	ADVISORY	
	IND +		ARR	ARR				
801	Analytical Seminar					2.00	ADVISORY	
61138	PI SEM 100 W		4-5PM	ARR				
895	Research in Chem					1.00-8.00	ADVISORY	
	IND +		ARR	ARR				
990	Diss-Precand					1.00-8.00	ADVISORY	
	IND +		ARR	ARR				
995	Diss-Cand					8.00	ENFORCED	
	DR IND +		ARR	ARR				

Classical Studies Department

Classical Archaeology (CLARCH)

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

Classical Linguistics (CLLING)

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

Greek (GREEK)

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

Latin (LATIN)

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

Communication Studies

Communication Studies (COMM)

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

Comparative Literature Program

Comparative Literature (COMPLIT)

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

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

Program Study of Complex Systems

Complex Systems (CMPLXSYS)

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

English Language & Literature Dept

English Language And Literature (ENGLISH)

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

Earth and Environmental Sciences

Earth and Environmental Sciences (EARTH)

299	Ind Study EARTH							1.00-6.00
	SI IND +		ARR	ARR				
498	Research&Spec Work							1.00-6.00
	SI IND +		ARR	ARR				
499	Research&Spec Work							1.00-6.00
	SI IND +		ARR	ARR				
599	Independent Study							1.00-9.00
	SI IND +		ARR	ARR				
709	Thesis Res Am-Ms							1.00-6.00
	SI IND +		ARR	ARR			ADVISORY	
990	Diss-Precand							1.00-8.00
	SI IND +		ARR	ARR			ADVISORY	
995	Diss-Cand							8.00
	SIR IND +		ARR	ARR			ENFORCED	

Ecology & Evolutionary Biology

Ecology and Evolutionary Biology (EEB)

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

Economics Department

Economics (ECON)

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

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

Program in the Environment

Environment (ENVIRON)

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

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

Exhibit Museum

Museum Methods (MUSMETH)

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

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					2.00-4.00	ADVISORY	
	I IND +		ARR	ARR				

German (GERMAN)

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

History Department

History (HISTORY)

395	Reading Course						1.00-4.00	ADVISORY
	IR IND +		ARR	ARR				
700	Independent Res Sem						1.00-3.00	ADVISORY
	IR IND +		ARR	ARR				
802	Reading Course						1.00-3.00	ADVISORY
	IR IND +		ARR	ARR				
900	Prep for Prelims						1.00-6.00	
	IR IND +		ARR	ARR				
990	Diss-Precand						1.00-8.00	ADVISORY
	IR IND +		ARR	ARR				
995	Diss-Cand						8.00	ENFORCED
	IR IND +		ARR	ARR				

History Of Art Department

History of Art (HISTART)

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

Museums (MUSEUMS)

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

Honors Program

College Honors (HONORS)

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

Judaic Studies Program

Judaic Studies (JUDAIC)

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

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

LS&A First Year Seminars

Applied Liberal Arts (ALA)

225	Undergrad Internship					1.00		
63200	PD LEC 001		ARR	ARR		Barron		
63667	PD SEM 099		ARR	ARR				

University Courses (UC)

280	Undergrad Research					1.00-4.00	ADVISORY	
60292	PI REC 001		ARR	ARR		Sandler		

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

LSA II: Chinese Studies

Chinese Studies (CCS)

591	Ind St Chinese St SI IND +		ARR	ARR			1.00-3.00	ADVISORY
799	MA Fin Proj Chin Std I IND +		ARR	ARR			1.00-3.00	ADVISORY

LSA II: Japanese Studies

Japanese Studies (CJS)

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

LSA II: Middle Eastern & North African Studies

Middle Eastern And North African Studies (MENAS)

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

LSA II: Russian, East European & Eurasian Studies

Russian, East European and Eurasian Studies (REEES)

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

Department of Linguistics

Linguistics (LING)

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

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

Lloyd Hall Scholars Program

Lloyd Hall Scholars Program (LHSP)

299	Independent Study							
61333	PI REC 001		ARR	ARR			1.00-4.00	150.00

Macromolecular Sci & Engr Ctr

Macromolecular Science (MACROMOL)

790	Fac Actv Res Surv							
60536	P SEM 001		ARR	ARR			1.00-3.00	ADVISORY
						Laine		
800	Macromolecular Sem						2.00	ADVISORY
60537	P SEM 001		ARR	ARR		Laine		
890	Intro Res Technique						1.00-8.00	ADVISORY
	I IND +		ARR	ARR				
990	Diss-Precand						1.00-8.00	ADVISORY
	I IND +		ARR	ARR				
995	Diss-Cand						8.00	ENFORCED
	SIR IND +		ARR	ARR				

Mathematics Department

Mathematics (MATH)

399	Independent Reading I IND +		ARR	ARR			1.00-6.00	
429	Internship IND +		ARR	ARR			1.00	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
929	Internship D IND +		ARR	ARR			1.00	
990	Diss-Precand SI 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			
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

Near Eastern Studies (NEAREAST)

498	Senior Honors Thesis							1.00-4.00
	IND +		ARR	ARR				
699	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)

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

Physics Department

Physics (PHYSICS)

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

Political Science Department

Political Science (POLSCI)

299	POLSCI Internship D IND +		ARR	ARR		1.00	ADVISORY	
383	Pol Sci Rsrch Opp I IND +		ARR	ARR		1.00-3.00		
692	Directed Reading I IND +		ARR	ARR		1.00-6.00	ADVISORY	
892	Directed Research I IND +		ARR	ARR		1.00-6.00	ADVISORY	
990	Diss-Precand I IND +		ARR	ARR		1.00-8.00	ADVISORY	
995	Diss-Cand IR IND +		ARR	ARR		8.00	ENFORCED	

Psychology Department

Psychology (PSYCH)

200	Ind Psych Issues I IND +	ARR	ARR	1.00-4.00	ADVISORY
322	Fld Prac Res Nat Sci I IND +	ARR	ARR	1.00-4.00	ADVISORY
326	Dir Res Psych/NS I IND +	ARR	ARR	1.00-4.00	ADVISORY
328	Res Lab Psy Nat Sci I IND +	ARR	ARR	1.00	ADVISORY
404	Field Practicum I IND +	ARR	ARR	1.00-4.00	ADVISORY
405	Pract Univ Setting I IND +	ARR	ARR	1.00-4.00	ADVISORY
420	Adv Reading NS I IND +	ARR	ARR	1.00-4.00	ADVISORY
421	Adv Reading Soc Sci I IND +	ARR	ARR	1.00-4.00	ADVISORY
422	Adv Research NS I IND +	ARR	ARR	1.00-4.00	ADVISORY
424	Sr Hon Res I Nat Sci AI SEM 001	ARR	ARR	2.00-4.00	ADVISORY
61009				Mahalingam	
426	Sr Hon Res II Nat Sc SI SEM 001	ARR	ARR	2.00-4.00	ADVISORY
61010				Shah	
428	Sr Thesis Res I D IND +	ARR	ARR	2.00-4.00	ADVISORY
619	Supervised Research I IND +	ARR	ARR	1.00-4.00	ADVISORY
683	Wkshop Samp Techniq 63315 P SEM 001 MTWTHF	830-1130AM	4128 LSA	3.00-6.00	ADVISORY
683	Wkshop Samp Techniq P SEM 001 MTWTHF	830-1130AM	ARR	3.00-6.00	ADVISORY
687	Applied Sampling 61529 P LEC 001 TTH	1230-3PM	G300 PERRY	3.00	ADVISORY
				Wagner, Nishimura	
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
719	Supervised Research I IND +	ARR	ARR	1.00-5.00	ADVISORY
819	Supervised Research I IND +	ARR	ARR	1.00-4.00	ADVISORY
879	Internship Clin Psy SI IND +	ARR	ARR	2.00	ADVISORY
990	Diss-Precand I IND +	ARR	ARR	8.00	ADVISORY
995	Diss-Cand IR IND +	ARR	ARR	8.00	ENFORCED

Studies In Religion

Religion (RELIGION)

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

Romance Languages Department

French (FRENCH)

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

Italian (ITALIAN)

995	Diss-Cand					8.00	ENFORCED	
	DR IND +		ARR	ARR				

Portuguese (PORTUG)

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

Romance Linguistics (ROMLING)

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

Spanish (SPANISH)

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

SRC-PSM Graduate Program

Survey Methodology (SURVMETH)

614 Dsn&Anl Com Samp Srv 3.00 ADVISORY

61527 P SEM 001 MW 1-3PM 4128 LSA West, Si

614 Dsn&Anl Com Samp Srv 3.00 ADVISORY

P SEM 001 F 1-4PM ARR

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

616 Wkshop Samp Techniq 3.00-6.00 ADVISORY

63313 P SEM 001 MTWTHF 830-1130AM 4128 LSA Heeringa, Lepkowski

616 Wkshop Samp Techniq 3.00-6.00 ADVISORY

P SEM 001 MTWTHF 830-1130AM ARR

625 Applied Sampling 3.00 ADVISORY

61526 P LEC 001 TTH 1230-3PM G300 PERRY Wagner, Nishimura

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.

651 Semi-Struc Interview 1.50

62798 P SEM 001 MTWTHF 9-1PM G449 MH Riley

Qual Meth Overview and Semi St

Offered as part of the Program in Survey Methodology and Summer Institute in Survey Research Techniques.

Contact isr-summer@umich.edu with questions.

652 Intro Focus Group 1.00 ADVISORY

63249 P SEM 001 TW 9-4PM 2011 MLB Lepkowski

Intro to Focus Groups

Offered as part of the Program in Survey Methodology and Summer Institute in Survey Research Techniques.

Contact isr-summer@umich.edu with questions.

653 Comb Qual&Quan Data 1.50 ADVISORY

62448 P SEM 001 MTWTHF 1-5PM G449 MH Axinn, Treleaven, Ghimire

Mixed Method Research Design

Offered as part of the Summer Institute in Survey Research Techniques. Contact summers@isr.umich.edu for registration information.

988 Adv Sem in Surv Meth 1.00-2.00 ADVISORY

63282 P SEM 001 MTWTHF 9-4PM G449 MH Schilling

GLAMMS for Complex Survey Data

Multiple Imputation in Practice. Course offered through Michigan Program in Survey Methodology as part of the Summer Institute in Survey Research Techniques.

Contact isr-summer@umich.edu with questions.

63808 P SEM 004 MT 9-4PM 3207 LSA Campanelli

Cog. Interviewing Quest Test

63144 P SEM 006 MTWTHF 9-12PM 2353 MH Schaeffer

Intro to Applied Quest Design

Introduction to Applied Questionnaire Design. Course offered through Michigan Program in Survey Methodology as part of the Summer Institute in Survey Research Techniques.

Contact isr-summer@umich.edu with questions.

63278 P SEM 008 MT 9-4PM ARR Peytcheva

Intro Survey Methodology

Intro to Survey Methodology. Course offered through Michigan Program in Survey Methodology as part of the Summer Institute in Survey Research Techniques.

Contact isr-summer@umich.edu with questions.

63317 P SEM 019 THF 9-4PM ARR Lepkowski

Intro to Survey Sampling

Intro to Survey Sampling short course.

Course offered through Michigan Program in Survey Methodology as part of the Summer Institute in Survey Research Techniques.

Contact isr-summer@umich.edu with questions.

63318 P SEM 020 THF 9-4PM 3207 LSA Campanelli

Multi-Item Scale Development

Multi Item Scale Development and Testing.

Course offered through Michigan Program in Survey Methodology as part of the Summer Institute in Survey Research Techniques.

Contact isr-summer@umich.edu with questions.

63319 P SEM 021 MTWTHF 1-4PM 2353 MH Campanelli

20 Ways to Test Your Survey

20 Ways to Test Your Survey Questions. Course offered through Michigan Program in Survey Methodology as part of the Summer Institute in Survey Research Techniques.

Contact isr-summer@umich.edu with questions.

63320 P SEM 023 MT 9-4PM ARR Broome

Questionnaire Design

Questionnaire Design Short Course offered through Michigan Program in Survey Methodology as part of the Summer Institute in Survey Research Techniques.

CAT#	Course Title						CR	PREREQ	LAB FEE
Class #	CODE	CMP	SEC	DAYS	TIME	LOCATION	INSTRUCTOR		
Contact isr-summer@umich.edu with questions.									
63321	P	SEM	024	MTWTHF	9-4PM	ARR		Lee, Lepkowski	
Prob and Nonprob Sampling Probability and Non-Probability Sampling Methods. Course offered through Michigan Program in Survey Methodology as part of the Summer Institute in Survey Research Techniques.									
Contact isr-summer@umich.edu with questions.									
63322	P	SEM	025	THF	9-4PM	ARR		Keusch	
Intro Data Collection Methods Intro to Data Collection Methods Short Course. Course offered through Michigan Program in Survey Methodology as part of the Summer Institute in Survey Research Techniques.									
Contact isr-summer@umich.edu with questions.									
63323	P	SEM	029	MTWTHF	9-4PM	2353 MH		Suzer Gurtekin	
Intro to Survey Research Tech Intro to Survey Research Techniques (1 week). Course offered through Michigan Program in Survey Methodology as part of the Summer Institute in Survey Research Techniques.									
Contact isr-summer@umich.edu with questions.									
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		

Screen Arts and Cultures

Screen Arts and Cultures (SAC)

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

Slavic Languages & Lit Dept

Russian (RUSSIAN)

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

Ukrainian (UKR)

450	Internship-Ukraine								
	I IND +		ARR	ARR				1.00	ADVISORY

Sociology Department

Sociology (SOC)

394	Undergrad Research						1.00-4.00	
	I IND +		ARR	ARR				
395	Independent Study						1.00-4.00	ADVISORY
	I IND +		ARR	ARR				
396	UG Internship						1.00	ADVISORY
	D IND +		ARR	ARR				
612	Applied Sampling						3.00	ADVISORY
61530	P LEC 001	TTH	1230-3PM	G300 PERRY		Wagner, Nishimura		
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.								
621	Wkshop Samp Techniq						3.00-6.00	ADVISORY
63316	P SEM 001	MTWTHF	830-1130AM	4128 LSA		Heeringa, Lepkowski		
621	Wkshop Samp Techniq						3.00-6.00	ADVISORY
	P SEM 001	MTWTHF	830-1130AM	ARR				
695	Directed Research						1.00-6.00	ADVISORY
	I IND +		ARR	ARR				
696	Directed Reading						1.00-6.00	ADVISORY
	I 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			

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 Department

Womens Studies (WOMENSTD)

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

Medicine

Division of Anatomical Science

Anatomy (ANATOMY)

800	Special Topics							1.00
60298	PI LEC 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				

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

Anesthesiology Department

Anesthesia (ANESTH)

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

Bioinformatics

Bioinformatics (BIOINF)

599	Directed Research I IND +		ARR	ARR		1.00-8.00		
990	Diss Research / Prec 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)

212	Descriptive Biochem					4.00	ADVISORY	
63671	P LEC 001 MW		10-12PM	2903 THSL	Ninfa			
212	Descriptive Biochem					4.00	ADVISORY	
	P LEC 001 T		10-11AM	2903 THSL				
398	UG Research BIOLCHEM					1.00-4.00	ADVISORY	
	I IND +		ARR	ARR				
499	Biochem Res for Ug					1.00-6.00	ADVISORY	
	IR IND +		ARR	ARR				
FOR UNDERGRADUATES								
600	Intro Bio Research					1.00-8.00	ADVISORY	
	IR IND +		ARR	ARR				
800	Biochem Res-Med Stu					1.00-6.00	ADVISORY	
	I IND +		ARR	ARR				
990	Diss-Precand					1.00-8.00	ADVISORY	
	I IND +		ARR	ARR				
995	Diss-Cand					8.00	ENFORCED	
	IR IND +		ARR	ARR				

Cancer Biology Graduate Program

Cancer Biology (CANC BIO)

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

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

Cell and Developmental Biology

Cell and Developmental Biology (CDB)

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

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 I 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
61336	P SEM 001 T		4-6PM	2062 PALM				
605	Mentored Clin Res						1.50-4.00	ADVISORY
61486	P LAB 001		ARR	ARR			Clauw	
606	Clinical Res Sem						1.00-2.00	ADVISORY
61607	P SEM 001		ARR	ARR				
For OJOC Students only.								
62522	P SEM 333 TH		1230-130PM	ARR		Burant, Wiley	1.00-2.00	ADVISORY
607	Clin Res Symposia							
61188	P SEM 001		ARR	ARR				
611	Intro Clin Res Meth						2.00	ADVISORY
61487	P SEM 001 T		4-6PM	ARR				

Department of Learning Health Sciences

Medical Education (MEDEDUC)

650	MHPE Ed Prof Act. 1							
	R IND +		ARR	ARR			6.00	ENFORCED
655	MHPE Ed Prof Act. 2							
	R IND +		ARR	ARR			6.00	ENFORCED
660	MHPE Ed Prof Act. 3							
	R IND +		ARR	ARR			6.00	ENFORCED
665	MHPE Ed Prof Act. 4							
	R IND +		ARR	ARR			6.00	ENFORCED
670	MHPE Ed Prof Act. 5							
	R IND +		ARR	ARR			6.00	ENFORCED
675	MHPE Ed Prof Act. 6							
	R IND +		ARR	ARR			6.00	ENFORCED
680	MHPE Ed Prof Act. 7							
	R IND +		ARR	ARR			6.00	ENFORCED
695	MHPE Capstone							
	R IND +		ARR	ARR			1.00-9.00	ENFORCED

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

Medical School Administration

Immunology (IMMUNO)

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

Medical School Administration (MEDADM)

807	Adv Head&Neck					2.00		
60299	S R LEC 001	W	2-5PM	ARR				
60300	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							1.00-16.00	
	I IND +		ARR	ARR					
599	Clinical Research							2.00-8.00	ADVISORY
	I W IND +		ARR	ARR					
781	Research							1.00-4.00	ADVISORY
	IND +		ARR	ARR					
782	Research							1.00-4.00	ADVISORY
	IND +		ARR	ARR					

Center For Neuroscience

Neuroscience (NEUROSCI)

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

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
60346								
920	Research in Path I IND +		ARR	ARR			1.00-6.00	ADVISORY
990	Pre-Cand Diss Res I IND +		ARR	ARR			1.00-8.00	ADVISORY
995	Cand Diss Research IR IND +		ARR	ARR			8.00	ENFORCED

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

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
	IND +		ARR	ARR			ADVISORY	

Pharmacology Department

Pharmacology (PHRMACOL)

600	Independent Study D IND +		ARR	ARR		1.00-8.00	ADVISORY	
605	MS Degree Research IND +		ARR	ARR		1.00-8.00		
990	Diss-Precand D IND +		ARR	ARR		1.00-8.00	ADVISORY	
995	Diss-Cand DR IND +		ARR	ARR		8.00	ENFORCED	

Physical Medicine & Rehab Dept

Physical Medicine & Rehabilitation (PMR)

539	Eng&Tec Cln Interns							
	IND +		ARR	ARR			8.00	ADVISORY
599	Clinical Research							
	IND +		ARR	ARR			1.00-8.00	

Physiology Department

Physiology (PHYSIOL)

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

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

Psychiatry Department

Psychiatry (PSYCHIAT)

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

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

Surgery Department

Surgery (SURGERY)

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

Conducting (CONDUCT)

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

Music Education (MUSED)

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

Musicology (MUSICOL)

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

Music Performance (MUSPERF)

591	Directed Perform						2.00-4.00	ADVISORY
	I IND +		ARR	ARR				
891	Directed Perform						2.00-6.00	ADVISORY
	I IND +		ARR	ARR				
990	Diss-Precand						1.00-8.00	ADVISORY
	I IND +		ARR	ARR				
995	Diss-Cand						8.00	ENFORCED
	IR IND +		ARR	ARR				

Performing Arts & Technology (PAT)

407	Direct Indiv Stdy						1.00-3.00	ADVISORY
	I IND +		ARR	ARR				
481	Independent Stds						1.00-4.00	ADVISORY
	I IND +		ARR	ARR				
490	Sr Thesis Seminar						1.00-3.00	ADVISORY
62774	PI SEM 001		ARR	ARR		Santos		

Theory (THEORY)

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

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

Theatre And Drama

Theatre & Drama (THTREMUS)

995	Diss-Cand								
	R	IND	+		ARR	ARR	8.00	ENFORCED	

Natural Resources&Environment

School for Environment and Sustainability

Environment and Sustainability (EAS)

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

Nursing

School Of Nursing

Nursing (NURS)

499	Independent Study				1.00-5.00	ADVISORY	
	I IND +	ARR	ARR				
544	Wellness for ACPNP				1.00	ENFORCED	
63393	P R CLN 001	ARR	ARR		Duffy		
63394	P R CLN 002	ARR	ARR		Duffy		
546	Antepartum Care				6.00	ADVISORY	
63293	A LEC 001 W	830-430PM	2184 400NIB		Deibel		
63412	P CLN 002	ARR	ARR		Zielinski		
63609	P CLN 003	ARR	ARR		Deibel		
551	Peds Adv Mgmt I				2.00	ENFORCED	
63296	P R LEC 001	ARR	ARR		Nelson, Crowe		
N551 will meet on the following dates and times in NIB 3151: Monday, 5/14/18 from 1pm-4pm; Thursday 5/17/18 from 9am-12pm and 1pm-4pm; Tuesday, 5/22/18 (time between 7am-9pm and determined by student sign-up); Monday 6/11/18 from 1pm-4pm; Monday 6/18/18 from 1pm-3pm; Thursday 6/21/18 from 9am-12pm; Monday 7/9/18 from 1pm-4pm; Thursday 7/26/18 from 9am-12pm; and Thursday 8/9/18 from 9am-12pm and 1pm-4pm.							
553	Proced Skills Acute				3.00	ENFORCED	250.00
63402	A R LEC 001 M	9-12PM	ARR		Blush		
N553 lecture will meet on the following dates in SNB 2250: May 7, May 14, May 21, June 4, June 11, June 18, July 9, July 23, and August 6. Lecture on May 21 will last until 1:30pm for ACPNP students only.							
63406	P R LAB 002 F	8-4PM	ARR		Blush, Mason, Crowe, Kaminski Jr, Franklin, Todd		
The first N553 lab will meet on either 5/18, 6/1, or 6/15. Please see the email communication from Dr. Blush. N553 lab will also meet on 6/22, 7/27, and 8/10.							
63410	P R LAB 003 F	8-4PM	ARR		Mason, Franklin, Crowe, Blush, Kaminski Jr, Todd		
The first N553 lab will meet on either 5/18, 6/1, or 6/15. Please see the email communication from Dr. Blush. N553 lab will also meet on 6/22, 7/27, and 8/10.							
63610	P R LAB 004 F	8-4PM	ARR		Crowe, Franklin, Mason, Kaminski Jr, Todd, Blush		
The first N553 lab will meet on either 5/18, 6/1, or 6/15. Please see the email communication from Dr. Blush. N553 lab will also meet on 6/22, 7/27, and 8/10.							
575	AGACNPCNS NusTh II				4.00	ADVISORY, ENFORCED	
63297	P R SEM 001 TH	9-12PM	1000 SNB		Lee		
589	Adv PNP Clin Pract				2.00-4.00	ENFORCED	
63404	P R CLN 001 T	1-3PM	ARR		Boucher		
N589 will meet on May 1 and August 7 in SNB 1250.							
63413	P R CLN 002 T	1-3PM	ARR		Marvicsin		
N589 will meet on May 1 and August 7 in SNB 1250.							
611	AGAPN Clin Prac III				1.00-4.00	ADVISORY, ENFORCED	
62523	P R CLN 001	ARR	ARR		Mason		
63612	P R CLN 002	ARR	ARR		Franklin		
639	Acute Peds Clin III				5.00		
63633	P CLN 001	ARR	ARR		Low		
666	Prim Care III Adults				3.00-6.00	ADVISORY	
63298	A SEM 001 TH	830-1230PM	ARR		Bigelow		
N666 will meet in SNB 1240 on all dates except May 10. N666 will meet in NIB 1230 on May 10.							
63416	P CLN 002	ARR	ARR		Curtis		
63417	P CLN 003	ARR	ARR		Bigelow		
63762	P CLN 004	ARR	ARR		Bigelow		
693	FNP Practicum II				4.00	ENFORCED	
63763	P R CLN 001	ARR	ARR		Kuzma		
63764	P R CLN 002	ARR	ARR		Ammerman		
695	Selected Topics				1.00-4.00		
	I IND +	ARR	ARR				
697	Independent Studies				1.00-4.00		
	I IND +	ARR	ARR				
699	Nrs Scholarly Proj				1.00-8.00		
If total accumulated credits for Nurs 699 are more than 2, students must have permission of Academic Advisor and Research Area Faculty member.							
	I IND +	ARR	ARR				
795	Spec Topics Nursing				1.00-3.00	ADVISORY	
	I IND +	ARR	ARR				
797	Independent Study				1.00-3.00	ADVISORY	
	I IND +	ARR	ARR				
800	Stat Adv Pract				3.00		
63203	PD LEC 001 T	9-12PM	ARR		Ploutz-Snyder		
N800 will meet on May 1, May 29, July 10, and July 31 in SNB 1250.							
816	Policy Analysis				3.00	ADVISORY	
63614	PI SEM 001 TH	1-4PM	ARR		Anderson		
N816 will meet on May 3, June 7, July 5, and August 2 in NIB 2184.							
843	NMW Scope Practice				3.00	ADVISORY	
63660	A LEC 001 TH	9-10AM	1180 400NIB		Roosevelt		
63661	P LAB 002 TH	10-12PM	1180 400NIB		Roosevelt		

CAT#	Course Title					CR	PREREQ	LAB FEE
Class #	CODE CMP SEC	DAYS	TIME	LOCATION	INSTRUCTOR			
883	Topics Bio-Behavior IND +		ARR	ARR		3.00	ADVISORY	
910	Translation Implemen					3.00		
62531	P SEM 001 F		9-12PM	ARR	Franklin			
N910 will meet on May 4, June 8, July 13, and August 3 in SNB 1240.								
950	DNP Residency					1.00-6.00	ADVISORY	
62765	PD LAB 203 F		1-4PM	ARR	Tschannen			
N950 will meet on May 4, June 8, July 6, and August 3 in NIB 1184.								
955	Scholarly Project					1.00-6.00	ADVISORY	
	I IND +		ARR	ARR				
995	Diss-Cand					8.00	ENFORCED	
	R IND +		ARR	ARR				

Pharmacy

College Of Pharmacy

Medicinal Chemistry (MEDCHEM)

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

Pharmacy (PHARMACY)

570	Research IND +	ARR	ARR	1.00-6.00	ADVISORY
730	Pharm D Sem 63192 PD SEM 001 F	2-5PM	2548 NUB	1.00	ADVISORY
787	Adv Pharm Prac Exp 1 62535 PD LAB 001	ARR	ARR	4.00 Walker	ADVISORY
788	Adv Pharm Prac Exp 2 62536 PD LAB 001	ARR	ARR	4.00 Walker	ADVISORY
789	Adv Pharm Prac Exp 3 62537 PD LAB 001	ARR	ARR	4.00 Walker	ADVISORY
792	Adv Pharm Prac Exp 6 63334 PD LAB 001	ARR	ARR	4.00 Walker	ADVISORY
793	Adv Pharm Prac Exp 7 63768 PD LAB 001	ARR	ARR	4.00 Walker	ADVISORY
799	Curr Practical Prjct 63779 PD SEM 001	ARR	ARR	1.00 Mueller	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

Pharmaceutical Sciences (PHARMSCI)

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

Social and Administrative Sciences (SOCADMIN)

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

Public Health

Biostatistics Department

Biostatistics (BIOSTAT)

502	Regression Analysis					3.00	ENFORCED	
61543	P R LEC 888		ARR	ARR	Sanchez	1.00-4.00		
578	Practical Training							
	I IND +		ARR	ARR				
610	Readings in Biostat					1.00-4.00	ADVISORY	
	I IND +		ARR	ARR				
820	Readings in Biostat					1.00-4.00	ADVISORY	
	IR IND +		ARR	ARR				
990	Diss-Precand					1.00-8.00	ADVISORY	
	IR IND +		ARR	ARR				
995	Diss-Cand					8.00	ENFORCED	
	IR IND +		ARR	ARR				

Environmental Health Sciences

Environmental Health Sciences (EHS)

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

Epidemiology Department

Epidemiology (EPID)

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

Health Management And Policy

Health Management And Policy (HMP)

540	Legal/Ethical Res							
61306	PI LEC 333		ARR	ARR			2.00-3.00	ADVISORY
542	Cst Ut Anl&Clin Res						3.00	
63231	PD LEC 333		ARR	ARR		Saltzman		
This course will meet in room 1655 SPH I								
603	Managing Health Care						3.00	ADVISORY
63591	PD LEC 777		ARR	ARR		Wolk		
This class is for students in the Executive Masters program only.								
615	Intro Pub Hlth Pol						1.00-4.00	
62938	PD LEC 777		ARR	ARR		Wolfson		
This class is for students in the Executive Masters program only.								
654	Oper&Control Syst						3.00	ADVISORY
62939	PD LEC 777		ARR	ARR		Mendez		
This class is for students in the Executive Masters program only.								
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				

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

Nutritional Sciences

Nutritional Sciences (NUTR)

995	DissertationResearch DR IND +		ARR	ARR			8.00	ENFORCED	
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Public Policy

School Of Public Policy

Public Policy (PUBPOL)

490	Independent Study						1.00-3.00	
	IND +		ARR	ARR				
700	Directed Research						1.00-6.00	ADVISORY
	I IND +		ARR	ARR				
750	Special Topics						2.00	ADVISORY
63230	P RW LEC 201	TTH	11-130PM	ARR		Monfreda		
<p>Re-Imagining Sustainability This course provides a broad overview of developments and patterns of the science, policy, and politics of global environmental governance as they have emerged over the past five decades.</p> <p>Rather than focusing on particular issues, it explores the interplay between two questions. First, how do we know we have global environmental problems? And secondly, how does this knowledge relate to governing arrangements? International political cooperation has helped to make global environmental change visible through the development of transnational systems for studying and monitoring the planet. At the same time, scientific understandings of the earth as an integrated environmental system are challenging traditional notions of citizenship, political participation, and regulatory policy. By examining the simultaneous production of environmental knowledge and global political order in class exercises and in short papers on topics of their own choosing, students will sharpen their skills as analysts of international policy.</p>								
990	Diss-Precand						1.00-8.00	ADVISORY
	I IND +		ARR	ARR				
995	Diss-Cand						8.00	ENFORCED
	IR IND +		ARR	ARR				

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

Rackham Graduate School

Chemical Biology (CHEMBIO)

599	Research Rotation					1.00-6.00		
62217	PD LAB 001		ARR	ARR		Mapp		
995	Diss-Cand					8.00	ENFORCED	
	DR IND +		ARR	ARR				

Museum Studies (MSP)

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

Ross School of Business

FRESHMEN MAY NOT ELECT ANY BUSINESS COURSES. 500 LEVEL COURSES OR ABOVE REQUIRE GRADUATE STANDING.

School of Business Administration

Accounting (ACC)

593	Management Acctg	1.50	ADVISORY
62081	P REC 001 MTWTHF 830-330PM	R1240 BUS	Indjejkian
This course is reserved for Global MBA students only.			
750	Indep Study Project	1.00-3.00	ADVISORY
	I IND +	ARR	
900	Special Research	1.00-6.00	
	I IND +	ARR	
990	Diss-Precand	1.00-8.00	ADVISORY
	I IND +	ARR	
995	Diss-Cand	8.00	ENFORCED
	IR IND +	ARR	

Business Administration (BA)

225	ABIS	1.00	
63745	PI REC 001	ARR	Shark
325	ABIS	1.00	
63744	PI REC 001	ARR	Shark
380	Senior Seminar	3.00	ADVISORY
63751	PI SEM 001	ARR	Bagozzi
399	Indep Study Project	1.00-3.00	
	I IND +	ARR	
525	ABIS	1.00	
63587	PI REC 001	ARR	Shark
554	Evening MAP	6.00	ADVISORY
63115	PD REC 451	ARR	Svaan
Interested Evening MBA students should reach out to rossptmba@umich.edu for more information about this course.			
557	MM-SJTU Cable Prof	3.00	
63232	PI REC 001	ARR	Krishnan
750	Indep Study Project	1.00-3.00	ADVISORY
	I IND +	ARR	

Business Communication (BCOM)

750	Independent Study	1.00-3.00	
	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 Law (BL)

750	Independent Study	1.00-3.00	
	I IND +	ARR	ARR

Executive Master of Business Administration (EMBA)

606	Entrepren Ventures	1.50	ADVISORY
63108	P REC 001 MWFS 7-10AM	R2210 BUS	Thornhill
This course is reserved exclusively for students in the Executive MBA program.			
63109	P REC 812 MWFS 7-10AM	R2210 BUS	Thornhill
This course is reserved exclusively for students in the Executive MBA program.			
607	Strategic Brand Mgmt	1.50	ADVISORY
63110	P REC 001 MWFS 7-10PM	R2220 BUS	Batra
This course is reserved exclusively for students in the Executive MBA program.			
63111	P REC 812 MWFS 7-10PM	R2220 BUS	Batra
This course is reserved exclusively for students in the Executive MBA program.			
608	Global Finance	1.50	ADVISORY
63112	P REC 001 TTHSU 7-10PM	R2210 BUS	Kaul
This class is reserved exclusively for students in the Executive MBA program.			
63113	P REC 812 TTHSU 7-10PM	R2210 BUS	Kaul
This class is reserved exclusively for students in the Executive MBA program.			
609	Health Care Strategy	1.50	
63190	PD REC 001 TTHSU 7-10PM	R2220 BUS	Killaly
This class is reserved exclusively for students in the Executive MBA program.			
63191	PD REC 812 TTHSU 7-10PM	R2220 BUS	Killaly
This class is reserved exclusively for students in the Executive MBA program.			

CAT# Class #	Course Title CODE CMP SEC	DAYS	TIME	LOCATION	CR INSTRUCTOR	PREREQ	LAB FEE
625	Legal Envirmt of Bus				1.50	ADVISORY	
63106	PI REC 001 SA		7-10PM	R2210 BUS	Muir		
Seats in this class are reserved for students in the EMBA program.							
63107	PI REC 812		ARR	ARR	Muir		
Seats in this class are reserved for students in the EMBA program.							
627	Corp Fin Strategy				1.50	ADVISORY	
61613	P REC 001 SA		930-6PM	R2210 BUS	Seyhun		
This course is reserved for Executive MBA students only.							
62912	P REC 812		ARR	ARR	Seyhun		
This course is reserved for Executive MBA students only.							
630	Strat Mkt Planning				3.00	ADVISORY	
62910	P REC 001 THFSA		7-10PM	R2210 BUS	Manchanda		
630	Strat Mkt Planning				3.00	ADVISORY	
	P REC 001 THF		7-10PM	R2210 BUS			
This course is reserved for Executive MBA students only.							
630	Strat Mkt Planning				3.00	ADVISORY	
62913	P REC 812		ARR	ARR	Kinnear		
This course is reserved for Executive MBA students only.							
637	Macroecon Envir Bus				1.50	ADVISORY	
63580	P REC 001 F		7-10PM	R1210 BUS	Handley		
63581	P REC 812		ARR	ARR	Handley		
651	Positive Leadership				1.50		
63457	P REC 001		ARR	ARR	Cumming		
63458	P REC 812		ARR	ARR	Cumming		
652	Strategic HR Plan				1.50		
63459	P REC 001		ARR	ARR	Cumming		
63460	P REC 812		ARR	ARR	Cumming		
653	Strategic Leaders				1.50		
63461	P REC 001		ARR	ARR	Cumming		
63462	P REC 812		ARR	ARR	Cumming		
Finance (FIN)							
399	Indep Study Project				1.00-3.00	ADVISORY	
	I IND +		ARR	ARR			
591	Financial Mgmt				2.25	ADVISORY	
62909	P REC 001 MTWTHF		830-330PM	R1240 BUS	Kim		
This course is reserved for Global MBA students only.							
750	Indep Study Project				1.00-3.00	ADVISORY	
	I IND +		ARR	ARR			
900	Special Research				1.00-6.00	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			
Marketing (MKT)							
591	Marketing Mngmt				2.25	ADVISORY	
62082	P REC 001 MTWTHF		830-330PM	R1240 BUS	Manchanda		
This course is reserved for Global MBA students only.							
750	Indep Study Project				1.00-3.00	ADVISORY	
	I IND +		ARR	ARR			
900	Special Research				1.00-6.00	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			
Management and Organizations (MO)							
593	Leading People & Org				2.25	ADVISORY	
62083	P REC 001 MTWTHF		830-330PM	R1240 BUS	Walsh		
This course is reserved for Global MBA students only.							
750	Indep Study Project				1.00-3.00	ADVISORY	
	I IND +		ARR	ARR			
900	Special Research				1.00-6.00	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			
Strategy (STRATEGY)							
591	Corporate Strategy				2.25	ADVISORY	
62084	P REC 001		ARR	ARR	Jensen		
This course is reserved for Global MBA students only.							
598	Strat Benchmarking				1.00	ADVISORY, ENFORCED	
63064	P R REC 001		ARR	ARR	Jensen		
Silicon Valley							

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

MO 594 is an elective for students in the Global MBA program at the Ross School of Business.

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

Technology and Operations (TO)

593	Operations Mgt							2.25 ADVISORY
62917	P REC 001	MTWTHF	830-330PM	R1240 BUS	Kapuscinski			
This course is reserved for Global MBA students only..								
995	Diss-Candidacy							8.00 ADVISORY, ENFORCED
	IR IND +		ARR	ARR				

Weekend Master of Business Administration (WMBA)

501	Prin Fin Acc							2.25
62183	P REC 001	SA	1230-240PM	R1230 BUS	Wright			
501	Prin Fin Acc							2.25
	P REC 001	SA	3-510PM	R1230 BUS				
	P REC 001	SA	3-510PM	R1230 BUS				
	P REC 001	SA	1230-240PM	R1230 BUS				
	P REC 001	F	4-610PM	R1230 BUS				
	P REC 001	F	7-910PM	R1230 BUS				
	P REC 001	SA	1230-240PM	R1230 BUS				
	P REC 001	F	4-610PM	R1230 BUS				

#1
This course is reserved for Weekend MBA students only.

501	Prin Fin Acc							2.25
63268	P REC 002	F	4-610PM	R1240 BUS	Wright			
501	Prin Fin Acc							2.25
	P REC 002	SA	9-1110AM	R1240 BUS				
	P REC 002	F	7-910PM	R1240 BUS				
	P REC 002	SA	3-510PM	R1240 BUS				
	P REC 002	SA	9-1110AM	R1240 BUS				
	P REC 002	SA	1230-240PM	R1240 BUS				
	P REC 002	SA	9-1110AM	R1240 BUS				
	P REC 002	SA	1230-240PM	R1240 BUS				

#1
This course is reserved for Weekend MBA students only.

502	Appl Microecon							2.25
62184	P REC 001	F	4-610PM	R1230 BUS	Shwayder			
502	Appl Microecon							2.25
	P REC 001	SA	9-1110AM	R1230 BUS				
	P REC 001	F	4-610PM	R1230 BUS				
	P REC 001	F	7-910PM	R1230 BUS				
	P REC 001	SA	1230-240PM	R1230 BUS				
	P REC 001	F	7-910PM	R1230 BUS				
	P REC 001	SA	9-1110AM	R1230 BUS				
	P REC 001	SA	3-510PM	R1230 BUS				

#1
This course is reserved for Weekend MBA students only.

502	Appl Microecon							2.25
63269	P REC 002	F	7-910PM	R1240 BUS	Shwayder			
502	Appl Microecon							2.25
	P REC 002	F	4-610PM	R1240 BUS				
	P REC 002	SA	9-1110AM	R1240 BUS				
	P REC 002	SA	1230-240PM	R1240 BUS				
	P REC 002	SA	3-510PM	R1240 BUS				
	P REC 002	F	4-610PM	R1240 BUS				
	P REC 002	F	4-610PM	R1240 BUS				
	P REC 002	F	7-910PM	R1240 BUS				

#1
This course is reserved for Weekend MBA students only.

503	Appl Bus Stat							2.25
62185	P REC 001	SA	9-1110AM	R1230 BUS	Lovejoy			
503	Appl Bus Stat							2.25
	P REC 001	F	4-610PM	R1230 BUS				
	P REC 001	F	7-910PM	R1230 BUS				
	P REC 001	SA	9-1110AM	R1230 BUS				
	P REC 001	SA	3-510PM	R1230 BUS				
	P REC 001	SA	9-1110AM	R1230 BUS				
	P REC 001	SA	1230-240PM	R1230 BUS				
	P REC 001	SA	1230-240PM	R1230 BUS				

This course is reserved for Weekend MBA students only.

503	Appl Bus Stat							2.25
63270	P REC 002	SA	1230-240PM	R1240 BUS	Lovejoy			

CAT#	Course Title	CR	PREREQ	LAB FEE
Class #	CODE CMP SEC	DAYS	TIME	LOCATION
503	Appl Bus Stat			2.25
	P REC 002 SA		9-1110AM	R1240 BUS
	P REC 002 SA		1230-240PM	R1240 BUS
	P REC 002 F		4-610PM	R1240 BUS
	P REC 002 F		7-910PM	R1240 BUS
	P REC 002 F		4-610PM	R1240 BUS
	P REC 002 F		7-910PM	R1240 BUS
	P REC 002 SA		9-1110AM	R1240 BUS
#1	This course is reserved for Weekend MBA students only.			
504	Marketing Mngmt			2.25
62186	P REC 001 SA		1230-240PM	R1230 BUS
504	Marketing Mngmt			2.25
	P REC 001 SA		9-1110AM	R1230 BUS
	P REC 001 SA		3-510PM	R1230 BUS
	P REC 001 F		4-610PM	R1230 BUS
	P REC 001 SA		9-1110AM	R1230 BUS
	P REC 001 F		7-910PM	R1230 BUS
	P REC 001 SA		3-510PM	R1230 BUS
	P REC 001 F		7-910PM	R1230 BUS
#1	This course is reserved for Weekend MBA students only.			
504	Marketing Mngmt			2.25
63271	P REC 002 SA		3-510PM	R1240 BUS
504	Marketing Mngmt			2.25
	P REC 002 F		4-610PM	R1240 BUS
	P REC 002 F		7-910PM	R1240 BUS
	P REC 002 SA		1230-240PM	R1240 BUS
	P REC 002 SA		3-510PM	R1240 BUS
	P REC 002 SA		9-1110AM	R1240 BUS
	P REC 002 SA		1230-240PM	R1240 BUS
	P REC 002 SA		3-510PM	R1240 BUS
#1	This course is reserved for Weekend MBA students only.			
519	Bus Law & Ethics			2.25
63195	PD REC 001 SA		9-1110AM	R1210 BUS
519	Bus Law & Ethics			2.25
	P REC 001 SA		3-510PM	R1210 BUS
	P REC 001 SA		1230-240PM	R1210 BUS
	P REC 001 SA		3-510PM	R1210 BUS
	P REC 001 F		7-910PM	R1210 BUS
	P REC 001 SA		9-1110AM	R1210 BUS
	P REC 001 F		4-610PM	R1210 BUS
	P REC 001 SA		3-510PM	R1210 BUS
#1	WMBA classes are reserved exclusively for students in the Weekend MBA program.			
519	Bus Law & Ethics			2.25
63196	PD REC 002 SA		1230-240PM	R1220 BUS
519	Bus Law & Ethics			2.25
	P REC 002 SA		1230-240PM	R1220 BUS
	P REC 002 F		4-610PM	R1220 BUS
	P REC 002 F		7-910PM	R1220 BUS
	P REC 002 F		4-610PM	R1220 BUS
	P REC 002 SA		1230-240PM	R1220 BUS
	P REC 002 SA		9-1110AM	R1220 BUS
	P REC 002 SA		1230-240PM	R1220 BUS
#1	WMBA classes are reserved exclusively for students in the Weekend MBA program.			
525	Comm to Connect			0.75
63240	P REC 001 SA		3-510PM	ARR
525	Comm to Connect			0.75
	P REC 001 F		7-910PM	ARR
	P REC 001 SA		3-510PM	ARR
#1	WMBA classes are reserved exclusively for students in the Weekend MBA program.			
525	Comm to Connect			0.75
63242	P REC 002 F		7-910PM	ARR
525	Comm to Connect			0.75
	P REC 002 SA		3-510PM	ARR
	P REC 002 F		4-610PM	ARR
#1	WMBA classes are reserved exclusively for students in the Weekend MBA program.			
525	Comm to Connect			0.75
63243	P REC 003 F		7-910PM	ARR
525	Comm to Connect			0.75
	P REC 003 SA		3-510PM	ARR
	P REC 003 F		4-610PM	ARR
#1	WMBA classes are reserved exclusively for students in the Weekend MBA program.			

CAT# Class #	Course Title CODE CMP SEC	DAYS	TIME	LOCATION	CR INSTRUCTOR	PREREQ	LAB FEE
525 63464	Comm to Connect P REC 004	SA	3-510PM	ARR	0.75 Pawlik		
525	Comm to Connect P REC 004	F	7-910PM	ARR	0.75		
	P REC 004	SA	3-510PM	ARR			
#1	WMBA classes are reserved exclusively for students in the Weekend MBA program.						
527	Comm to Lead P REC 001	SA	9-1110AM	ARR	0.75 Schantz		
527	Comm to Lead P REC 001	F	4-610PM	ARR	0.75		
	P REC 001	F	7-910PM	ARR			
#1	Seats in this course are reserved for Weekend MBA students.						
527	Comm to Lead P REC 002	SA	9-1110AM	ARR	0.75 Morrow		
527	Comm to Lead P REC 002	F	4-610PM	ARR	0.75		
	P REC 002	F	7-910PM	ARR			
#1	Seats in this course are reserved for Weekend MBA students.						
527	Comm to Lead P REC 003	SA	9-1110AM	ARR	0.75 Pawlik		
527	Comm to Lead P REC 003	F	4-610PM	ARR	0.75		
	P REC 003	SA	9-1110AM	ARR			
#1	Seats in this course are reserved for Weekend MBA students.						
527	Comm to Lead P REC 004	SA	9-240PM	ARR	0.75 Russo		
527	Comm to Lead P REC 004	F	4-610PM	ARR	0.75		
	P REC 004	SA	9-1110AM	ARR			
#1	Seats in this course are reserved for Weekend MBA students.						
601	Strat Mktg Plan P REC 001	F	4-610PM	R1210 BUS	2.25 Kinnear	ADVISORY	
601	Strat Mktg Plan P REC 001	F	7-10PM	R1210 BUS	2.25	ADVISORY	
	P REC 001	SA	9-1110AM	R1210 BUS			
	P REC 001	SA	3-6PM	R1210 BUS			
	P REC 001	F	4-610PM	R1210 BUS			
	P REC 001	F	7-910PM	R1210 BUS			
	P REC 001	F	7-910PM	R1210 BUS			
	P REC 001	SA	1230-240PM	R1210 BUS			
#1	This course is reserved for Weekend MBA students only.						
602	Strategies-Growth P REC 001	SA	1230-240PM	R1210 BUS	2.25 Karnani	ADVISORY	
602	Strategies-Growth P REC 001	SA	3-510PM	R1210 BUS	2.25	ADVISORY	
	P REC 001	F	4-610PM	R1210 BUS			
	P REC 001	F	7-910PM	R1210 BUS			
	P REC 001	SA	9-1110AM	R1210 BUS			
	P REC 001	SA	1230-240PM	R1210 BUS			
	P REC 001	SA	9-1110AM	R1210 BUS			
	P REC 001	SA	1230-240PM	R1210 BUS			
#1	This course is reserved for Weekend MBA students only.						
606	Entrepreneurship P REC 001	TH	1240-240PM	R1220 BUS	2.25 Price		32.00
606	Entrepreneurship P REC 001	TH	3-510PM	R1220 BUS	2.25		32.00
	P REC 001	SA	1230-240PM	R1220 BUS			
	P REC 001	SA	3-510PM	R1220 BUS			
	P REC 001	SA	9-1110AM	R1220 BUS			
	P REC 001	SA	3-510PM	R1220 BUS			
	P REC 001	F	4-610PM	R1220 BUS			
	P REC 001	F	7-910PM	R1220 BUS			
#1	WMBA 606 is reserved for WMBA students taking Entrepreneurship themed courses.						
607	Strat Mrktng Entrep P REC 001	SA	9-1110AM	R1220 BUS	2.25 Kinnear		
607	Strat Mrktng Entrep P REC 001	SA	3-510PM	R1220 BUS	2.25		
	P REC 001	SA	1230-240PM	R1220 BUS			
	P REC 001	SA	3-510PM	R1220 BUS			
	P REC 001	SA	9-1110AM	R1220 BUS			
	P REC 001	SA	1230-240PM	R1220 BUS			

CAT#	Course Title	CR	PREREQ	LAB FEE
Class #	CODE CMP SEC	DAYS	TIME	LOCATION
	P REC 001	F	4-610PM	R1220 BUS
	P REC 001	SA	3-510PM	R1220 BUS
#1				
608	Venture Capital			2.25
63049	P REC 001	SA	9-1110AM	R1220 BUS
608	Venture Capital			2.25
	P REC 001	SA	3-510PM	R1220 BUS
	P REC 001	F	4-610PM	R1220 BUS
	P REC 001	F	7-910PM	R1220 BUS
	P REC 001	F	7-910PM	R1220 BUS
	P REC 001	F	7-910PM	R1220 BUS
	P REC 001	SA	9-1110AM	R1220 BUS
	P REC 001	SA	3-510PM	R1220 BUS
#1				
This course is for WMBA students in the Entrepreneurship theme.				
614	Compet Tactic&Policy			2.25
63568	P REC 001	TH	1230-240PM	ARR
614	Compet Tactic&Policy			2.25
	P REC 001	TH	3-510PM	ARR
	P REC 001	SA	1230-240PM	ARR
	P REC 001	SA	3-510PM	ARR
	P REC 001	F	7-910PM	ARR
	P REC 001	F	4-610PM	ARR
	P REC 001	SA	1230-240PM	ARR
	P REC 001	SA	3-510PM	ARR
#1				
Seats in this course are reserved exclusively for WMBA students.				

Social Work

School Of Social Work

Social Work (SW)

415	Ind Studies: SW IND +	ARR	ARR	1.00-3.00	ADVISORY
515	Fndtn Fid Instructn IND +	ARR	ARR	1.00-2.00	
517	Ind Studies Aging IND +	ARR	ARR	1.00-3.00	ADVISORY
518	Ind Studies Aging IND +	ARR	ARR	1.00-3.00	ADVISORY
519	Ind Stds Hum Behav IND +	ARR	ARR	1.00-3.00	ADVISORY
520	Ind Stds Hum Behav IND +	ARR	ARR	1.00-3.00	ADVISORY
523	Ind Stds Inperprac IND +	ARR	ARR	1.00-3.00	ADVISORY
524	Ind Stds Inperprac IND +	ARR	ARR	1.00-3.00	ADVISORY
525	Ind Stds Chld&Yth IND +	ARR	ARR	1.00-3.00	ADVISORY
526	Ind Stds Chld&Yth IND +	ARR	ARR	1.00-3.00	ADVISORY
528	Ind Stds in Global SI IND +	ARR	ARR	1.00-3.00	
531	Fndatn Field Sem 63663 PDR SEM 001 W	530-730PM	2752 SSWB	1.00	ENFORCED
Entry into this seminar will need the approval of the Office of Field Instruction and the School Registrar.					
532	Ind Stds Health IND +	ARR	ARR	1.00-3.00	ADVISORY
533	Ind Stds Health IND +	ARR	ARR	1.00-3.00	ADVISORY
546	Ind Stds SWPS IND +	ARR	ARR	1.00-3.00	ADVISORY
547	Ind Stds SWPS IND +	ARR	ARR	1.00-3.00	ADVISORY
553	Ind Stds Comm Org IND +	ARR	ARR	1.00-3.00	ADVISORY
554	Ind Stds Comm Org IND +	ARR	ARR	1.00-3.00	ADVISORY
555	Ind Stds Comm & SS IND +	ARR	ARR	1.00-3.00	ADVISORY
556	Ind Stds Comm & SS IND +	ARR	ARR	1.00-3.00	ADVISORY
566	Ind Stds Mgt Hum S IND +	ARR	ARR	1.00-3.00	ADVISORY
567	Ind Stds Mgt Hum S IND +	ARR	ARR	1.00-3.00	ADVISORY
576	Ind Stds Pol&Eval IND +	ARR	ARR	1.00-3.00	ADVISORY
577	Ind Stds Pol&Eval IND +	ARR	ARR	1.00-3.00	ADVISORY
581	Ind Stds Mntl Hlth IND +	ARR	ARR	1.00-3.00	ADVISORY
582	Ind Stds Mntl Hlth IND +	ARR	ARR	1.00-3.00	ADVISORY
583	Ind Std Research IND +	ARR	ARR	1.00-3.00	ADVISORY
584	Ind Stds Research IND +	ARR	ARR	1.00-3.00	ADVISORY
586	Ind Studies Eval IND +	ARR	ARR	1.00-3.00	ADVISORY
587	Ind Studies Eval IND +	ARR	ARR	1.00-3.00	ADVISORY
598	Ind Stds Soc Work IND +	ARR	ARR	1.00-3.00	ADVISORY
599	Ind Stds Soc Work IND +	ARR	ARR	1.00-3.00	ADVISORY
606	MHlth/Mtl DisorAdult 63495 P R LEC 001 M	6-10PM	3816 SSWB	3.00	ENFORCED
611	Soc Chng Theories 63123 P R LEC 001 M	8-12PM	B684 SSWB	3.00	ENFORCED
612	Mentl Hlt&Disor Chl 60466 P R LEC 001 T	8-12PM	B770 SSWB	3.00	ENFORCED
617	Death, Loss&Grief 60467 P R LEC 001 T	6-10PM	3816 SSWB	3.00	ENFORCED

CAT# Class #	Course Title CODE CMP SEC	DAYS	TIME	LOCATION	CR INSTRUCTOR	PREREQ	LAB FEE
620	Contemp Cult U.S.				3.00	ENFORCED	
63623	P R LEC 001	M	8-12PM	B798 SSWB	Mitchell		
623	Pract with Families				3.00	ADVISORY, ENFORCED	
60470	P R LEC 001	M	1-5PM	B798 SSWB	Martinez-Gilliard		
60471	P R LEC 002	T	8-12PM	B798 SSWB	Alvarez		
624	Inperprac-Groups				3.00	ADVISORY, ENFORCED	
60472	P R LEC 001	M	1-5PM	3816 SSWB	Ortega		
62085	P R LEC 002	T	1-5PM	B760 SSWB	Tolman		
625	Child & Youth				3.00	ADVISORY, ENFORCED	
61612	P R LEC 001	M	1-5PM	2752 SSWB	Sanders		
63228	P R LEC 002	T	8-12PM	B684 SSWB	Crane		
62443	P R LEC 003	T	8-12PM	2752 SSWB	Baldwin Steller		
63229	P R LEC 004	T	1-5PM	3752 SSWB	Sanders		
628	IP - Adult Indiv				3.00	ADVISORY, ENFORCED	
60473	P R LEC 001	M	1-5PM	B780 SSWB	Chute		
62086	P R LEC 002	T	6-10PM	2752 SSWB	Brydon		
63857	P R LEC 003	M	1-5PM	B684 SSWB	Brydon		
629	Schl SWorker Interv				3.00	ADVISORY	
62983	P R LEC 001	M	6-10PM	3752 SSWB	Sherman		
630	Adv CI SW Pr Int Hlt				3.00	ADVISORY	
63332	PD LEC 001	M	8-12PM	B780 SSWB	Price		
Priority is given to Detroit Clinical and HRSA Scholars. Others will need to submit a Course Enrollment Petition via the SSW web site. Scholars will receive an electronic permission to enroll in either section 001 or 002 prior to registration.							
63670	PD LEC 002	M	8-12PM	1804 SSWB	Eiler		
Priority is given to Detroit Clinical and HRSA Scholars. Others will need to submit a Course Enrollment Petition via the SSW web site. Scholars will receive an electronic permission to enroll in either section 001 or 002 prior to registration.							
642	Sch SWorker Pol Serv				3.00	ADVISORY, ENFORCED	
60487	P R LEC 001	T	1-5PM	3816 SSWB	Sherman		
657	Multicult&Multiling				3.00	ADVISORY, ENFORCED	
63116	P R LEC 001	M	1-5PM	1804 SSWB	Copeland		
663	Fundr&Grant Writing				3.00	ADVISORY, ENFORCED	
60476	P R LEC 001	M	1-5PM	B760 SSWB	Doyle		
664	Mgt Hum Resources				3.00	ADVISORY, ENFORCED	
61489	P R LEC 001	T	8-12PM	B780 SSWB	Savas		
63852	P R LEC 002	T	8-12PM	3816 SSWB	Gilbert		
674	Com-Based Pol Advoc				3.00	ADVISORY, ENFORCED	
62915	P R LEC 001	M	1-5PM	B770 SSWB	Glenn		
683	Eval In Social Work				3.00	ADVISORY, ENFORCED	
60479	P R LEC 001	M	1-5PM	3752 SSWB	Savas		
61397	P R LEC 002	T	6-10PM	3752 SSWB	Doyle		
63140	P R LEC 003	T	1-5PM	B780 SSWB	Savas		
63223	P R LEC 004	T	1-5PM	B684 SSWB	Doyle		
691	Adv Field Instructn				1.00-12.00	ADVISORY	
	I IND +		ARR	ARR			
696	Practice Child&Yth				3.00	ADVISORY, ENFORCED	
60991	P R LEC 001	M	8-12PM	2752 SSWB	Ribaudo		
61488	P R LEC 002	T	8-12PM	3752 SSWB	Stern		
63668	P R LEC 003	M	8-12PM	B770 SSWB	Robinson		
698	Pract Mental Health				3.00	ADVISORY, ENFORCED	
60992	P R LEC 001	M	8-12PM	3752 SSWB	Martinez-Gilliard		
60993	P R LEC 002	M	8-12PM	3816 SSWB	Lokers		
61611	P R LEC 003	T	8-12PM	B760 SSWB	Glenn		
699	SW Prac Health Promo				3.00	ADVISORY, ENFORCED	
60994	P R LEC 001	M	8-12PM	B760 SSWB	Mattison		
713	Adv Topics in Soc Wk				4.00		
63391	PI LEC 001	T	1-5PM	2752 SSWB	Ribaudo		
Observ/Interv Very Young Child							
Students will need to contact the course instructor for permission to enroll. The instructor will then notify the SSW Registrar so an electronic permission can be entered to allow for the enrollment.							
715	Adven/Exper SW Prac				3.00		
63395	P LEC 001	T	6-10PM	B798 SSWB	Alvarez		
790	Adv Topics in IP				1.00		
61615	P R SEM 001	SA	9-5PM	2752 SSWB	Svensson		
Fam Psychoed-Support Networks							
63114	P R SEM 002	FSA	9-5PM	2752 SSWB	Crane		
SW Practice in Rural Settings							
61614	P R SEM 003	TH	10-4PM	2752 SSWB	Fouk		
	P R SEM 003	SA	10-3PM	ARR			
Mindfulness-based Cog Therapy							
Saturday class will be held at Turner Senior Resource Center, 2401 Plymouth Rd							
62191	PDR SEM 004	FSA	9-5PM	3816 SSWB	Cordova Jr		
Transitional Age Youth							
Priority is given to Detroit Clinical Scholars. Others will need to submit a Course Enrollment Petition. Scholars will receive an electronic permission to enroll in this course prior to registration.							
62193	PDR SEM 005	FSA	9-5PM	3816 SSWB	Cordova Jr		
Working with Latino Families							
Priority is given to Detroit Clinical Scholars. Others will need to submit a Course Enrollment Petition. Scholars							

CAT# Class #	Course Title CODE CMP SEC	DAYS	TIME	LOCATION	CR INSTRUCTOR	PREREQ	LAB FEE
will receive an electronic permission to enroll in this course prior to registration.							
62530	P R SEM 006	F	9-5PM	2752 SSWB	Lund		
Curr Treatmt Trauma Survivors							
62775	P R SEM 007	FSA	9-5PM	2752 SSWB	Haas		
Bas Skills for Dial Behav Ther							
62921	P R SEM 008	FSA	9-5PM	3752 SSWB	Dubin		
Workg w/Indiv w/Dementia & Fam							
62986	P R SEM 009	FSA	9-5PM	2752 SSWB	Pahwa		
Multicul Sex Ed Counsel Therap							
62988	P R SEM 010	TH	2-5PM	2752 SSWB	Sanders		
	P R SEM 010	FSA	930-4PM	ARR			
Animal Assisted Therapy Interv							
The Friday and Saturday sessions will be held at 11774 Quigley Rd, Dexter MI 48130							
62989	P R SEM 011	W	9-5PM	2752 SSWB	Mattison		
Spirit Assmt&Interv in SW Prac							
62990	PDR SEM 012	W	9-5PM	2752 SSWB	Eiler		
Str En & Ret Ski Wk Hgh Nd Yth							
Priority is given to Detroit Clinical Scholars. Others will need to submit a Course Enrollment Petition. Scholars will receive an electronic permission to enroll in this course prior to registration.							
62991	P R SEM 013	SA	9-5PM	2752 SSWB	Carey		
Psychopharm For Social Workers							
63126	P R SEM 014	F	9-5PM	3752 SSWB	Crane		
Curr Treatmt Trauma Survivors							
63202	P R SEM 015	TH	9-5PM	2752 SSWB	Fischer		
Cog Behav Therapy Chld/Adoles							
63408	PDR SEM 016	TH	2-5PM	2752 SSWB	Sanders		
	P R SEM 016	FSA	930-4PM	ARR			
Animal Assisted Therapy Interv							
The Friday and Saturday sessions will be held at 11774 Quigley Rd, Dexter MI 48130							
796	Adv Top Micr/Macr SW					1.00	
63198	P R SEM 001	FSA	9-5PM	3752 SSWB	Chang		
Older Adults Disabilities							
799	Adv Topics Macro SW					1.00	
61493	P R SEM 001	F	9-5PM	3752 SSWB	Hiltz		
Budgeting/Financ Mgmt SW Mgrs							
63199	P R SEM 002	F	9-5PM	B760 SSWB	Lee		
Social Entrepreneurship							
63454	P R SEM 003	W	9-5PM	3752 SSWB	Gant		
HIV/AIDS: Evi Bas Prg Pol&Serv							
62529	P R SEM 005	FSA	9-5PM	2752 SSWB	Sanders		
Immi Enfor Hum Rights&Soc Just							
62918	P R SEM 006	SA	9-5PM	2752 SSWB	Thompkins-Jones, Ormsby		
Undstdg Divers Soc Just Dialog							
62919	P R SEM 007	SA	9-5PM	3816 SSWB	Tropman		
Exec Ldrship Skls Hum Serv Org							
801	Research Internship					1.00-8.00	ADVISORY
	IND +		ARR	ARR			
802	Research Internship					1.00-8.00	ADVISORY
	IND +		ARR	ARR			
803	Research Internship					1.00-8.00	ADVISORY
	IND +		ARR	ARR			
900	Prep Candidacy Eval					1.00-8.00	ADVISORY
	IND +		ARR	ARR			
971	Directed Reading					1.00-4.00	ADVISORY
	IND +		ARR	ARR			
972	Directed Reading					1.00-4.00	ADVISORY
	IND +		ARR	ARR			
973	Directed Reading					1.00-4.00	ADVISORY
	IND +		ARR	ARR			
974	Directed Reading					1.00-4.00	ADVISORY
	IND +		ARR	ARR			
975	Directed Research					1.00-4.00	ADVISORY
	IND +		ARR	ARR			
976	Directed Research					1.00-4.00	ADVISORY
	IND +		ARR	ARR			
977	Directed Research					1.00-4.00	ADVISORY
	IND +		ARR	ARR			
978	Directed Research					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			

Stamps School of Art & Design

School Of Art And Design

Art and Design (ARTDES)

320	Diss-Cand							1.00-16.00
61379	P R LAB 009		ARR	ARR				
Berlin								
61314	P R LAB 010		ARR	ARR				
351	Internship							
	D IND +		ARR	ARR			1.00-3.00	ADVISORY
498	Int Project I						6.00	70.00
	I IND +		ARR	ARR				
500	Independent Studio						1.00-6.00	250.00
	I IND +		ARR	ARR				