Architecture & Urban Planning

College of Architecture & Urban Planning

Architecture (ARCH)

302	**SU Int Tran Studio**						**9.00**	**ADVISORY**	
72755	P R	LAB	201	MTTHF	10-1PM	3100 A&AB	Gilpin, Lomeli		
302	**SU Int Tran Studio**						**9.00**	**ADVISORY**	
	P R	LAB	201	MTTHF	2-5PM	3100 A&AB			
400	**Tutorl Stds in Arch**						**1.00-3.00**	**ADVISORY**	
	I	IND	+		ARR	ARR			
402	**Arch Design**						**6.00**	**ADVISORY, ENFORCED**	**100.00**
71644	P R	LAB	201	MTTHF	1-6PM	3100 A&AB	Penarroyo, Tate		
416	**Design Fundamentals**						**3.00**	**ADVISORY**	
71727	A	LEC	201	W	9-1030AM	1227 A&AB	Bigham		
71729	P R	DIS	202	W	11-12PM	1227 A&AB	Bigham		
600	**Tutor Studies Arch**						**1.00-3.00**	**ADVISORY**	
	I	IND	+		ARR	ARR			
700	**MS Practicum**						**6.00**	**ADVISORY**	**100.00**
73434	P	SEM	201	M	11-1PM	3100 A&AB	Daubmann, Herrmann, Peller, Newell, Culver		
700	**MS Practicum**						**6.00**	**ADVISORY**	**100.00**
	P	SEM	201	M	2-6PM	3100 A&AB			
	P	SEM	201	T	2-6PM	3100 A&AB			
	P	SEM	201	W	2-6PM	3100 A&AB			
	P	SEM	201	F	11-1PM	3100 A&AB			
	P	SEM	201	F	2-6PM	3100 A&AB			
700	**MS Practicum**						**6.00**	**ADVISORY**	**100.00**
73435	P	SEM	202	M	11-1PM	3100 A&AB	Newell, Herrmann, Culver, Peller, Daubmann		
700	**MS Practicum**						**6.00**	**ADVISORY**	**100.00**
	P	SEM	202	T	2-6PM	3100 A&AB			
	P	SEM	202	M	2-6PM	3100 A&AB			
	P	SEM	202	W	2-6PM	3100 A&AB			
	P	SEM	202	F	11-1PM	3100 A&AB			
	P	SEM	202	F	2-6PM	3100 A&AB			
714	**MS Proseminar**						**3.00**	**ADVISORY**	
73436	P	SEM	201	W	9-1PM	2108 A&AB	Daubmann		
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**						**1.00-4.00**	**ADVISORY**	
	IR	IND	+		ARR	ARR			
990	**Diss-Precand**						**1.00-8.00**	**ADVISORY**	
	IR	IND	+		ARR	ARR			
995	**Diss-Cand**						**4.00**	**ENFORCED**	
	IR	IND	+		ARR	ARR			

Urban Design (UD)

712	**Urban Des Studio I**						**6.00**		**600.00**
72028	P R	LAB	201	MWF	130-530PM	3100 A&AB	Arquero De Alarcon		
712	**Urban Des Studio I**						**6.00**		**600.00**
	P R	LAB	201	TTH	9-1PM	3100 A&AB			
714	**Fin Urban Real Est**						**2.00**		
73343	P	SEM	201	MW	6-8PM	2222 A&AB	McCullough		
715	**Integ Citycult Sem**						**2.00**		
73437	P R	SEM	201	TTH	2-4PM	2210 A&AB	Ortiz Struck		

Urban Planning (UP)

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

Dental Hygiene

Dental Hygiene-Dentistry

Dental Hygiene (DENTHYG)

444	**Comm Prac:Hd Start**					**1.00**	
70057	P	SEM	202	ARR	ARR		
450	**Practicum**					**2.00**	
70058	P	SEM	201	ARR	ARR		
480	**Independent Study**					**2.00-4.00**	
70059	P	LEC	201	ARR	ARR		

Dentistry
School Of Dentistry

Biomaterials (BIOMATLS)

572	**Sp Lab Proj-Biomatr**						**1.00-4.00**	**ADVISORY**	
	I	IND	+		ARR	ARR			
990	**Diss-Precand**						**1.00-8.00**	**ADVISORY**	
	I	IND	+		ARR	ARR			

Dentistry (DENT)

501A	**Intro to Profession**						**1.00-2.00**	**ENFORCED**	
72735	P R	LEC	201	TH	10-12PM	G378 DENT	Fitzgerald		
504	**Intro to Pathways**						**0.00-10.00**	**ENFORCED**	
72746	P R	SEM	201		ARR	ARR			
505	**Grand Rounds - D1**						**0.00-10.00**	**ENFORCED**	
72745	P R	LEC	201	TH	8-10AM	ARR	Fasbinder		
509	**Int Oralfacial Cmplx**						**2.00**	**ENFORCED**	
72736	P R	LEC	201	MW	1-3PM	G005 DENT	Bradley		
510	**Basic Histology**						**1.00**	**ENFORCED**	
73142	P R	LEC	201	TH	8-10AM	G378 DENT	Hortsch		
517	**Intro to Clinic Skills**						**0.50-2.50**	**ENFORCED**	
72737	P R	LEC	201	W	3-5PM	G322 DENT	Stefanac		
521A	**Dent Anat Occlus I**						**1.00-10.00**	**ENFORCED**	**195.00**
72738	P R	LEC	201	TH	2-5PM	G360 DENT	Cavalcanti		
521A	**Dent Anat Occlus I**						**1.00-10.00**	**ENFORCED**	**195.00**
	P R	LEC	201	TH	2-3PM	G378 DENT			
	P R	LEC	201	TH	3-5PM	G360 DENT			
545	**Head & Neck Anatomy**						**3.25**	**ENFORCED**	
72763	P R	LEC	201	MWF	8-12PM	ARR	Alsup, Fox		

Dental Hygiene (DHYGRACK)

682	**Sem Dentl Hyg**						**2.00**		
70055	P	SEM	201		ARR	ARR			
688	**Thesis**						**1.00-3.00**		
70056	P	SEM	201		ARR	ARR			

Endodontics (ENDODONT)

651	**Preclin Grad Endo**						**5.00**		
73391	P	LAB	201	TH	9-12PM	1033 DENT	McDonald		
651	**Preclin Grad Endo**						**5.00**		
	P	LAB	201	F	930-12PM	1033 DENT			
	P	LAB	201	F	1-4PM	1033 DENT			
	P	LAB	201	MWTH	9-12PM	1033 DENT			
	P	LAB	201	MWTH	1-4PM	1033 DENT			
	P	LAB	201	TTH	1-4PM	1033 DENT			
	P	LAB	201	M	8-12PM	1033 DENT			
	P	LAB	201	THF	9-12PM	1033 DENT			
	P	LAB	201	T	8-12PM	1033 DENT			
	P	LAB	201	WTH	1-4PM	1033 DENT			
	P	LAB	201	MW	9-12PM	1033 DENT			
655	**Endo Research**						**1.00-3.00**		
	I	IND	+		ARR	ARR			

Oral Biology (ORALBIOL)

678	**Stat Meth Oral Biol**						**1.00-3.00**	**ADVISORY**	
70061	P	SEM	201		ARR	ARR			
773	**Directed Research**						**1.00-4.00**		
70062	P	SEM	201		ARR	ARR			
855	**Conscious Sedation**						**1.00**		
70063	P	SEM	201		ARR	ARR			
990	**Diss-Precand**						**1.00-8.00**	**ADVISORY**	
	I	IND	+		ARR	ARR			
995	**Diss-Cand**						**4.00**	**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**		
70067	P	LAB	201		ARR	ARR			

Oral Health Sciences (ORALHEAL)

811	**Sci Sem Series**						**1.00-2.00**		
70068	P	SEM	201		ARR	ARR			
812	**Sci Lab Rotations**						**3.00**		
		IND	+		ARR	ARR			
813	**Culture of Science**						**2.00**		

70070	P	SEM 201		ARR	ARR			
851	**Special Topics Sem**					**1.00-3.00**	**ADVISORY**	
	I	IND +		ARR	ARR			
990	**Dissertatn-Precand**					**1.00-8.00**	**ADVISORY**	
		IND +		ARR	ARR			
995	**Dissertation-Cand**					**4.00**	**ENFORCED**	
	R	IND +		ARR	ARR			

Oral Pathology (ORALPATH)

696	**Thesis Investigatn**					**1.00-3.00**		
	I	IND +		ARR	ARR			

Orthodontics (ORTHO)

753	**Principles in Ortho**					**1.00-2.00**		
73480	P	SEM 201		ARR	ARR	Kim-Berman		
760	**Clinical Orthodon**					**1.00-5.00**		
70075	P	LAB 201		ARR	ARR	Kim-Berman		
762	**Sem in Orthodontics**					**2.00**		
70076	P	SEM 201		ARR	ARR			
763	**Ortho Pediat Dent**					**1.00-4.00**		
70077	P	LAB 201		ARR	ARR	Ono		
766	**Research-Thesis**					**1.00-2.00**		
	D	IND +		ARR	ARR			
768	**Intro Ortho Tech**					**1.00**		
73394	P	LAB 201		ARR	ARR	Ono		
772	**Intro Cephalometric**					**1.00**		
71934	P	SEM 201		ARR	ARR	Cevidanes		
775	**Clin Ped Ortho**					**1.00-3.00**		
73392	P	LAB 201		ARR	ARR	Conley		

Pediatric Dentistry (PEDDENT)

591	**Clinical Ped Dent**					**1.00-5.00**		
73393	P	LAB 201		ARR	ARR	Boynton		
594	**Investigatn-Thesis**					**1.00-3.00**		
	I	IND +		ARR	ARR			

Periodontics (PERIODON)

780	**Periodontic Clinic**					**1.00-6.00**		
70080	P	LAB 201		ARR	ARR	Wang		
781	**Sem in Periodontics**					**3.00**		
73398	P	SEM 201		ARR	ARR	Wang		
786	**Periodontal Therapy**					**1.00-2.00**		
73390	P	LEC 201	MW	1-3PM	B312A DENT	Eber		

Prosthodontics (PROSTHOD)

643	**Clin Prosthodontics**					**1.00-6.00**		
73395	P	LAB 201		ARR	ARR	Razzoog		
645	**Thesis Investigatn**					**1.00-3.00**		
	D	IND +		ARR	ARR			

Restorative (RESTORA)

550	**Rev Rest Dent**					**2.00**		
73552	P	LEC 201		ARR	ARR	Fasbinder, Neiva		
551	**Rev Rest Dent Lab**					**2.00**		
73553	P	LAB 201	MW	3-5PM	ARR	Fasbinder, Neiva		
560	**Comp Tx Planning**					**2.00**		
73554	P	LAB 201	T	1-3PM	ARR	Fasbinder, Neiva		
742	**Clin Restor Dent**					**1.00-8.00**		
73399	P	LEC 201		ARR	ARR	Neiva		
743	**Thesis Investigatn**					**1.00-3.00**		
	I	IND +		ARR	ARR			
746	**Prin Operative Dent**					**1.00-2.00**		
73396	P	SEM 201		ARR	ARR	Yaman		
748	**Spec Topc Oper Dent**					**1.00-3.00**		
70082	P	SEM 201		ARR	ARR			
866	**Masticatory System**					**1.00**	**ADVISORY**	
70083	P	SEM 201		ARR	ARR			
868	**Bioengin Occlusion**					**2.00**	**ADVISORY**	
70084	P	SEM 201		ARR	ARR			
869	**Occlusion Lab**					**1.00-3.00**		
70085	P	LAB 201		ARR	ARR			
873	**Clin Prac Occlusion**					**1.00-6.00**		
70086	P	LAB 201		ARR	ARR			
880	**Investigatn Thesis**					**1.00-3.00**		
	I	IND +		ARR	ARR			
883	**Restora Materials**					**1.00-2.00**	**ADVISORY**	
73397	P	SEM 201		ARR	ARR	Yaman		

Education
School Of Education
Education (EDUC)

310 Independent Study **1.00-6.00**
SI 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**
SI 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**
SI IND + ARR ARR
Students should obtain permission from the instructor via email and then forward to Tina Sanford at tsanf@umich.edu.

401 Devel Rdg Wrtg Elem **3.00**
70090 P R LEC 201 TTH 8-11AM 2225 SEB
ELMAC 20 students only.

443 Exceptionalities K-8 **1.00**
73325 P R LEC 201 MWF 12-4PM 2225 SEB Fortini
For Elmac 20 students only. Class also meets 8:00 AM-11:00 AM M/T/W/Th/F August 7-11, 2017.

444 Tchg with Tech K-8 **1.00**
73380 P R LEC 201 MTWTHF 12-3PM 2225 SEB Keren-Kolb
Elmac 20 students only.

470 Ind Study in HE&PSE **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.

485 Math Elem Sch Teach **3.00 ADVISORY**
72971 P R LEC 201 MWF 8-11AM 2310 SEB
For ELMAC 20 students only.

504 Teach with Tech **1.00**
72771 P R SEM 201 ARR ARR Keren-Kolb, Stanzler
Cohort 1 (Maize) Secondary MAC interns only.
73130 P R SEM 202 ARR ARR Stanzler, Keren-Kolb
Cohort 2 (Blue) Secondary MAC interns.

510 Teaching & Learning **1.00**
72695 P R SEM 201 TTH 12-4PM 2225 SEB Robertson
ELMAC 20 students only.

571 Prof Sem in Tch Edu **2.00 ADVISORY**
73681 P R SEM 201 ARR ARR Coolican
Secondary MAC interns only.
73682 P R SEM 202 ARR ARR Hearn
Secondary MAC interns only.
73683 P R SEM 203 ARR ARR Saunders
Secondary MAC interns only.
73684 P R SEM 204 ARR ARR Stanzler
Secondary MAC interns only.

579 2nd Lang Lrng **3.00 ADVISORY**
73235 P R LEC 201 MTWTHF 1-5PM 2310 SEB Coolican
For ELMAC 19 ESL students only.

590 ESL Tchg Prac & Sem **3.00 ADVISORY**
73043 P R SEM 201 ARR ARR Reischl
For ELMAC 19 ESL students only.

595 2nd Lang Assessment **2.00 ADVISORY**
73245 P R LEC 201 MTWTHF 9-12PM 4212 SEB Schleppegrell
For ELMAC 19 ESL students only.

605 Intern Learn Tech **3.00**
S IND + ARR ARR

606 Dev&Psy Perspect Ed **3.00**
72976 P R REC 201 ARR ARR Fretz
Cohort 1 (Maize) Secondary MAC interns.
73132 P R REC 202 ARR ARR Fretz
Cohort 2 (Blue) Secondary MAC interns.

638 Intrn&Dir Field Exp **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.

640 Ind Study Ed Stdy **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.

649 Found Persp Ed Rfrm **3.00**
72962 P R REC 201 ARR ARR

649 Found Persp Ed Rfrm **3.00**
P R REC 201 F 1115-1215PM ARR

Cohort 1 (Maize) Secondary MAC interns.
649 Found Persp Ed Rfrm **3.00**
72984 P R REC 202 ARR ARR
Cohort 2 (Blue) Secondary MAC interns.
650 Refl Teach Fld Exp **1.50-6.00** **ADVISORY**
71719 P R LAB 201 MTWTHF 9-4PM 2218 SEB
Math Practicum
ELMAC 20 students only.
73252 P R LAB 207 ARR ARR Hankinson
Cohort 1 (Maize) Secondary MAC students.
73523 P R LAB 208 ARR ARR Hankinson
Cohort 2 (Blue) Secondary MAC students.
73633 P R LAB 211 MTWTHF 9-4PM ARR
Language Arts Practicum
ELMAC 20 students only.
655 Dir Resear Ed Study **1.00-6.00** **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.
657 Practicum Ed Study **1.00-6.00** **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.
695 Res Educ Practice **3.00**
72986 P R LEC 201 ARR ARR Craig
Cohort 1 (Maize) Secondary MAC students.
73133 P R LEC 202 ARR ARR Craig
Cohort 2 (Blue) Secondary MAC students.
728 Prac Learn Tech **1.00-4.00** **ADVISORY**
SI IND + ARR ARR
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**
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.
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.
991 Prelims Part A **1.00-3.00**
SI IND + ARR ARR
992 Prelims Part B **1.00-3.00**
SI IND + ARR ARR
995 Diss-Cand **4.00** **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)

290	**Directed Study**						**1.00-3.00**	
	I	IND	+		ARR	ARR		
390	**Directed Study**						**1.00-3.00**	
	I	IND	+		ARR	ARR		
490	**Directed Study**						**1.00-3.00**	**ADVISORY**
		IND	+		ARR	ARR		
590	**Directed Study**						**1.00-6.00**	**ADVISORY**
		IND	+		ARR	ARR		
990	**Diss-Precand**						**1.00-8.00**	**ADVISORY**
		IND	+		ARR	ARR		
995	**Diss-Cand**						**4.00**	**ENFORCED**
	R	IND	+		ARR	ARR		

Atm, Oceanic And Space Science

Atmospheric, Oceanic And Space Sciences (AOSS)

701	**Special Problems**					**1.00-16.00**	
		IND	+	ARR	ARR		
990	**Diss-Precand**					**1.00-8.00**	**ADVISORY**
		IND	+	ARR	ARR		
995	**Diss-Cand**					**4.00**	**ENFORCED**
	R	IND	+	ARR	ARR		

Climate and Meteorology (CLIMATE)

498	**Practicum**					**1.00-2.00**	
72127	PI	LEC	201	ARR	ARR	Samson	
499	**Directed Study**					**1.00-16.00**	
	I	IND	+	ARR	ARR		

Space Science and Engineering (SPACE)

498	**Practicum**					**1.00-2.00**	
73562	PI	LEC	201	ARR	ARR	Samson	
590	**Space Systems Proj**					**4.00**	**ADVISORY**
72141	PI	LEC	201	ARR	ARR	McKague	

Biomedical Engineering

Biomedical Engineering (BIOMEDE)

490	**Directed Research**						**1.00-4.00**	
		IND	+		ARR	ARR		
590	**Directed Research**						**1.00-16.00**	**ADVISORY**
		IND	+		ARR	ARR		
591	**M S Thesis**						**1.00-16.00**	**ADVISORY**
	I	IND	+		ARR	ARR		
990	**Diss-Precand**						**1.00-8.00**	**ADVISORY**
		IND	+		ARR	ARR		
995	**Diss-Cand**						**4.00**	**ENFORCED**
	R	IND	+		ARR	ARR		

Chemical Engineering Department

Chemical Engineering (CHE)

290	**Res&Spec Problems**						**1.00-16.00**	**ADVISORY**
		IND	+		ARR	ARR		
490	**Adv Res&Spec Problem**						**1.00-16.00**	**ADVISORY, ENFORCED**
	R	IND	+		ARR	ARR		
695	**Research Problems**						**1.00-16.00**	**ADVISORY**
		IND	+		ARR	ARR		
698	**Directed Study**						**1.00-16.00**	
	I	IND	+		ARR	ARR		
990	**Diss-Precand**						**1.00-8.00**	**ADVISORY**
		IND	+		ARR	ARR		
995	**Diss-Cand**						**4.00**	**ENFORCED**
	R	IND	+		ARR	ARR		

Civil & Environmental Engr

Civil And Environmental Engineering (CEE)

430	**Sp Prob Constr Eng**				**1.00-3.00**	**ADVISORY**
	I	IND +	ARR	ARR		
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		
630	**Dir Study Const Eng**				**1.00-3.00**	**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		
811	**Struct Eng Project**				**3.00**	**ENFORCED**
73423	P RW	LEC 034	ARR	ARR	Wight	
910	**Struct Engr Res**				**1.00-16.00**	
	I	IND +	ARR	ARR		
921	**Hydra&Hydro Eng Res**				**1.00-16.00**	**ADVISORY**
	I	IND +	ARR	ARR		
930	**Constr Engr Res**				**1.00-16.00**	
	I	IND +	ARR	ARR		
946	**Soil Mech Res**				**1.00-16.00**	
	I	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**				**4.00**	**ENFORCED**
	R	IND +	ARR	ARR		

Electrical Engr & Computer Sci

Electrical Engineering And Computer Science (EECS)

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

Engineering Undergraduate Educ

Engineering (ENGR)

280	**Undergrad Research**					**1.00-4.00**	**ADVISORY**	
71869	P	DIS	201	ARR	ARR			
301	**Engr Ugrad Stdy Abrd**					**1.00-16.00**	**ADVISORY**	
73536	P	LEC	132	ARR	ARR			
400	**Co-Op Educ Engr**					**0.00**	**ADVISORY**	**65.00**
70132	PD	DIS	201	ARR	ARR			

Industrial-Operations Engr Dep

Industrial And Operations Engineering (IOE)

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

Integrative Systems and Design

Energy Systems Engineering Program (ESENG)

503 Energy Systems Proj 3.00 ADVISORY
D IND + ARR ARR

Financial Engineering Program (FINENG)

500 Fin Eng Seminar 3.00 ENFORCED
This course is ONLY open to ADMITTED students entering the Financial Engineering degree program in Summer 2013..
72126 PDR SEM 201 ARR ARR

Program In Manufacturing

Manufacturing (MFG)

571	**Ship Des Proj**					**1.00-16.00**	**ADVISORY**
	IND	+		ARR	ARR		
990	**Dissertat Pre-Cand**					**2.00-8.00**	**ADVISORY**
	IND	+		ARR	ARR		

Materials Science & Engineering

Materials Science Engineering (MATSCIE)

490	**Research Problems**						**1.00-3.00**	**ENFORCED**
	R	IND	+		ARR	ARR		
690	**Research Problems**						**1.00-16.00**	
		IND	+		ARR	ARR		
990	**Diss-Precand**						**1.00-8.00**	**ADVISORY**
		IND	+		ARR	ARR		
995	**Diss-Cand**						**4.00**	**ENFORCED**
	R	IND	+		ARR	ARR		

Mech Eng & Applied Mech Dept

Mechanical Engineering (MECHENG)

490	**RISE 4**						**3.00**	
		IND	+		ARR	ARR		
491	**Independent Study**						**1.00-3.00**	**ADVISORY**
		IND	+		ARR	ARR		
590	**Res Sel M E Topics**						**3.00-6.00**	**ADVISORY**
		IND	+		ARR	ARR		
695	**Master Thesis Res**						**3.00-6.00**	**ADVISORY**
		IND	+		ARR	ARR		
995	**Diss-Cand**						**4.00**	**ENFORCED**
	R	IND	+		ARR	ARR		

Naval Arch & Marine Engr Dept

Naval Architecture And Marine Engineering (NAVARCH)

490	**Dir Std,Res&Sp Prob**						**1.00-16.00**	**ADVISORY**
		IND	+		ARR	ARR		
511	**Sp Topic Ship Struc**						**1.00-16.00**	**ADVISORY**
	I	IND	+		ARR	ARR		
521	**Dir Study Mar Hydro**						**1.00-16.00**	**ADVISORY**
	I	IND	+		ARR	ARR		
571	**Ship Des Proj**						**1.00-16.00**	**ADVISORY**
		IND	+		ARR	ARR		
590	**Directed Study&Res**						**1.00-6.00**	**ADVISORY**
		IND	+		ARR	ARR		
592	**Masters Thesis**						**1.00-6.00**	**ADVISORY**
	I	IND	+		ARR	ARR		
792	**Prof Degree Thesis**						**1.00-8.00**	
	I	IND	+		ARR	ARR		
990	**Diss-Precand**						**1.00-8.00**	**ADVISORY**
	I	IND	+		ARR	ARR		
995	**Diss-Cand**						**4.00**	**ENFORCED**
	R	IND	+		ARR	ARR		

Nuclear Engr & Radiological Sci

Nuclear Engineering And Radiological Sciences (NERS)

499	**Res Nur Eng/Rad Sci**					**1.00-3.00**	**ADVISORY, ENFORCED**
	R	IND	+	ARR	ARR		
588	**Rad Safe&Md Phy Prac**					**1.00-12.00**	**ADVISORY**
		IND	+	ARR	ARR		
599	**Masters Project**					**1.00-3.00**	**ADVISORY**
		IND	+	ARR	ARR		
799	**Special Project**					**1.00-6.00**	
		IND	+	ARR	ARR		
990	**Diss-Precand**					**1.00-8.00**	**ADVISORY**
		IND	+	ARR	ARR		
995	**Diss-Cand**					**4.00**	**ENFORCED**
	R	IND	+	ARR	ARR		

Technical Communication

Technical Communication (TCHNCLCM)

575	**Directed Study**				**1.00-4.00**	**ADVISORY**
	I	IND +	ARR	ARR		
590	**Intern in Tech Comm**				**1.00-4.00**	**ADVISORY**
	I	IND +	ARR	ARR		
675	**Directed Study**				**1.00-4.00**	**ADVISORY**
	I	IND +	ARR	ARR		

Information

School of Information

Information (SI)

390	**Internship**					**3.00**		
	I	IND	+		ARR	ARR		
491	**Independent Study**					**1.00-8.00**		
	I	IND	+		ARR	ARR		
690	**Intern/Field Exper**					**1.00-6.50**	**ADVISORY**	
	I	IND	+		ARR	ARR		
791	**Independent Study**					**1.00-3.00**	**ADVISORY**	
	I	IND	+		ARR	ARR		
902	**Directed Research**					**1.00-3.00**	**ADVISORY**	
	I	IND	+		ARR	ARR		
990	**Diss-Precand**					**1.00-8.00**	**ADVISORY**	
	I	IND	+		ARR	ARR		
995	**Diss-Cand**					**4.00**	**ADVISORY, ENFORCED**	
	IR	IND	+		ARR	ARR		

Kinesiology
School Of Kinesiology

Athletic Training (AT)

403	**Internship in AT**						**0.50-4.00**	**ADVISORY**
71699	PI	LAB	201		ARR	ARR		
488	**Ind Study AT**						**1.00-2.00**	**ADVISORY**
	SI	IND	+		ARR	ARR		

Health and Fitness (HF)

403	**Internship in HF**						**0.50-4.00**	**ADVISORY**
73407	PI	LAB	201		ARR	ARR		
73408	PI	LAB	202		ARR	ARR	Kern	
73540	PI	LAB	203		ARR	ARR	Kern	
470	**Independent Study**						**1.00-3.00**	**ADVISORY**
	I	IND	+		ARR	ARR		

Kinesiology (KINESLGY)

302	**Kines Study Abroad**						**3.00**	
73231	PI W	LEC	601		ARR	ARR	Afonso	
Brazil								
Rio de Janeiro, Brazil								
429	**Lab Mtr Cnt Dev**						**1.00-3.00**	**ADVISORY**
71475	PI	LAB	201		ARR	ARR	Angulo-Barroso	
71476	PI	LAB	202		ARR	ARR	Ulrich	
71562	PI	LAB	203		ARR	ARR	Ulrich	
71789	PI	LAB	204		ARR	ARR	Seidler	
72091	PI	LAB	205		ARR	ARR	Brown	
73150	PI	LAB	206		ARR	ARR	Meehan	
439	**Lab Biomechanic**						**1.00-3.00**	**ADVISORY**
71706	P	LAB	201		ARR	ARR	Ferris	
71842	PI	LAB	202		ARR	ARR	Gross	
72092	PI	LAB	203		ARR	ARR	Palmieri-Smith	
72114	PI	LAB	204		ARR	ARR	McLean	
72115	PI	LAB	205		ARR	ARR	Palmer	
73256	PI	LAB	206		ARR	ARR	Gates	
449	**Lab Exer Phys**						**1.00-3.00**	**ADVISORY**
71477	PI	LAB	201		ARR	ARR	Borer	
71478	PI	LAB	202		ARR	ARR	Horowitz	
71479	PI	LAB	203		ARR	ARR	Katch	
71503	PI	LAB	204		ARR	ARR	Cartee	
71843	PI	LAB	205		ARR	ARR	Bodary	
72742	PI	LAB	206		ARR	ARR	Mendias	
519	**Spt Mgmt in Depth**						**2.00-3.00**	**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		
686	**Intern in Kines**						**1.00-6.00**	**ADVISORY**
	I	IND	+		ARR	ARR		
990	**Diss-Precand**						**1.00-8.00**	**ADVISORY**
	I	IND	+		ARR	ARR		
995	**Diss-Cand**						**4.00**	**ENFORCED**
	IR	IND	+		ARR	ARR		

Movement Science (MOVESCI)

380	**Prob in Move Sci**						**1.00-3.00**	**ADVISORY**
	I	IND	+		ARR	ARR		
382	**Honors Reading**						**1.00-3.00**	**ADVISORY**
	I	IND	+		ARR	ARR		
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**						**0.50-4.00**	**ADVISORY**
71456	PIR	LAB	201		ARR	ARR	Bodary	
72977	PI	LAB	202		ARR	ARR	Bodary	
72978	PI	LAB	203		ARR	ARR	Bodary	
72979	PI	LAB	204		ARR	ARR	Bodary	
73331	PI	LAB	205		ARR	ARR	Bodary	
429	**Lab Mtr Cnt Dev**						**1.00-3.00**	**ADVISORY**
71457	PIR	LAB	201		ARR	ARR	Angulo-Barroso	
71458	PIR	LAB	202		ARR	ARR	Ulrich	
71563	PIR	LAB	203		ARR	ARR	Ulrich	
71792	PIR	LAB	204		ARR	ARR	Seidler	
72089	PI	LAB	205		ARR	ARR	Brown	

73148	PI	LAB	206		ARR	ARR		Meehan	
439	**Lab Biomechanic**							**1.00-3.00**	**ADVISORY**
71700	PIR	LAB	201		ARR	ARR		Ferris	
71840	PIR	LAB	202		ARR	ARR		Gross	
72090	PI	LAB	203		ARR	ARR		Palmieri-Smith	
72112	PI	LAB	204		ARR	ARR		McLean	
72113	PI	LAB	205		ARR	ARR		Palmer	
73255	PI	LAB	206		ARR	ARR		Gates	
449	**Lab Exer Phys**							**1.00-3.00**	**ADVISORY**
71459	PIR	LAB	201		ARR	ARR		Borer	
71460	PIR	LAB	202		ARR	ARR		Horowitz	
71461	PIR	LAB	203		ARR	ARR		Katch	
71502	PIR	LAB	204		ARR	ARR		Cartee	
71841	PIR	LAB	205		ARR	ARR		Bodary	
72741	PI	LAB	206		ARR	ARR		Mendias	
488	**Independent Study**							**1.00-3.00**	**ADVISORY**
	I	IND	+		ARR	ARR			
490	**Sr Honors Thesis-A**							**1.00-5.00**	**ADVISORY**
	SI	IND	+		ARR	ARR			

Physical Education (PHYSED)

140	**Beginning Swim**							**1.00**	
73373	PD W	LAB	201	MW	7-8PM	ARR		Salem	

Students must register through the Kinesiology Community Programs (KCP) website (kines.umich.edu/community-programs) or in Rm 3064 CCRB and request an override. To drop/request override, contact kebwink@umich.edu.

141	**Begin Swim II**							**1.00**	**ADVISORY**
73211	PD W	LAB	201	MW	8-9PM	ARR		Salem	

Students must register through the Kinesiology Community Programs (KCP) website (kines.umich.edu/community-programs) or in Rm 3064 CCRB and request an override. To drop/request override, contact kebwink@umich.edu.

142	**Intermediate Swim**							**1.00**	
73520	PD W	LAB	201	MW	8-9PM	ARR		Thelen	

Students must register through the Kinesiology Community Programs (KCP) website (kines.umich.edu/community-programs) or in Rm 3064 CCRB and request an override. To drop/request override, contact kebwink@umich.edu.

370	**Honors Reading**							**1.00-3.00**	**ADVISORY**
	I	IND	+		ARR	ARR			
380	**Honors Research**							**1.00-3.00**	**ADVISORY**
	I	IND	+		ARR	ARR			
390	**Field Experience**							**0.50-8.00**	**ADVISORY**
	I	IND	+		ARR	ARR			
470	**Independent Study**							**1.00-3.00**	**ADVISORY**
	I	IND	+		ARR	ARR			
490	**Sr Honors Thesis**							**1.00-4.00**	**ADVISORY**
	I	IND	+		ARR	ARR			

Sport Management (SM)

290	**Field Exp SM**							**1.00-4.00**	**ADVISORY**
	I	IND	+		ARR	ARR			
370	**Honors Reading**							**1.00-3.00**	**ADVISORY**
	I	IND	+		ARR	ARR			
380	**Honors Research**							**1.00-3.00**	**ADVISORY**
	I	IND	+		ARR	ARR			
390	**Field Experience**							**0.50-4.00**	**ADVISORY**
	I	IND	+		ARR	ARR			
403	**Internship in SM**							**0.50-3.00**	**ADVISORY**
71472	PIR	LAB	201		ARR	ARR		Donahue, Phelan	
72966	PI	LAB	202		ARR	ARR		Donahue, Phelan	
72967	PI	LAB	203		ARR	ARR		Donahue, Phelan	
72968	PI	LAB	204		ARR	ARR		Donahue, Phelan	
470	**Independent Study**							**1.00-3.00**	**ADVISORY**
	I	IND	+		ARR	ARR			
490	**Sr Honors Thesis**							**1.00-2.00**	**ADVISORY**
	I	IND	+		ARR	ARR			

LSA Residential College

College of L S & A Residential College

Core Courses (RCCORE)

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

Law

Law School

Law (LAW)

900 Research **1.00-12.00** **ENFORCED**
IR IND + ARR ARR
22, 29

Literature, Science & the Arts

NOTE - IT IS CRITICAL THAT STUDENTS ATTEND CLASSES FROM THE BEGINNING OF THE TERM. EVEN THOUGH STUDENTS MAY BE REGISTERED OFFICIALLY FOR A COURSE, DEPARTMENTS MAY GIVE AWAY A STUDENT'S PLACE IN A CLASS IF THEY DO NOT ATTEND:
---THE FIRST MEETING OF BIOLOGY, CHEMISTRY, AND PHYSICS LABORATORIES;
---EITHER OF THE FIRST TWO MEETINGS OF ENGLISHCOURSES;
---THE FIRST TWO MEETINGS OF HISTORY 396 AND 397;
---EITHER OF THE FIRST TWO MEETINGS OF ANY COURSE OFFERED BY THE DEPARTMENT OF ROMANCE LANGUAGES;
--THE FIRST TWO MEETINGS OF COURSES IN OTHER SUBJECTS.
AT THE SAME TIME, DEPARTMENTS ARE NOT OBLIGATEDTO WITHDRAW STUDENTS OFFICIALLY FROM THE COURSE, EVEN THOUGH THE STUDENT HAS BEEN INFORMED THAT HIS/HER PLACE IN A COURSE HAS BEEN TAKEN AWAY. STUDENTS ARE RESPONSIBLE FOR THE ACCURACY OF THEIR SCHEDULES AND MUST BE SURE THAT ALL DROPS ARE PROCESSED THROUGH REGISTRATION SYSTEM DURING THE NORMAL DROP/ADD PERIOD.

Department of Afro-American and African Studies

Afroamerican & African Studies (AAS)

458 Black World Issues 3.00

73701	P	SEM	001	TWTH	12-2PM	ARR	Brunton

Department of American Culture

American Culture (AMCULT)

321 Pract Multicultural **3.00 ADVISORY 60.00**
71785 P W LAB 201 TTH 2-4PM ARR Fabian
Internship will be scheduled two afternoons a week for four hours.

354 Hist & Lit Rockies **3.00 675.00**
73022 PD LEC 721 ARR ARR Deloria, Crane

383 Hon Read & Thesis **2.00-3.00 ADVISORY**
IR IND + ARR ARR

388 Field Study **1.00-4.00 ADVISORY**
I IND + ARR ARR

389 Reading Amer Cult **1.00-4.00**
I IND + ARR ARR

420 Lat Amer Film **3.00 ENFORCED 35.00**
73591 P RW REC 201 TTH 10-1PM ARR Herrero-Olaizola
Cine Lat/Am: Desplaz Y Mov Soc

493 Honors Read&Thesis **1.00-3.00 ADVISORY**
IR IND + ARR ARR

899 Special Research **1.00-6.00 ADVISORY**
I IND + ARR ARR

990 Diss-Precand **1.00-8.00 ADVISORY**
IR IND + ARR ARR

995 Diss-Cand **4.00 ENFORCED**
IR IND + ARR ARR

Arab American Studies (ARABAM)

390 AMAS Internship **1.00-4.00**
I IND + ARR ARR

Latina/o American Studies (LATINOAM)

405 Topics Latina/o Stds **3.00**
73504 A LAB 202 M 5-730PM 1105 NQ Mwakasege-Minaya

420 Lat Amer Film **3.00 ENFORCED 35.00**
73592 P RW REC 201 TTH 10-1PM ARR Herrero-Olaizola
Cine Lat/Am: Desplaz Y Mov Soc

Native American Studies (NATIVEAM)

388 Field Study **1.00-4.00 ADVISORY**
I IND + ARR ARR

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**						**4.00**	**ENFORCED**
	IR	IND	+		ARR	ARR		

Anthropology,Biological (ANTHRBIO)

370	**UG Reading &Research**						**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**						**4.00**	**ENFORCED**
	IR	IND	+		ARR	ARR		

Anthropology,Cultural (ANTHRCUL)

298	**Sociocul Anth Topics**						**3.00**	
70179	P	W	LEC	201	MW	10-1PM	ARR	Sargent
Gender in the Middle East								
73473	P	W	LEC	202	MW	1-4PM	210 WH	Naidu
Anthropology of the Senses								
299	**Ling Anth Topics**						**3.00**	
73587	P	W	LEC	201	TTH	10-1PM	210 WH	Prentice
Language and Authority								
370	**Lang&Discrim**						**3.00**	
73605	P	W	LEC	101	TWTH	2-4PM	ARR	
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**						**4.00**	**ENFORCED**
	R	IND	+			ARR	ARR	

Applied Physics Program

Applied Physics (APPPHYS)

715	**Ind Research**						**1.00-5.00**	**ADVISORY**
	I	IND	+		ARR	ARR		
990	**Diss-Precand**						**1.00-8.00**	**ADVISORY**
	I	IND	+		ARR	ARR		
995	**Diss-Cand**						**4.00**	**ENFORCED**
	IR	IND	+		ARR	ARR		

Asian Languages And Cultures

Asian Studies (ASIAN)

255 UG Sem Asian Studies 3.00
73360 P W SEM 201 MW 1-4PM ARR Johnson
Budd Trad of Logic

Asian Languages (ASIANLAN)

103 Intsv 1st Yr Chinese 10.00
70221 PI W REC 201 MTWTHF 9-1230PM 3000 STB
This course is offered through the LSA Summer Language Institute. Students will register for Summer term, but the course will meet for 10-weeks, beginning June 5 to August 11, 2017. Students may register for college-credit or apply to take the course as a program fee student. Please visit the SLI website for more information: www.lsa.umich.edu/sli. Information regarding SLI 2017 will be available in early February.

127 Intsv 1st Yr Japan 10.00 ADVISORY
70305 PI W REC 201 MTWTHF 9-1230PM 4000 STB
This course is offered through the LSA Summer Language Institute. Students will register for Summer term, but the course will meet for 10-weeks, beginning June 5 to August 11, 2017. Students may register for college-credit or apply to take the course as a program fee student. Please visit the SLI website for more information: www.lsa.umich.edu/sli. Information regarding SLI 2017 will be available in early February.

203 Intsv 2nd Yr Chinese 10.00 ENFORCED
70222 PIRW REC 201 MTWTHF 9-1230PM 3304 MLB
This course is offered through the LSA Summer Language Institute. Students will register for Summer term, but the course will meet for 10-weeks, beginning June 5 to August 11, 2017. Students may register for college-credit or apply to take the course as a program fee student. Please visit the SLI website for more information: www.lsa.umich.edu/sli. Information regarding SLI 2017 will be available in early February.

227 Intsv 2nd Yr Jpn 10.00 ENFORCED
71928 PDRW REC 201 MTWTHF 9-1230PM 2106 MLB
This course is offered through the LSA Summer Language Institute. Students will register for Summer term, but the course will meet for 10-weeks, beginning June 5 to August 11, 2017. Students may register for college-credit or apply to take the course as a program fee student. Please visit the SLI website for more information: www.lsa.umich.edu/sli. Information regarding SLI 2017 will be available in early February.

Chinese (CHIN)

701 Masters Essay 1.00-3.00 ADVISORY
I IND + ARR ARR

Japanese (JAPANESE)

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

South and Southeast Asia (SSEA)

699 Directed Readings 1.00-8.00 ADVISORY
IND + ARR ARR

Astronomy Department

Astronomy (ASTRO)

102	**Intr Stars&Universe**							**4.00**	**ADVISORY**
72116	A		LEC	201	MTWTHF	11-12PM	G168 AH		
72117	P	W	DIS	202	T	1-3PM	5179 AH		
72118	P	W	DIS	203	W	1-3PM	5179 AH		
301	**Disc Universe**							**3.00**	
73568	P	W	LEC	201	MW	3-6PM	3302 MH	Lindner	
389	**Indi Studies Astro**							**1.00-3.00**	
	I		IND	+		ARR	ARR		
399	**Intro-Research**							**1.00-3.00**	
	I		IND	+		ARR	ARR		
699	**Special Problems**							**1.00-8.00**	**ADVISORY**
	I		IND	+		ARR	ARR		
901	**Res-Theoret Astro**							**1.00-8.00**	**ADVISORY**
	I		IND	+		ARR	ARR		
902	**Res-Observ Astro**							**1.00-8.00**	**ADVISORY**
	I		IND	+		ARR	ARR		
990	**Diss-Precand**							**1.00-8.00**	**ADVISORY**
	I		IND	+		ARR	ARR		
995	**Diss-Cand**							**4.00**	**ENFORCED**
	IR		IND	+		ARR	ARR		

Biology Department

Biology (BIOLOGY)

171	**Intro Biology: EEB**						**4.00**		
72725	A W	LEC	201	TTH	1230-2PM	1210 CHEM	Kurdziel		
171	**Intro Biology: EEB**						**4.00**		
	A W	LEC	201	TTH	3-430PM	1210 CHEM			
171	**Intro Biology: EEB**						**4.00**		
72726	P W	DIS	202	MW	10-1130AM	ARR			
72727	P W	DIS	203	TTH	10-1130AM	1628 CHEM			
172	**Intro Biol - MCDB**						**4.00**	**ADVISORY**	
72646	A	LEC	201	TWTH	12-2PM	2260 USB	Wood		
72647	P W	DIS	202	TTH	10-1130AM	2234 USB			
72648	P W	DIS	203	TTH	230-4PM	2234 USB			
72743	P W	DIS	204	WF	10-1130AM	2234 USB			
173	**Intro Biol Lab**						**2.00**	**ADVISORY, ENFORCED**	**68.00**
73617	S RW	LEC	201	MW	9-10AM	ARR	Ammerlaan		
73618	P RW	LAB	202	MW	10-1PM	2114 USB			
73620	P RW	LAB	203	MW	2-5PM	2114 USB			
197	**Science Writing**						**4.00**		
73692	PD	LEC	201	MTWTH	130-3PM	ARR	Carpenter		
73697	PD	LEC	202	MTWTH	130-3PM	ARR	Luna Cancalon		
200	**Undergrad Tutorial**						**1.00-3.00**	**ADVISORY**	
	I	IND	+		ARR	ARR			
225	**Human & Animal Phys**						**3.00**	**ADVISORY, ENFORCED**	
72649	P RW	LEC	201	TWTH	9-11AM	2260 USB	Pavgi		
305	**Genetics**						**3.00**	**ADVISORY, ENFORCED**	
72687	A R	LEC	201	MTW	10-12PM	1400 CHEM	Haenfler		
72689	P RW	DIS	202	MW	9-10AM	2234 USB			
72688	P RW	DIS	203	MW	1-2PM	1632 CHEM			
72950	P RW	DIS	204	MW	2-3PM	1632 CHEM			
73403	P RW	DIS	205	MW	3-4PM	2212 MLB			

Biophysics Research Division

Biophysics (BIOPHYS)

399	**Research Biophysics**					**1.00-4.00**		
	D	IND	+		ARR	ARR		
890	**Intro to Research**					**3.00**	**ADVISORY**	
	I	IND	+		ARR	ARR		
990	**Diss-Precand**					**1.00-8.00**	**ADVISORY**	
	I	IND	+		ARR	ARR		
995	**Diss-Cand**					**4.00**	**ENFORCED**	
	IR	IND	+		ARR	ARR		

Chemistry Department

Chemistry (CHEM)

125 Gen Chem Lab I 1.00 ADVISORY 100.00
72650 A LEC 200 MW 12-1PM 1210 CHEM Poniatowski
Students enrolling in CHEM 125, must also enroll themselves in CHEM 126.

Any questions regarding enrolling for this course should be directed to the Chemistry Student Services Office at chemundergrad@umich.edu.
72651 P R DIS 210 MW 1-2PM A706 CHEM
72652 A LAB 211 MW 2-4PM A706 CHEM
72653 P DIS 212 MW 1-2PM A712 CHEM
72654 A LAB 213 MW 2-4PM A712 CHEM
73381 P DIS 214 MW 1-2PM A718 CHEM
-
73382 A LAB 215 MW 2-4PM A718 CHEM
-

126 Gen Chem Lab II 1.00 ADVISORY
72655 P LEC 200 ARR ARR Poniatowski
CHEM 126 must be taken in conjunction with CHEM 125; this is not a stand-alone course. CHEM 126 has the same meeting time and location as CHEM 125.

Any questions regarding enrolling for this course should be directed to the Chemistry Student Services Office at chemundergrad@umich.edu.

130 G Chem Invst&R Prin 3.00 ADVISORY
72656 A LEC 200 MWF 9-11AM 1210 CHEM
Any questions regarding enrolling for this course should be directed to the Chemistry Student Services Office at chemundergrad@umich.edu.
72657 P DIS 201 TTH 10-11AM 1632 CHEM
-
72658 P R DIS 202 TTH 10-11AM 1636 CHEM
72659 P DIS 203 TTH 11-12PM 1632 CHEM
72660 P DIS 204 TTH 11-12PM 1636 CHEM

218 Ind Study Biochem 1.00 ADVISORY
I IND + ARR ARR

219 Ind Study Chem 1.00 ADVISORY
I IND + ARR ARR

398 Ugrad Res Biochem 1.00-4.00 ADVISORY
I IND + ARR ARR

399 Ugrad Res Chem 1.00-4.00 ADVISORY
I IND + ARR ARR

498 Ugrad Thesis Biochm 1.00 ADVISORY
I IND + ARR ARR

499 Ugrad Thesis Chem 1.00 ADVISORY
I IND + ARR ARR

895 Research in Chem 1.00-8.00 ADVISORY
I IND + ARR ARR

990 Diss-Precand 1.00-8.00 ADVISORY
IND + ARR ARR

995 Diss-Cand 4.00 ENFORCED
R IND + ARR ARR

Classical Studies Department

Classical Archaeology (CLARCH)

497 Prac Field Arch **1.00-3.00** **ADVISORY**
IND + ARR ARR
499 Supervised Reading **1.00-3.00**
I IND + ARR ARR
599 Supervised Study **1.00-4.00** **ADVISORY**
I IND + ARR ARR
990 Diss-Precand **1.00-8.00** **ADVISORY**
I IND + ARR ARR
995 Diss-Cand **4.00** **ENFORCED**
IR IND + ARR ARR

Classical Civilization (CLCIV)

499 Supervised Reading **1.00-3.00** **ADVISORY**
I IND + ARR ARR

Greek (GREEK)

499 Supervised Reading **1.00-4.00**
I IND + ARR ARR
599 Directed Reading **1.00-4.00** **ADVISORY**
I IND + ARR ARR
990 Diss-Precand **1.00-8.00** **ADVISORY**
I IND + ARR ARR
995 Diss-Cand **4.00** **ENFORCED**
IR IND + ARR ARR

Modern Greek (GREEKMOD)

499 Supervised Reading **1.00-3.00** **ADVISORY**
I IND + ARR ARR

Great Books (GTBOOKS)

201 Great Books **4.00**
70281 P W REC 201 MTWTH 12-2PM 7603 HH Alvarez
Ancient Origins of the Present

Latin (LATIN)

499 Supervised Reading **1.00-4.00**
I IND + ARR ARR
504 Intensive Latin **6.00**
71964 PI W REC 201 MTWTH 9-12PM 2163 AH
599 Supv Read Lat Lit **1.00-4.00**
I IND + ARR ARR
990 Diss-Precand **1.00-8.00** **ADVISORY**
I IND + ARR ARR
995 Diss-Cand **4.00** **ENFORCED**
IR IND + ARR ARR

Communication Studies

Communication Studies (COMM)

101	**The Mass Media**							**4.00**	**ENFORCED**
73353	A R	LEC	201	MTW	10-12PM	LEC RM 2 MLB	Iftkhar		
73354	P RW	DIS	202	F	10-12PM	1110 NQ			
73575	P RW	DIS	203	F	12-2PM	1110 NQ			
404	**Media & Comm Topics**							**3.00**	**ADVISORY**
73577	P W	LEC	201	TWTH	12-2PM	1110 NQ	Brunton		

Black by Popular Demand
Meets with AAS 258.201.

408	**Media Effects Topics**							**3.00**	**ADVISORY**
73158	P RW	LEC	201	TWTH	2-4PM	1110 NQ	Wenhold		

Media Influence and Celebrity
.

Comparative Literature Program

Comparative Literature (COMPLIT)

122 Writing World Lits **4.00**
72666 P W REC 201 MW 1-4PM 2024 TISCH Schwartz
Learning Spaces,Learned Bodies

382 Lit&Other Arts **3.00**
73456 P SEM 201 TTH 9-12PM 2024 TISCH Herwitz
Mod Lit: Film, Music, Painting

496 Honors Thesis **3.00** **ADVISORY**
IR IND + ARR ARR

498 Directed Reading **1.00-4.00**
I IND + ARR ARR

698 Directed Reading **1.00-4.00** **ADVISORY**
I IND + ARR ARR

990 Diss-Precand **1.00-8.00** **ADVISORY**
I IND + ARR ARR

995 Diss-Cand **4.00** **ENFORCED**
R IND + ARR ARR

Comprehensive Studies Program

Comprehensive Studies Program (CSP)

100	**CSP Reading Sem**						**3.00**		**45.00**
BY PERMISSION OF CSP ONLY.									
70228	P R	SEM	201	MWF	2-4PM	G115 AH	DeBacker		
70229	P R	SEM	202	MWF	2-4PM	G228 AH	Garcia		
70230	P R	SEM	203	MWF	2-4PM	2234 USB	Lopez Jr		
72145	P R	SEM	204	MWF	2-4PM	1105 NQ	Mickey		
70231	P R	SEM	205	MWF	2-4PM	1636 CHEM	Naylor		
70232	P R	SEM	206	MWF	2-4PM	G232 AH	Townsel		
72146	P R	SEM	207	MWF	2-4PM	2412 MLB	Stillman		
71904	P R	SEM	208	MWF	2-4PM	2022 STB	Whittier-Ferguson		
72958	P R	SEM	209	MWF	2-4PM	1372 EH	Zeisberg		
72072	P R	SEM	210	MWF	2-4PM	2202 MLB	Matich, Fontenot		
72959	P R	SEM	211	MWF	2-4PM	271 WEISER	Winston		
73632	P	SEM	212	MWF	2-4PM	ARR			
103	**Intermed Algebra**						**2.00**	**ADVISORY**	
BRIDGE PROGRAM STUDENTS ONLY.									
73214	P R	LEC	201	MTWTH	830-10AM	1060 EH	Collins		
73215	P R	LEC	202	MTWTH	830-10AM	G232 AH	Horvath		
BRIDGE PROGRAM STUDENTS ONLY.									
73216	P R	LEC	203	MTWTH	830-10AM	1372 EH	Khumbah		
BRIDGE PROGRAM STUDENTS ONLY									
73217	P R	LEC	204	MTWTH	830-10AM	1624 CHEM	McGee		
BRIDGE PROGRAM STUDENTS ONLY									
73218	P R	LEC	205	MTWTH	830-10AM	1084 EH	Ngunkeng		
BRIDGE PROGRAM STUDENTS ONLY.									
73219	P R	LEC	206	MTWTH	830-10AM	173 LORCH			
BRIDGE PROGRAM STUDENTS ONLY									
73220	P R	LEC	207	MTWTH	830-10AM	2866 EH	Lee		
BRIDGE PROGRAM STUDENTS ONLY									
73221	P R	LEC	208	MTWTH	830-10AM	373 LORCH	Iaderosa		
BRIDGE PROGRAM STUDENTS ONLY									
73222	P R	LEC	209	MTWTH	830-10AM	1636 CHEM	Randolph		
BRIDGE PROGRAM STUDENTS ONLY.									
73223	P R	LEC	210	MTWTH	830-10AM	171 LORCH	Hembree		
BRIDGE PROGRAM STUDENTS ONLY									
73224	P R	LEC	211	MTWTH	830-10AM	471 LORCH	Herrera		
BRIDGE PROGRAM STUDENTS ONLY									
73225	P R	LEC	212	MTWTH	830-10AM	1068 EH	Farokhrani		
BRIDGE PROGRAM STUDENTS ONLY									
73226	P R	LEC	213	MTWTH	830-10AM	2202 MLB	Williamson		
73227	PDR	LEC	214	MTWTH	830-10AM	ARR			
73228	PDR	LEC	215	MTWTH	830-10AM	268 WEISER	Marzec		
BRIDGE PROGRAM STUDENTS ONLY									
73685	PD	LEC	216	MTWTH	830-10AM	ARR			
73686	PD	LEC	217	MTWTH	830-930AM	ARR			
104	**Mathematical Thinking**						**2.00**	**ADVISORY**	
73238	P R	LEC	201	MTWTH	830-10AM	B860G EH	Lee		
BRIDGE PROGRAM STUDENTS ONLY									
73239	P R	LEC	202	MTWTH	830-10AM	G228 AH			
BRIDGE PROGRAM STUDENTS ONLY									
105	**Read&Writ Sem**						**4.00**		
73400	P	LEC	201	MWF	10-12PM	G228 AH	Allen		
This class is for CSP Summer Bridge Students only.									

English Language Institute

English Language Institute (ELI)

389 Intensive English 0.00

70262 PI W LEC 201 MTWTHF 9-1030AM 1096 EH
Sections 201 - 210 & 212 reserved for EAP program
70263 PI W LEC 202 MTWTHF 9-1030AM G168 AH Reilly
Sections 201 - 210 & 212 reserved for EAP program
70264 PI W LEC 203 MTWTHF 1030-12PM 1096 EH Pingel
Sections 201 - 210 & 212 reserved for EAP program
71960 PI W LEC 204 MTWTHF 1030-12PM 1060 EH Lewis
Sections 201 - 210 & 212 reserved for EAP program
71961 PI W LEC 205 MTWTHF 1-230PM B830 EQ O'Connor
Sections 201 - 210 & 212 reserved for EAP program
71962 PI W LEC 206 MTWTHF 1-230PM B834 EQ Bertoni
Sections 201 - 210 & 212 reserved for EAP program
71963 PI W LEC 207 MTWTHF 9-430PM ARR Jou
Sections 201 - 210 & 212 reserved for EAP program
71987 PI W LEC 208 MTWTHF 9-430PM ARR
Sections 201 - 210 & 212 reserved for EAP program
71988 PI W LEC 209 MTWTHF 9-430PM ARR
Sections 201 - 210 & 212 reserved for EAP program
72987 PI W LEC 210 MTWTHF 9-430PM ARR
Sections 201 - 210 & 212 reserved for EAP program
71989 PI W LEC 211 MTWTHF 9-5PM ARR Danek
Sections 211, 213 - 216 reserved for EBS program
71990 PI W LEC 212 MTWTHF 9-430PM ARR Imber
Sections 201 - 210 & 212 reserved for EAP program
71991 PI W LEC 213 MTWTHF 9-5PM ARR Green
Sections 211, 213 - 216 reserved for EBS program
72036 PI W LEC 214 MTWTHF 9-5PM ARR Hartge
Sections 211, 213 - 216 reserved for EBS program
72037 PI W LEC 215 MTWTHF 9-5PM ARR
Sections 211, 213 - 216 reserved for EBS program
72988 PI W LEC 216 ARR ARR
Sections 211, 213 - 216 reserved for EBS program
71992 PI W LEC 221 MTWTHF 9-4PM 1070 LSSH Matice
Sections 221 - 224 reserved for ELS program
71993 PI W LEC 222 MTWTHF 830-4PM ARR Hildinger
Sections 221 - 224 reserved for ELS program
71994 PI W LEC 223 MTWTHF 830-4PM ARR Birnbaum
Sections 221 - 224 reserved for ELS program
72637 PI W LEC 224 MTWTHF 830-4PM ARR Lewis
Sections 221 - 224 reserved for ELS program

399 Indiv Res Study 1.00-4.00 ADVISORY

IND + ARR ARR

599 Indiv Research 1.00-3.00

D IND + ARR ARR

English Language & Literature Dept

English Language And Literature (ENGLISH)

125 Writing&Academic Inq 4.00
70248 P W REC 201 MWF 1-3PM 2271 AH
Englsh 125 will be set to instructor consent after the first class meeting.
71708 P W REC 202 TWTH 10-12PM 4207 AH
Englsh 125 will be set to instructor consent after the first class meeting.
72076 P W REC 203 MWF 10-12PM G144 AH
Englsh 125 will be set to instructor consent after the first class meeting.
72661 P W REC 204 TWTH 9-11AM G026 TISCH
Politics,Ethics,&GenFoodQuandr
Englsh 125 will be set to instructor consent after the first class meeting.
73258 P W REC 205 TWTH 12-2PM 4207 AH
Englsh 125 will be set to instructor consent after the first class meeting.
71784 P RW REC 206 MWF 10-12PM 1512 EQ
Only open to CSP Bridge students.
71657 P RW REC 207 MWF 10-12PM 7603 HH
Only open to CSP Bridge students.
71996 P RW REC 208 MWF 10-12PM 2202 MLB
Open only to CSP Bridge students
70249 P RW REC 209 MWF 10-12PM 1506 EQ
Open only to CSP Bridge students
72086 P RW REC 210 MWF 10-12PM G160 AH Story
Only open to CSP Summer Bridge Students
72140 P RW REC 211 MWF 10-12PM 1507 EQ
Open only to CSP Summer Bridge students
70250 P RW REC 212 MWF 10-12PM 2271 AH
Only open to CSP Bridge students.
72768 P RW REC 213 MWF 10-12PM 1508 EQ
Open only to CSP Summer Bridge students
73304 P RW REC 214 MWF 10-12PM 1511 EQ
Open only to CSP Summer Bridge students
73542 P RW REC 215 MWF 10-12PM 1505 EQ
298 Intro to Lit Studies 3.00
72732 P W REC 201 TTH 1-4PM 2271 AH Norich
312 Hist & Lit Rockies 3.00 675.00
73023 PD LEC 721 ARR ARR Deloria, Crane
317 Literature&Culture 3.00 438.00
73601 P W LEC 201 MW 1-4PM ARR Norich
321 Internship 1.00 ADVISORY
SD IND + ARR ARR
325 Art of the Essay 3.00 ADVISORY
70253 P W SEM 201 MW 3-6PM 2271 AH
70254 P W SEM 202 TTH 1-4PM G026 TISCH Chamberlin
72754 P W SEM 203 MW 10-1PM 4199 AH
329 Environ Writing &Lit 5.00
73300 PD REC 201 TF 8-5PM ARR Taylor
OFFERED ONLY AT THE BIOLOGICAL STATION. ENROLLMENT BY PERMISSION OF STAFF IN THE BIOL. STATION OFFICE, 2541 CHEM
367 Shakespeare Plays 3.00 90.00
73233 P W LEC 201 TTH 9-12PM 1359 MH Trevor
426 Directed Writing 1.00-4.00 ADVISORY
SD IND + ARR ARR

Earth and Environmental Sciences

Earth and Environmental Sciences (EARTH)

107 Volcano&Earthquakes 1.00
73358 P W LEC 201 TTH 3-5PM 1528 CCL Ruff
Half-term course. Meets June 30-July 21, final exam on July 21. Drop/add deadline July 6 by 5pm.

116 Intro Field Geol 5.00 *.****
71839 PD LEC 711 ARR CAMP DAVIS Ritsema, Gleason
FIELD COURSE IN JACKSON HOLE, WYOMING. Cannot be taken Pass/Fail. Camp Davis application required in addition to regular registration. See web site at http://lsa.umich.edu/earth/camp-davis.html
73020 PD LEC 712 ARR CAMP DAVIS Gleason, Ritsema
FIELD COURSE IN JACKSON HOLE, WYOMING. Cannot be taken Pass/Fail. Camp Davis application required in addition to regular registration. See web site at http://lsa.umich.edu/earth/camp-davis.html

118 Intro Geology Lab 1.00 ADVISORY
73159 P W LAB 201 MW 1-3PM 2512 CCL Lohmann
EARTH 119 must be taken previously or concurrently with the EARTH 118 Lab.
73160 PD LAB 202 TTH 1-3PM 2512 CCL Lohmann
EARTH 119 must be taken previously or concurrently with the EARTH 118 Lab.

119 Intro Geology 3.00 ADVISORY
73156 P W LEC 201 MW 10-1PM 1528 CCL Lohmann
Offered without discussion section for 3 credits during Spring or Summer half-term.

147 Natural Hazards 3.00 ADVISORY
73357 P W SEM 201 TTH 10-1PM 3540 CCL Ruff

202 Intro Earth Env Sci 5.00 *.****
73006 PD LEC 711 ARR CAMP DAVIS Poulsen, Dick
FIELD COURSE IN JACKSON HOLE, WYOMING. Cannot be taken Pass/Fail. Camp Davis application required in addition to regular registration. See web site at http://lsa.umich.edu/earth/camp-davis.html
73007 PD LEC 712 ARR CAMP DAVIS Dick, Poulsen
FIELD COURSE IN JACKSON HOLE, WYOMING. Cannot be taken Pass/Fail. Camp Davis application required in addition to regular registration. See web site at http://lsa.umich.edu/earth/camp-davis.html

299 Ind Study EARTH 1.00-6.00
SI IND + ARR ARR

309 GIS Explorations 3.00 ADVISORY
73581 PD LEC 731 ARR ARR

436 Fld Std-Strat&Paleo 1.00-2.00 ADVISORY
73433 PIR LEC 015 ARR ARR Lohmann
Geology of SE US & Florida

440 Geol Field Methods 5.00 ADVISORY *.****
70271 PD LEC 711 ARR CAMP DAVIS Niemi, Geissman
FIELD COURSE IN JACKSON HOLE, WYOMING. Cannot be taken Pass/Fail. Camp Davis application required in addition to regular registration. See web site at http://lsa.umich.edu/earth/camp-davis.html
73005 PD LEC 712 ARR CAMP DAVIS Geissman, Niemi
FIELD COURSE IN JACKSON HOLE, WYOMING. Cannot be taken Pass/Fail. Camp Davis application required in addition to regular registration. See web site at http://lsa.umich.edu/earth/camp-davis.html
73355 PD LEC 713 ARR CAMP DAVIS Clark, Lange
FIELD COURSE IN JACKSON HOLE, WYOMING. Cannot be taken Pass/Fail. Camp Davis application required in addition to regular registration. See web site at http://lsa.umich.edu/earth/camp-davis.html
73356 PD LEC 714 ARR CAMP DAVIS Lange, Clark
FIELD COURSE IN JACKSON HOLE, WYOMING. Cannot be taken Pass/Fail. Camp Davis application required in addition to regular registration. See web site at http://lsa.umich.edu/earth/camp-davis.html

450 Ecosyst Sci Rockies 5.00 ADVISORY, ENFORCED *.****
70272 PDR LEC 711 ARR CAMP DAVIS Sheldon, Smith
FIELD COURSE IN JACKSON HOLE, WYOMING. Cannot be taken Pass/Fail. Camp Davis application required in addition to regular registration. See web site at http://lsa.umich.edu/earth/camp-davis.html
73004 PDR LEC 712 ARR CAMP DAVIS Smith, Sheldon
FIELD COURSE IN JACKSON HOLE, WYOMING. Cannot be taken Pass/Fail. Camp Davis application required in addition to regular registration. See web site at http://lsa.umich.edu/earth/camp-davis.html
73525 PDR LEC 721 ARR CAMP DAVIS Blum, Zak
FIELD COURSE IN JACKSON HOLE, WYOMING. Cannot be taken Pass/Fail. Camp Davis application required in addition to regular registration. See web site at http://lsa.umich.edu/earth/camp-davis.html
73526 PDR LEC 722 ARR CAMP DAVIS Zak, Blum
FIELD COURSE IN JACKSON HOLE, WYOMING. Cannot be taken Pass/Fail. Camp Davis application required in addition to regular registration. See web site at http://lsa.umich.edu/earth/camp-davis.html

490 Geol Honors 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 ADVISORY
SI IND + ARR ARR

990 Diss-Precand 1.00-4.00 ADVISORY
SI IND + ARR ARR

995 Diss-Cand 4.00 ENFORCED
SIR IND + ARR ARR

Ecology & Evolutionary Biology

Ecology and Evolutionary Biology (EEB)

300 Undergrad Research **1.00-3.00** **ADVISORY**
I IND + ARR ARR
321 Rivs,Lakes,Wetlands **5.00** **ADVISORY**
73496 PD LAB 711 MTH 8-5PM ARR Schrank
348 Forest Ecosystems **5.00** **ADVISORY**
OFFERED ONLY AT THE BIOLOGICAL STATION. ENROLLMENT BY PERMISSION OF STAFF IN THE BIOL. STATION OFFICE, 2541 CHEM.
71965 PD W LAB 711 TF 8-5PM BIOL STAT Witt
381 General Ecology **5.00** **ADVISORY** **50.00**
72945 PD W LAB 711 MTH 8-5PM BIOL STAT Del Toro
OFFERED ONLY AT THE BIOLOGICAL STATION. ENROLLMENT BY PERMISSION OF STAFF IN THE BIOL. STATION OFFICE, 2541 CHEM.
72946 PD W LAB 712 WSA 8-5PM BIOL STAT Pillsbury
OFFERED ONLY AT THE BIOLOGICAL STATION. ENROLLMENT BY PERMISSION OF STAFF IN THE BIOL. STATION OFFICE, 2541 CHEM.
392 Evolution **5.00** **ADVISORY**
73491 PD W LAB 711 WSA 8-5PM BIOL STAT Price
OFFERED ONLY AT THE BIOLOGICAL STATION. ENROLLMENT BY PERMISSION OF STAFF IN THE BIOL. STATION OFFICE, 2541 CHEM.
400 Advanced Research **1.00-3.00** **ADVISORY**
I IND + ARR ARR
443 Biology of Insects **5.00** **ADVISORY**
73493 PD W LAB 711 MTH 8-5PM BIOL STAT Scholtens
OFFERED ONLY AT THE BIOLOGICAL STATION. ENROLLMENT BY PERMISSION OF STAFF IN THE BIOL. STATION OFFICE, 2541 CHEM.
457 Algae in Fresh Water **5.00** **ADVISORY**
73299 PD W LAB 711 WSA 8-5PM BIOL STAT Lowe, Kociolek
OFFERED ONLY AT THE BIOLOGICAL STATION. ENROLLMENT BY PERMISSION OF STAFF IN THE BIOL. STATION OFFICE, 2541 CHEM.
482 Freshwater Ecosystem **5.00** **ADVISORY, ENFORCED**
73479 PDRW LAB 711 MTH 8-5PM BIOL STAT Moore
OFFERED ONLY AT THE BIOLOGICAL STATION. ENROLLMENT BY PERMISSION OF STAFF IN THE BIOL. STATION OFFICE, 2541 CHEM.
486 Biol&Ecol Fish **5.00** **ADVISORY**
73606 PD W LAB 711 TF 8-5PM BIOL STAT Webb, Meade, Slavik
OFFERED ONLY AT THE BIOLOGICAL STATION. ENROLLMENT BY PERMISSION OF STAFF IN BIOL. STATION OFFICE. 2541 CHEM.
556 Field Botany **5.00** **ADVISORY**
72947 PD W LAB 711 TF 8-5PM BIOL STAT Reznicek, Davis
OFFERED ONLY AT THE BIOLOGICAL STATION. ENROLLMENT BY PERMISSION OF STAFF IN THE BIOL. STATION OFFICE, 2541 CHEM.
601 Investigate Biology **1.00-8.00** **ADVISORY**
I IND + ARR ARR
700 Advanced Studies **1.00-8.00** **ADVISORY**
I IND + ARR ARR
730 Advanced Studies **1.00-8.00** **ADVISORY**
SI IND + ARR ARR
755 Special Studies **1.00-16.00** **ADVISORY**
SI IND + ARR ARR
801 Supervised Teaching **1.00-2.00** **ADVISORY**
I IND + ARR ARR
990 Diss-Precand **1.00-8.00** **ADVISORY**
I IND + ARR ARR
995 Diss-Cand **4.00** **ENFORCED**
R IND + ARR ARR

Economics Department

Economics (ECON)

101	**Principles Econ I**						**3.00**	**ADVISORY**
72051	P	LEC	202	MWF	9-11AM	142 LORCH		
102	**Principles Econ II**						**3.00**	**ADVISORY**
70243	P	LEC	201	TTH	9-12PM	1650 CHEM	Dudley	
370	**Environ&Res Econ**						**3.00**	**ENFORCED**
73283	P R	LEC	201	MW	9-12PM	1650 CHEM	Dudley	
396	**Topics in Macroecon**						**3.00**	**ENFORCED**
73365	P R	LEC	201	TTH	10-1PM	B844 EH	Cho	
Financial Markets&the Macro Ec								
402	**Intermed Macro Thry**						**4.00**	**ADVISORY, ENFORCED**
73377	A R	LEC	201	TWTH	10-12PM	1300 CHEM	De Arcangelis	
73378	P R	DIS	202	F	10-12PM	373 LORCH		
73379	P R	DIS	203	F	1-3PM	373 LORCH		
485	**Law & Economics**						**3.00**	**ENFORCED**
73294	P R	LEC	201	TTH	130-430PM	ARR	Cho	
499	**Individual Research**						**1.00-4.00**	**ADVISORY**
	I	IND	+		ARR	ARR		
599	**Special Tutorial**						**1.00-3.00**	**ADVISORY**
	I	IND	+		ARR	ARR		
700	**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**						**4.00**	**ENFORCED**
	R	IND	+		ARR	ARR		

Program in the Environment

Environment (ENVIRON)

116 Intro Field Geol **5.00** *****.****
71959 PD LEC 711 ARR CAMP DAVIS Ritsema, Gleason
FIELD COURSE IN JACKSON HOLE, WYOMING. Cannot be taken Pass/Fail. Camp Davis application required in addition to regular registration. See web site at http://www.lsa.umich.edu/earth/campdavis/
73021 PD LEC 712 ARR CAMP DAVIS Gleason, Ritsema
FIELD COURSE IN JACKSON HOLE, WYOMING. Cannot be taken Pass/Fail. Camp Davis application required in addition to regular registration. See web site at http://www.lsa.umich.edu/earth/campdavis/

118 Intro Geology Lab **1.00** **ADVISORY**
73161 P W LAB 201 MW 1-3PM 2512 CCL Lohmann
EARTH 119 must be taken previously or concurrently with the EARTH 118 Lab.
73162 PD LAB 202 TTH 1-3PM 2512 CCL Lohmann
EARTH 119 must be taken previously or concurrently with the EARTH 118 Lab.

119 Intro Geology **3.00** **ADVISORY**
73157 P W LEC 201 MW 10-1PM 1528 CCL Lohmann
Offered without discussion section for 3 credits during Spring or Summer half-term.

202 Intro Earth Env Sci **5.00** *****.****
73285 PD LEC 711 ARR CAMP DAVIS Poulsen, Dick
FIELD COURSE IN JACKSON HOLE, WYOMING. Cannot be taken Pass/Fail. Camp Davis application required in addition to regular registration. See web site at http://www.lsa.umich.edu/earth/campdavis/
73286 PD LEC 712 ARR CAMP DAVIS Dick, Poulsen
FIELD COURSE IN JACKSON HOLE, WYOMING. Cannot be taken Pass/Fail. Camp Davis application required in addition to regular registration. See web site at http://www.lsa.umich.edu/earth/campdavis/

300 Spec Prob&Res-Ugrad **1.00-4.00**
IND + ARR ARR

309 GIS Explorations **3.00** **ADVISORY**
73580 PD LEC 731 ARR ARR

329 Environ Writing &Lit **5.00**
73301 PD REC 711 TF 8-5PM ARR Taylor

331 Rivs,Lakes,Wetlands **5.00** **ADVISORY**
73495 PD LAB 711 MTH 8-5PM ARR Schrank
Offered only at the Biological Station. Enrollment by permission of staff in Biological Station office, 2541 Chemistry Bldg

348 Forest Ecosystems **5.00** **ADVISORY**
OFFERED ONLY AT THE BIOLOGICAL STATION IN PELLSTON, MICHIGAN.
71966 PD W LAB 711 TF 8-5PM BIOL STAT Witt

354 Hist & Lit Rockies **3.00** **675.00**
73024 PD LEC 721 ARR ARR Deloria, Crane

375 Environ&Res Econ **3.00** **ENFORCED**
73284 P R LEC 201 MW 9-12PM 1650 CHEM Dudley

377 Lit&Environment **3.00**
71968 PD LEC 721 ARR ARR
FIELD COURSE TAUGHT IN JACKSON HOLE, WY. FOR ENROLLMENT AND REGISTRATION INFORMATION CONTACT campdavis@umich.edu.

381 General Ecology **5.00** **ADVISORY** **50.00**
72948 PD W LAB 711 MTH 8-5PM BIOL STAT Del Toro
72949 PD W LAB 712 WSA 8-5PM BIOL STAT Pillsbury

398 Env Internship Prog **1.00-3.00**
I IND + ARR ARR

450 Ecosyst Sci Rockies **5.00** **ADVISORY, ENFORCED** *****.****
71791 PDR LEC 711 ARR CAMP DAVIS Sheldon, Smith
FIELD COURSE IN JACKSON HOLE, WYOMING. Cannot be taken Pass/Fail. Camp Davis application required in addition to regular registration. See web site at http://www.lsa.umich.edu/earth/campdavis/
73010 PDR LEC 712 ARR CAMP DAVIS Smith, Sheldon
FIELD COURSE IN JACKSON HOLE, WYOMING. Cannot be taken Pass/Fail. Camp Davis application required in addition to regular registration. See web site at http://www.lsa.umich.edu/earth/campdavis/
73527 PDR LEC 721 ARR CAMP DAVIS Blum, Zak
FIELD COURSE IN JACKSON HOLE, WYOMING. Cannot be taken Pass/Fail. Camp Davis application required in addition to regular registration. See web site at http://www.lsa.umich.edu/earth/campdavis/
73528 PDR LEC 722 ARR CAMP DAVIS Zak, Blum
FIELD COURSE IN JACKSON HOLE, WYOMING. Cannot be taken Pass/Fail. Camp Davis application required in addition to regular registration. See web site at http://www.lsa.umich.edu/earth/campdavis/

499 Senior Honors Thesis **1.00-6.00** **ADVISORY**
I IND + ARR ARR

Exhibit Museum

Museum Methods (MUSMETH)

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

Germanic Languages & Lit Dept

Dutch (DUTCH)

339	**Independent Study**					**2.00-4.00**	
	I	IND +		ARR	ARR		

German (GERMAN)

230	**Intens 2nd Yr Ger**					**8.00**	**ADVISORY**
70276	P W	REC 201	MTWTH	10-12PM	3310 MLB		
230	**Intens 2nd Yr Ger**					**8.00**	**ADVISORY**
	P W	REC 201	MTWTH	1-3PM	3310 MLB		
232	**Second-Year**					**4.00**	**ADVISORY**
71921	P W	REC 201	TWTHF	10-12PM	ARR		
Intro to German Film							
329	**Independent Study**					**1.00-4.00**	
	I	IND +		ARR	ARR		
379	**Sports, Pol, Society**					**3.00**	**ADVISORY**
73583	P	LEC 001	TTH	2-5PM	ARR	Markovits	
902	**Directed Reading**					**1.00-8.00**	**ADVISORY**
	I	IND +		ARR	ARR		
990	**Diss-Precand**					**1.00-8.00**	**ADVISORY**
	I	IND +		ARR	ARR		
995	**Diss-Cand**					**4.00**	**ENFORCED**
	IR	IND +		ARR	ARR		

History Department

History (HISTORY)

301	**Disc Universe**					**3.00**		
73567	P W	LEC 201	MW	3-6PM	3302 MH	Lindner		
320	**Britain 1901-1939**					**3.00**		
73607	P W	LEC 201	TWTH	10-12PM	G040 TISCH	Israel		
328	**HU History Topics**					**3.00**		
72729	PD	LEC 721		ARR	ARR	Deloria, Crane		
Hist & Lit of Rocky Mountains								
Course fee required prior to enrollment. For enrollment and registration information please email campdavis@umich.edu.								
329	**SS History Topics**					**3.00**		
73246	P W	LEC 202	MW	1-4PM	4211 AH	Hernandez		
Space&Identity in Lat Am Hist								
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			
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**					**4.00**	**ENFORCED**	
	IR	IND +		ARR	ARR			

History Of Art Department

History of Art (HISTART)

299 Experiential Study **1.00-3.00**
I IND + ARR ARR

393 Undergrad Seminar **3.00** **ADVISORY**
73589 P W SEM 201 TTH 10-1PM 180 TAP Gomez
Art/Arch Colonial LatinAmerica

394 Special Topics **3.00**
73361 P W LEC 201 MW 1-4PM 180 TAP Herwitz
Mod/Cont Art GlobalPerspective

399 Independent Study **1.00-3.00**
SI IND + ARR ARR

600 Independent Study **1.00-3.00** **ADVISORY**
IR IND + ARR ARR

700 Independent Res **1.00-3.00** **ADVISORY**
IR IND + ARR ARR

990 Diss-Precand **1.00-8.00** **ADVISORY**
IR IND + ARR ARR

995 Diss-Cand **4.00** **ENFORCED**
R IND + ARR ARR

Museums (MUSEUMS)

409 Museum Std Pract **3.00** **ENFORCED**
IRW IND + ARR ARR

499 Ind Study Museums **1.00-4.00** **ADVISORY**
D IND + ARR ARR

Honors Program

College Honors (HONORS)

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

Judaic Studies Program

Judaic Studies (JUDAIC)

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

College of Literature, Science, and the Arts

Geography (GEOG)

145 Int to Intnl Studies 3.00

73376 P W LEC 201 MTWTH 1130-1PM G115 AH Marcum

Introduction to Intnl Studies

LS&A First Year Seminars

Applied Liberal Arts (ALA)

225 Undergrad Internship 1.00
73487 PD LEC 201 ARR ARR Pariano
For information, please contact Ben Anderson, LSA Internship Course Coordinator, at lsainternships@umich.edu.

323 IGR Directed Study 1.00-4.00 ADVISORY
IND + ARR ARR

University Courses (UC)

170 UC Special Topics 3.00
73517 PI LEC 208 MTWTH 8-9AM 260 WEISER
Case Studies in Interdisc Sci
73518 PI LEC 209 MTWTH 8-9AM ARR
Case Studies in Interdisc Sci
73519 PI LEC 210 MTWTH 8-9AM ARR
Case Studies in Interdisc Sci

270 UC Special Topics 3.00
73689 P R LEC 201 MWF 1230-330PM ARR Svaan
Entrepreneurial Business Basic

280 Undergrad Research 3.00 ADVISORY
70433 PI REC 201 ARR ARR

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

LSA II: Chinese Studies

Chinese Studies (CCS)

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

LSA II: Japanese Studies

Japanese Studies (CJS)

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

LSA II: Latin American and Caribbean Studies

Latin American And Caribbean Studies (LACS)

321 SS LACS Topics 3.00
73298 P LEC 202 TTH 10-1PM 4027RUTHVEN Tsai
Archaeology of Mexico and Peru
73210 P LEC 203 MW 1-4PM 4211 AH Hernandez
Space&Identity in Lat Am Hist
73576 P LEC 204 TTH 9-12PM ARR
Latin America Politics&Culture

471 Elem Quechua I 4.00 ADVISORY
70311 PI REC 201 ARR ARR
FIELD SCHOOL SEMINAR IN PERU. MEETS JUN 26 - AUG 18. STUDENTS MUST ALSO REGISTER FOR 472. PLEASE CONTACT L A C S (763-0553) FOR INFORMATION.

472 Elem Quechua I I 4.00
70312 PI REC 201 ARR ARR
FIELD SCHOOL SEMINAR IN PERU. PLEASE CONTACT L A C S (763-0553) FOR INFORMATION.

473 Interm Quechua I 4.00 ADVISORY
70313 PI REC 201 ARR ARR
FIELD SCHOOL SEMINAR IN PERU. MEETS JUL 1 - AUG 14
. STUDENTS MUST ALSO REGISTER FOR 474. PLEASE CONTACT L A C S (763-0553) FOR INFORMATION.

474 Interm Quechua I I 4.00
70314 PI REC 201 ARR ARR
FIELD SCHOOL SEMINAR IN PERU. PLEASE CONTACT L A C S (763-0553) FOR INFORMATION.

475 Adv Quechua I 4.00 ADVISORY
70315 PI REC 201 ARR ARR
FIELD SCHOOL SEMINAR IN PERU. MEETS JUN 26 - AUG 18. STUDENTS MUST ALSO REGISTER FOR 476. PLEASE CONTACT L A C S (763-0553) FOR INFORMATION.

476 Adv Quechua I I 4.00
70316 PI REC 201 ARR ARR
FIELD SCHOOL SEMINAR IN PERU. PLEASE CONTACT L A C S (763-0553) FOR INFORMATION.

LSA II: Middle Eastern & North African Studies

Middle Eastern And North African Studies (MENAS)

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

LSA II: Russian, East European & Eurasian Studies

Russian, East European and Eurasian Studies (REEES)

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

LSA II: Prog in Internat'l & Comparative Studies

International Studies (INTLSTD)

101 Int to Intnl Studies **3.00**
73375 P W LEC 201 MTWTH 1130-1PM G115 AH Marcum
Introduction to Intnl Studies
491 Directed Studies **4.00** **ADVISORY, ENFORCED**
IR IND + ARR ARR

Department of Linguistics

Linguistics (LING)

111	**Intro to Language**					**3.00**		
73603	P	W	LEC	201	TTHF	12-2PM	ARR	
370	**Lang&Discrim**					**3.00**		
73604	P	W	LEC	201	TWTH	2-4PM	ARR	
395	**Individual Research**					**1.00-4.00**		
	I		IND	+		ARR	ARR	
493	**Undergrad Reading**					**1.00-3.00**		**ADVISORY**
	I		IND	+		ARR	ARR	
494	**Undergrad Reading**					**1.00-3.00**		**ADVISORY**
	I		IND	+		ARR	ARR	
495	**Senior Honors Read**					**1.00-3.00**		**ADVISORY**
	I		IND	+		ARR	ARR	
496	**Senior Honors Read**					**1.00-3.00**		**ADVISORY**
	I		IND	+		ARR	ARR	
990	**Diss-Precand**					**1.00-8.00**		**ADVISORY**
	I		IND	+		ARR	ARR	
995	**Diss-Cand**					**4.00**		**ENFORCED**
	IR		IND	+		ARR	ARR	
997	**Spec Res I & II**					**1.00-6.00**		**ADVISORY**
	I		IND	+		ARR	ARR	

Lloyd Hall Scholars Program

Lloyd Hall Scholars Program (LHSP)

299	**Independent Study**					**1.00-4.00**	**150.00**
	I	IND	+	ARR	ARR		

Macromolecular Sci & Engr Ctr

Macromolecular Science (MACROMOL)

790	**Fac Actv Res Surv**					**1.00**	**ADVISORY**	
71493	P	SEM	201	ARR	ARR	Laine		
800	**Macromolecular Sem**					**2.00**	**ADVISORY**	
71494	P	SEM	201	ARR	ARR	Laine		

Mathematics Department

Mathematics (MATH)

103	**Intermed Algebra**							**2.00**	**ADVISORY**
BRIDGE PROGRAM STUDENTS ONLY.									
70325	P R	LEC	201	MTWTH	830-10AM	1060 EH		Collins	
70326	P R	LEC	202	MTWTH	830-10AM	G232 AH		Horvath	
70327	P R	LEC	203	MTWTH	830-10AM	1372 EH		Khumbah	
70328	P R	LEC	204	MTWTH	830-10AM	1624 CHEM		McGee	
70329	P R	LEC	205	MTWTH	830-10AM	1084 EH		Ngunkeng	
70330	P R	LEC	206	MTWTH	830-10AM	173 LORCH			
70331	P R	LEC	207	MTWTH	830-10AM	2866 EH		Lee	
71885	P R	LEC	208	MTWTH	830-10AM	373 LORCH		Iaderosa	
71886	P R	LEC	209	MTWTH	830-10AM	1636 CHEM		Randolph	
72138	P R	LEC	210	MTWTH	830-10AM	171 LORCH		Hembree	
72139	P R	LEC	211	MTWTH	830-10AM	471 LORCH		Herrera	
72769	P R	LEC	212	MTWTH	830-10AM	1068 EH		Farokhrani	
BRIDGE PROGRAM STUDENTS ONLY.									
72985	P R	LEC	213	MTWTH	830-10AM	2202 MLB		Williamson	
73016	PDR	LEC	214	MTWTH	830-10AM	ARR			
73050	PDR	LEC	215	MTWTH	830-10AM	268 WEISER		Marzec	
73687	PD	LEC	216	MTWTH	830-10AM	ARR			
73688	PD	LEC	217	MTWTH	830-930AM	ARR			
104	**Mathematical Thinking**							**2.00**	**ADVISORY**
73240	P	LEC	201	MTWTH	830-10AM	B860G EH		Lee	
BRIDGE PROGRAM STUDENTS ONLY									
73241	P	LEC	202	MTWTH	830-10AM	G228 AH			
BRIDGE PROGRAM STUDENTS ONLY									
105	**Data,Fncns,Graphs**							**4.00**	
70332	P W	LEC	201	TWTHF	10-12PM	3302 MH		Lewis	
106	**Intro Calculus**							**4.00**	
73637	PD	LEC	001	MTWTH	3-5PM	2325 MH		Everlove	
73638	PD	LEC	002	MTWTH	3-5PM	2427 MH		Powell	
73639	PD	LEC	003	MTWTH	3-5PM	2436 MH		Klein	
115	**Calculus I**							**4.00**	**ADVISORY**
70333	P W	LEC	201	TWTHF	8-10AM	3302 MH		Georgakopoulos	
72644	P W	LEC	202	TWTHF	1-3PM	3302 MH			
116	**Calculus II**							**4.00**	**ADVISORY**
70334	P	LEC	201	TWTHF	9-11AM	3314 MH			
Evening Exam for Math 116: Friday, July 24, 6-8pm.									
70335	P W	LEC	202	TWTHF	1-3PM	3314 MH			
Evening Exam for Math 116: Friday, July 24, 6-8pm.									
215	**Calculus III**							**4.00**	**ADVISORY**
70336	A W	LEC	201	TWF	10-12PM	1372 EH		Dimou	
70337	P W	LAB	202	TH	10-12PM	B737 EH		Lenning	
	P W	LAB	202	TH	10-12PM	B735 EH			
216	**Intro Diff Equat**							**4.00**	**ADVISORY, ENFORCED**
70338	A RW	LEC	201	TWF	12-2PM	1372 EH		Boland	
70339	P RW	LAB	202	TH	12-2PM	1372 EH		Odesky	
	P RW	LAB	202	TH	12-2PM	B735 EH			
399	**Independent Reading**							**1.00-6.00**	
	I	IND	+		ARR	ARR			
417	**Matrix Algebra I**							**3.00**	**ADVISORY**
72049	P W	LEC	201	TWF	9-11AM	5521 HH		Peretz	
425	**Intro Probabil**							**3.00**	**ADVISORY**
70341	P W	LEC	201	TWF	1-3PM	B844 EH		Wolf	
429	**Internship**							**1.00**	**ADVISORY**
		IND	+		ARR	ARR			
471	**Intr Num Meth**							**3.00**	**ADVISORY**
71500	P W	LEC	201	TWF	10-12PM	4096 EH		Karni	
485	**Math Elem Sch Teach**							**3.00**	**ADVISORY**
72972	P R	LEC	201	MWF	8-11AM	2310 SEB			
For ELMAC 17 students only. See ELMAC 17 schedule for details about meeting times.									
499	**Independent Reading**							**1.00-4.00**	**ADVISORY**
	I	IND	+		ARR	ARR			
700	**Dir Read-Research**							**1.00-3.00**	**ADVISORY**
	I	IND	+		ARR	ARR			
990	**Diss-Precand**							**1.00-8.00**	**ADVISORY**
	I	IND	+		ARR	ARR			
995	**Diss-Cand**							**4.00**	**ENFORCED**
	R	IND	+		ARR	ARR			

Medieval and Early Modern Studies

Medieval and Early Modern Studies (MEMS)

367 Shakespeare Plays 3.00 90.00

73234 P W LEC 201 TTH 9-12PM 1359 MH Trevor

Molecular, Cellular, and Developmental Biology

Molecular, Cellular and Developmental Biology (MCDB)

300	**Undergrad Research**						**1.00-3.00**	**ADVISORY**
	I	IND	+		ARR	ARR		
310	**Intro Biochemistry**						**3.00**	**ADVISORY, ENFORCED**
72663	A R	LEC	201	MTW	2-4PM	2260 USB	Balazovich	
72665	P RW	DIS	202	M	4-530PM	2234 USB		
72664	P RW	DIS	203	T	4-530PM	2234 USB		
72701	P RW	DIS	204	W	4-530PM	2234 USB		
400	**Advanced Research**						**1.00-3.00**	**ADVISORY, ENFORCED**
	IR	IND	+		ARR	ARR		
700	**Advanced Studies**						**1.00-8.00**	**ADVISORY**
	I	IND	+		ARR	ARR		
801	**Supervised Teaching**						**1.00-2.00**	**ADVISORY**
	I	IND	+		ARR	ARR		
990	**Diss-Precand**						**1.00-8.00**	**ADVISORY**
	I	IND	+		ARR	ARR		
995	**Diss-Cand**						**4.00**	**ENFORCED**
	R	IND	+		ARR	ARR		

Near Eastern Studies Department

Arabic Language (ARABIC)

203 IntensIMArabicI&II 10.00 ADVISORY, ENFORCED
73287 PDR REC 201 MTWTHF 9-1PM ARR
This course will meet May 30-August 8, 2017.
UM students wishing to take this course for credit should email NES-SummerLanguageInstitute@umich.edu to request an override. The email should include the student's full name, uniqname, ID number, language background (if any), and a brief explanation of what course s/he wishes to take and why. Students wishing to take the course as program fee/not for credit through the LSA Summer Language Institute should see lsa.umich.edu/sli for more information on the application process. Information regarding SLI 2017 will be available in early February. Late applications are permitted if open seats exist after this date.

401 Advanced Arabic I 5.00 ADVISORY, ENFORCED
73017 PDR REC 201 MTWTHF 9-1PM ARR Alhawary
This course will meet May 30-July 3, 2017.

UM students wishing to take this course for credit should email NES-SummerLanguageInstitute@umich.edu to request an override. The email should include the student's full name, uniqname, ID number, language background (if any), and a brief explanation of what course s/he wishes to take and why. Students wishing to take the course as program fee/not for credit through the LSA Summer Language Institute should see lsa.umich.edu/sli for more information on the application process. Information regarding SLI 2017 will be available in early February. Late applications are permitted if open seats exist after this date.

402 Advanced Arabic II 5.00 ADVISORY, ENFORCED
73018 PDR REC 201 MTWTHF 9-1PM ARR Alhawary
This course meets July 5-August 8, 2017
UM students wishing to take this course for credit should email NES-SummerLanguageInstitute@umich.edu to request an override. The email should include the student's full name, uniqname, ID number, language background (if any), and a brief explanation of what course s/he wishes to take and why. Students wishing to take the course as program fee/not for credit through the LSA Summer Language Institute should see lsa.umich.edu/sli for more information on the application process. Information regarding SLI 2017 will be available in early February. Late applications are permitted if open seats exist after this date.

Near Eastern Studies (NEAREAST)

291 HU Topics in NES 3.00
73478 P W SEM 201 TTH 1-4PM B113 MLB Kitsos
Jews and Christians Anc Wrld

391 HU Topics: NES 3.00 ADVISORY
73586 P W SEM 201 ARR ARR
Topic will be chosen by early February 2017.

498 Senior Honors Thesis 1.00-6.00
I IND + ARR ARR

699 Dir Grad Readings 1.00-3.00 ADVISORY
I IND + ARR ARR

990 Diss Pre-Cand 1.00-8.00 ADVISORY
I IND + ARR ARR

995 Dissertation Res 4.00 ENFORCED
IR IND + ARR ARR

Organizational Studies

Organizational Studies (ORGSTUDY)

499	**Independent Study**					**1.00-4.00**	**ADVISORY**
	I	IND	+	ARR	ARR		

Philosophy Department

Philosophy (PHIL)

181	**Intro:Phil Issues**					**2.00**	
73631	P W	LEC	201	TTH	4-6PM	G115 AH		
262	**Intro to Religion**					**3.00**	
73476	P W	LEC	201	TTH	1-4PM	G115 AH		
355	**Contemp Moral Prob**					**3.00**	
73579	P W	LEC	201	MW	1-4PM	G040 TISCH		
399	**Independent Studies**					**1.00-4.00**	**ADVISORY**
	I	IND	+		ARR	ARR		
499	**Senior Honors**					**2.00**	**ADVISORY**
	IR	IND	+		ARR	ARR		
596	**Reading Course**					**2.00-3.00**	**ADVISORY**
	IR	IND	+		ARR	ARR		
599	**Doss Reading**					**2.00-3.00**	**ADVISORY**
	IR	IND	+		ARR	ARR		
600	**Advanced Studies**					**2.00-3.00**	**ADVISORY**
	IR	IND	+		ARR	ARR		
990	**Diss-Precand**					**1.00-8.00**	**ADVISORY**
	IR	IND	+		ARR	ARR		
995	**Diss-Cand**					**4.00**	**ENFORCED**
	IR	IND	+		ARR	ARR		

Physics Department

Physics (PHYSICS)

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

Political Science Department

Political Science (POLSCI)

160 Intro World Politic 4.00
73371 P W LEC 201 MTWTH 12-2PM G168 AH
299 POLSCI Internship 1.00 ADVISORY
D IND + ARR ARR
302 Pol Thot Mod-Recent 3.00 ADVISORY
73565 P LEC 001 MTTH 10-12PM ARR
383 Pol Sci Rsrch Opp 1.00-3.00
I IND + ARR ARR
386 Sports, Pol, Society 3.00 ADVISORY
73584 P LEC 001 TTH 2-5PM ARR Markovits
389 Topics 3.00 ADVISORY
73460 P W REC 201 MTTH 2-4PM 2163 AH
ElectorAuthorit&ElectForensics
73505 P W REC 202 MTW 4-6PM G160 AH
NGOs & Global Development
594 Int Stat&Data Anl I 2.00 ADVISORY
ICPSR COURSE. FOR PERMISSION TO ENROLL CONTACT SAUNDRA K. SCHNEIDER, 763-7400. COURSE MEETS 6/20-7/15.
70362 PI LEC 211 MTWTHF 3-5PM 3437 MH
595 Int Stat&Dat Anl II 2.00 ADVISORY
ICPSR COURSE. FOR PERMISSION TO ENROLL CONTACT SAUNDRA K. SCHNEIDER, 763-7400. COURSE MEETS 7/18-8/12.
70363 PI LEC 222 MTWTHF 3-5PM 260 WEISER
596 Intr Regress Analys 3.00 ADVISORY
ICPSR COURSE. FOR PERMISSION TO ENROLL CONTACT SAUNDRA K. SCHNEIDER, 763-7400. COURSE MEETS 6/20-7/15.
70364 PI SEM 211 MTWTHF 3-5PM 1300 CHEM
637 Field Training 2.00-4.00 ADVISORY
IND + ARR ARR
692 Directed Reading 1.00-6.00 ADVISORY
I IND + ARR ARR
695 Regression Analysis 3.00 ADVISORY
ICPSR COURSE. FOR PERMISSION TO ENROLL CONTACT SAUNDRA K. SCHNEIDER, 763-7400. SECTION 211 MEETS 6/20-7/15.
70367 PI SEM 211 MTWTHF 3-5PM 1400 CHEM Schneider
70368 PI SEM 222 MTWTHF 1-3PM 1300 CHEM Schneider
ICPSR COURSE. FOR PERMISSION TO ENROLL CONTACT SAUNDRA K. SCHNEIDER, 763-7400. SECTION 222 MEETS 7/18-8/12.
811 Multivar Stat Meth 3.00 ADVISORY
ICPSR COURSE. FOR PERMISSION TO ENROLL CONTACT SAUNDRA K. SCHNEIDER, 763-7400. COURSE MEETS 6/20-7/15.
70369 PI SEM 211 MTWTHF 3-5PM B134 MLB
812 Scal&Dimensnl Analy 3.00 ADVISORY
ICPSR COURSE. FOR PERMISSION TO ENROLL CONTACT SAUNDRA K. SCHNEIDER, 763-7400. COURSE MEETS 7/18-8/12.
73248 PI SEM 222 MTWTHF 1-3PM 2114 MLB Schneider
813 Struct Equat Model 3.00 ADVISORY
ICPSR COURSE. FOR PERMISSION TO ENROLL CONTACT SAUNDRA K. SCHNEIDER, 763-7400. COURSE MEETS 7/18-8/12.
70370 PI SEM 222 MTWTHF 10-12PM 296 WEISER
814 Time Series Analys 3.00 ADVISORY
ICPSR COURSE. FOR PERMISSION TO ENROLL CONTACT SAUNDRA K. SCHNEIDER, 763-7400. COURSE MEETS 6/20-7/15.
70371 PI SEM 211 MTWTHF 1-3PM ARR
815 Categorical Analys 3.00 ADVISORY
ICPSR COURSE. FOR PERMISSION TO ENROLL CONTACT SAUNDRA K. SCHNEIDER, 763-7400. COURSE MEETS 7/15-8/12.
70372 PI SEM 222 MTWTHF 3-5PM 1300 CHEM
816 Gen Struc Equat Mod 3.00 ADVISORY
ICPSR COURSE. FOR PERMISSION TO ENROLL CONTACT SAUNDRA K. SCHNEIDER, 763-7400. COURSE MEETS 7/18-8/12.
70373 PI SEM 222 MTWTHF 1-3PM 260 WEISER
818 Math Model:Game Thr 3.00 ADVISORY
ICPSR COURSE. FOR PERMISSION TO ENROLL CONTACT SAUNDRA K. SCHNEIDER, 763-7400. COURSE MEETS 6/20-7/15.
70374 PI SEM 211 MTWTHF 1-3PM 1300 CHEM
819 Math Mod:Rationl Ch 3.00 ADVISORY
ICPSR COURSE. FOR PERMISSION TO ENROLL CONTACT SAUNDRA K. SCHNEIDER, 763-7400. COURSE MEETS 6/20-7/15.
70375 PI SEM 211 MTWTHF 9-11AM 1339 MH
820 Max Likelihood Est 3.00 ADVISORY
ICPSR COURSE. FOR PERMISSION TO ENROLL CONTACT SAUNDRA K. SCHNEIDER, 763-7400. COURSE MEETS 6/20-7/15.
70376 PI SEM 211 MTWTHF 9-11AM ARR
822 Dyn-Longitud Analy 2.00 ADVISORY
71709 PI SEM 222 MTWTHF 10-12PM 1640 CHEM
ICPSR COURSE. FOR PERMISSION TO ENROLL CONTACT SAUNDRA K. SCHNEIDER, 763-7400. COURSE MEETS 7/18-8/12.
826 Computing Soc Sci 2.00 ADVISORY
ICPSR COURSE. FOR PERMISSION TO ENROLL CONTACT SAUNDRA K. SCHNEIDER, 763-7400. SECTIONS 211 and 212 MEET 6/20-7/15. SECTION 222 MEETS 7/18-8/12.
70377 PI LEC 211 MTWTHF 1-3PM 1400 CHEM
72681 PI LEC 212 MTWTHF 5-7PM ARR
ICPSR COURSE. FOR PERMISSION TO ENROLL CONTACT SAUNDRA K. SCHNEIDER, 763-7400. SECTIONS 211 and 212 MEET 6/20-7/15. SECTION 222 MEETS 7/18-8/12.
70378 PI LEC 222 MTWTHF 830-10AM 1640 CHEM
ICPSR COURSE. FOR PERMISSION TO ENROLL CONTACT SAUNDRA K. SCHNEIDER, 763-7400. SECTIONS 211 and 212 MEET 6/20-7/15. SECTION 222 MEETS 7/18-8/12.
827 Res Des Soc Sci 2.00 ADVISORY
ICPSR COURSE. FOR PERMISSION TO ENROLL CONTACT SAUNDRA K. SCHNEIDER, 763-7400. SECTIONS 201, 211, 213 and 214

MEET 6/20-7/15. SECTIONS 222, 223 and 224 MEET 7/18-8/12.
70379 PI SEM 201 MTWTHF 5-8PM 1400 CHEM
70380 PI SEM 211 MTWTHF 1-3PM 1640 CHEM
ICPSR COURSE. FOR PERMISSION TO ENROLL CONTACT SAUNDRA K. SCHNEIDER, 763-7400. SECTIONS 201, 211, 213 and 214 MEET 6/20-7/15. SECTIONS 222, 223 and 224 MEET 7/18-8/12.
70381 PI SEM 213 MTWTHF 1-3PM B134 MLB
ICPSR COURSE. FOR PERMISSION TO ENROLL CONTACT SAUNDRA K. SCHNEIDER, 763-7400. SECTIONS 201, 211, 213 and 214 MEET 6/20-7/15. SECTIONS 222, 223 and 224 MEET 7/18-8/12.
73531 P SEM 214 MTWTHF 3-5PM ARR
ICPSR COURSE. FOR PERMISSION TO ENROLL CONTACT SAUNDRA K. SCHNEIDER, 763-7400. SECTIONS 201, 211, 213 and 214 MEET 6/20-7/15. SECTIONS 222, 223 and 224 MEET 7/18-8/12.
70382 PI SEM 222 MTWTHF 5-8PM 1528 CCL Schneider
ICPSR COURSE. FOR PERMISSION TO ENROLL CONTACT SAUNDRA K. SCHNEIDER, 763-7400. SECTIONS 201, 211, 213 and 214 MEET 6/20-7/15. SECTIONS 222, 223 and 224 MEET 7/18-8/12.
70383 PI SEM 223 MTWTHF 3-5PM 1640 CHEM
ICPSR COURSE. FOR PERMISSION TO ENROLL CONTACT SAUNDRA K. SCHNEIDER, 763-7400. SECTIONS 201, 211, 213 and 214 MEET 6/20-7/15. SECTIONS 222, 223 and 224 MEET 7/18-8/12.
73532 P SEM 224 MTWTHF 1-3PM 269 WEISER Schneider
ICPSR COURSE. FOR PERMISSION TO ENROLL CONTACT SAUNDRA K. SCHNEIDER, 763-7400. SECTIONS 201, 211, 213 and 214 MEET 6/20-7/15. SECTIONS 222, 223 and 224 MEET 7/18-8/12.
829 Math Soc Sci 2.00 ADVISORY
ICPSR COURSE. FOR PERMISSION TO ENROLL CONTACT SAUNDRA K. SCHNEIDER, 763-7400. SECTIONS 211, 212 and 213 MEET 6/20-7/15. SECTIONS 222 and 223 MEET 7/18-8/12.
70384 PI SEM 211 MTWTHF 11-12PM ARR
70385 PI SEM 212 MTWTHF 11-12PM AUD NS
ICPSR COURSE. FOR PERMISSION TO ENROLL CONTACT SAUNDRA K. SCHNEIDER, 763-7400. SECTIONS 211, 212 and 213 MEET 6/20-7/15. SECTIONS 222 and 223 MEET 7/18-8/12.
73047 PI SEM 213 MTWTHF 12-1PM 1300 CHEM
ICPSR COURSE. FOR PERMISSION TO ENROLL CONTACT SAUNDRA K. SCHNEIDER, 763-7400. SECTIONS 211, 212 and 213 MEET 6/20-7/15. SECTIONS 222 and 223 MEET 7/18-8/12.
70386 PI SEM 222 MTWTHF 12-1PM 1300 CHEM
ICPSR COURSE. FOR PERMISSION TO ENROLL CONTACT SAUNDRA K. SCHNEIDER, 763-7400. SECTIONS 211, 212 and 213 MEET 6/20-7/15. SECTIONS 222 and 223 MEET 7/18-8/12.
73280 PI SEM 223 MTWTHF 9-10AM 2114 MLB
ICPSR COURSE. FOR PERMISSION TO ENROLL CONTACT SAUNDRA K. SCHNEIDER, 763-7400. SECTIONS 211, 212 and 213 MEET 6/20-7/15. SECTIONS 222 and 223 MEET 7/18-8/12.
830 Adv Topic Soc Res 2.00 ADVISORY
ICPSR COURSE. FOR PERMISSION TO ENROLL CONTACT SAUNDRA K. SCHNEIDER, 763-7400. SECTIONS 201, 202, 213 MEET 6/20-7/15. SECTIONS 222, 223, 224 and 225 MEET 7/18-8/12.
70387 PI SEM 201 MTWTHF 5-9PM 1300 CHEM
70388 PI SEM 202 MTWTHF 5-9PM 1200 CHEM
ICPSR COURSE. FOR PERMISSION TO ENROLL CONTACT SAUNDRA K. SCHNEIDER, 763-7400. SECTIONS 201, 202, 213 MEET 6/20-7/15. SECTIONS 222, 223, 224 and 225 MEET 7/18-8/12.
70389 PI SEM 213 MTWTHF 5-9PM B134 MLB
ICPSR COURSE. FOR PERMISSION TO ENROLL CONTACT SAUNDRA K. SCHNEIDER, 763-7400. SECTIONS 201, 202, 213 MEET 6/20-7/15. SECTIONS 222, 223, 224 and 225 MEET 7/18-8/12.
72682 PI SEM 222 MTWTHF 3-5PM B116 MLB
ICPSR COURSE. FOR PERMISSION TO ENROLL CONTACT SAUNDRA K. SCHNEIDER, 763-7400. SECTIONS 201, 202, 213 MEET 6/20-7/15. SECTIONS 222, 223, 224 and 225 MEET 7/18-8/12.
72683 PI SEM 223 MTWTHF 5-9PM B116 MLB Schneider
ICPSR COURSE. FOR PERMISSION TO ENROLL CONTACT SAUNDRA K. SCHNEIDER, 763-7400. SECTIONS 201, 202, 213 MEET 6/20-7/15. SECTIONS 222, 223, 224 and 225 MEET 7/18-8/12.
73533 PI SEM 224 MTWTHF 5-9PM 2114 MLB Schneider
ICPSR COURSE. FOR PERMISSION TO ENROLL CONTACT SAUNDRA K. SCHNEIDER, 763-7400. SECTIONS 201, 202, 213 MEET 6/20-7/15. SECTIONS 222, 223, 224 and 225 MEET 7/18-8/12.
72684 PI SEM 225 MTWTHF 5-9PM AUD D AH Schneider
ICPSR COURSE. FOR PERMISSION TO ENROLL CONTACT SAUNDRA K. SCHNEIDER, 763-7400. SECTIONS 201, 202, 213 MEET 6/20-7/15. SECTIONS 222, 223, 224 and 225 MEET 7/18-8/12.
832 Math Stat Soc Sci 3.00 ADVISORY
ICPSR COURSE. FOR PERMISSION TO ENROLL CONTACT SAUNDRA K. SCHNEIDER, 763-7400. SECTIONS 211, 212, 213 AND 214 MEET 6/20-7/15. SECTION 223, 225, 226 and 227 MEET 7/18-8/12.
70390 PI SEM 211 MTWTHF 9-11AM ARR
72685 PI SEM 212 MTWTHF 3-5PM 1650 CHEM
ICPSR COURSE. FOR PERMISSION TO ENROLL CONTACT SAUNDRA K. SCHNEIDER, 763-7400. SECTIONS 211, 212, 213 AND 214 MEET 6/20-7/15. SECTION 223, 225, 226 and 227 MEET 7/18-8/12.
72956 PI SEM 213 MTWTHF 1-3PM 1650 CHEM
ICPSR COURSE. FOR PERMISSION TO ENROLL CONTACT SAUNDRA K. SCHNEIDER, 763-7400. SECTIONS 211, 212, 213 AND 214 MEET 6/20-7/15. SECTION 223, 225, 226 and 227 MEET 7/18-8/12.
73534 PI SEM 214 MTWTHF 1-3PM 1528 CCL
ICPSR COURSE. FOR PERMISSION TO ENROLL CONTACT SAUNDRA K. SCHNEIDER, 763-7400. SECTIONS 211, 212, 213 AND 214 MEET 6/20-7/15. SECTION 223, 225, 226 and 227 MEET 7/18-8/12.
72686 PI SEM 223 MTWTHF 1-3PM 1650 CHEM
ICPSR COURSE. FOR PERMISSION TO ENROLL CONTACT SAUNDRA K. SCHNEIDER, 763-7400. SECTIONS 211, 212, 213 AND 214 MEET 6/20-7/15. SECTION 223, 225, 226 and 227 MEET 7/18-8/12.
73048 PI SEM 225 MTWTHF 10-12PM 2114 MLB
ICPSR COURSE. FOR PERMISSION TO ENROLL CONTACT SAUNDRA K. SCHNEIDER, 763-7400. SECTIONS 211, 212, 213 AND 214 MEET 6/20-7/15. SECTION 223, 225, 226 and 227 MEET 7/18-8/12.
73049 PI SEM 226 MTWTHF 3-5PM 269 WEISER
ICPSR COURSE. FOR PERMISSION TO ENROLL CONTACT SAUNDRA K. SCHNEIDER, 763-7400. SECTIONS 211, 212, 213 AND 214 MEET 6/20-7/15. SECTION 223, 225, 226 and 227 MEET 7/18-8/12.

73335 PI SEM 227 MTWTHF 10-12PM 269 WEISER
ICPSR COURSE. FOR PERMISSION TO ENROLL CONTACT SAUNDRA K. SCHNEIDER, 763-7400. SECTIONS 211, 212, 213 AND 214 MEET 6/20-7/15. SECTION 223, 225, 226 and 227 MEET 7/18-8/12.
838 Math Modl:Game Thry 3.00 ADVISORY
ICPSR COURSE. FOR PERMISSION TO ENROLL CONTACT SAUNDRA K. SCHNEIDER, 763-7400. COURSE MEETS 7/18-8/12.
70391 PI SEM 222 MTWTHF 10-12PM 2548 CCL
841 Max Likelihd Estim 3.00 ADVISORY
ICPSR COURSE. FOR PERMISSION TO ENROLL CONTACT SAUNDRA K. SCHNEIDER, 763-7400. COURSE MEETS 7/18-8/12.
70392 PI SEM 222 MTWTHF 1-3PM 296 WEISER
892 Directed Research 1.00-6.00 ADVISORY
I IND + ARR ARR
990 Diss-Precand 1.00-8.00 ADVISORY
I IND + ARR ARR

Psychology Department

Psychology (PSYCH)

112 Psy as Natl Science **4.00**
73019 P W LEC 201 MTWTH 10-12PM 1202 SEB Malley
200 Ind Psych Issues **1.00-4.00** **ADVISORY**
I IND + ARR ARR
240 Intro to Cog Psych **4.00** **ENFORCED**
72662 P RW LEC 201 MTWTH 1-3PM 1202 SEB Snodgrass
Direct all questions to psych.saa@umich.edu; do not contact the instructor.
280 Intro Social Psych **4.00** **ENFORCED**
73599 P RW LEC 201 MTWTH 3-5PM ARR
304 Teaching&Leading **2.00-4.00** **ADVISORY** **40.00**
73515 PI W LAB 201 W 630-830PM B247 EH
Michigan Mentorship Program
Admission is by application only and students must attend a General Informational Meeting in order to apply. The first such meeting is March 28th at 8:00 PM in B247 East Hall. Email instructor Bill Harris (wiharris@umich.edu) for additional dates and times.
322 Fld Prac Res Nat Sci **1.00-4.00** **ADVISORY**
I IND + ARR ARR
325 Pract Multicultural **3.00** **ADVISORY** **60.00**
71783 P W LAB 201 TTH 2-4PM ARR Fabian
Internship will be scheduled two afternoons a week for four hours.
326 Dir Res Psych/NS **1.00-4.00** **ADVISORY**
I IND + ARR ARR
328 Res Lab Psy Nat Sci **1.00** **ADVISORY**
I IND + ARR ARR
372 Clinical Psych **3.00** **ENFORCED**
73594 P RW LEC 201 TTH 12-3PM ARR Nagata
388 Negotiation **3.00** **ENFORCED** **31.50**
73598 P RW LEC 201 MW 10-1PM 1068 EH Garcia
401 Special Problems **3.00** **ENFORCED**
73595 P RW SEM 201 MW 1-4PM ARR Rabinowitz
Hegemon, Ideol&Polit Behav
402 Special Problems **3.00** **ADVISORY, ENFORCED**
73698 P RW SEM 201 TWTH 11-1PM ARR Porter
The Compassionate Brain
404 Field Practicum **1.00-4.00** **ADVISORY**
I IND + ARR ARR
405 Pract Univ Setting **1.00-4.00** **ADVISORY**
I IND + ARR ARR
420 Adv Reading NS **1.00-4.00** **ADVISORY**
I IND + ARR ARR
421 Adv Reading Soc Sci **1.00-4.00** **ADVISORY**
I IND + ARR ARR
422 Adv Research NS **1.00-4.00** **ADVISORY**
I IND + ARR ARR
423 Adv Res Soc Sci **3.00-4.00** **ADVISORY**
I IND + ARR ARR
424 Sr Hon Res I Nat Sci **2.00-4.00** **ADVISORY**
I IND + ARR ARR
71710 SI SEM 201 ARR ARR Shah
426 Sr Hon Res II Nat Sc **2.00-4.00** **ADVISORY**
71711 SI SEM 201 ARR ARR Shah
428 Sr Thesis Psych NS **2.00-4.00** **ADVISORY**
D IND + ARR ARR
467 Curr Topic Org Psych **3.00** **ADVISORY, ENFORCED**
73597 P RW SEM 201 TTH 9-12PM ARR Kira
Positive Organizational Psycho
619 Supervised Research **1.00-4.00** **ADVISORY**
I IND + ARR ARR
683 Wkshop Samp Techniq **6.00** **ADVISORY**
72121 PD SEM 201 MTWTHF 830-1130AM ARR Lepkowski, Heeringa
687 Applied Sampling **3.00** **ADVISORY**
70401 PD LEC 201 TTH 1230-3PM ARR Wagner
Permission Only. Contact SRC Summer Institute 764-6595. 8-week video course.
706 Tutorial Reading **1.00-4.00** **ADVISORY**
I IND + ARR ARR
711 Quest Design & Eval **3.00** **ADVISORY**
70403 PD SEM 201 TTH 3-530PM ARR Broome
Permission only. Contact SRC Summer Institute 764-6595. 8-weeks, 3 credits, video course.
719 Supervised Research **1.00-5.00** **ADVISORY**
I IND + ARR ARR
819 Supervised Research **1.00-4.00** **ADVISORY**
I IND + ARR ARR
879 Internship Clin Psy **2.00** **ADVISORY**
I IND + ARR ARR

Studies In Religion

Religion (RELIGION)

262	**Intro to Religion**					**3.00**		
73477	P	W	LEC	201	TTH	1-4PM	G115 AH	
387	**Independent Study**					**1.00-3.00**	**ADVISORY**	
	I		IND	+		ARR	ARR	
487	**Independent Study**					**1.00-3.00**	**ADVISORY**	
	I		IND	+		ARR	ARR	

Romance Languages Department

French (FRENCH)

230	**Intensive 2nd Year**					**8.00**	**ENFORCED**	
70267	P RW	REC	201	MTTHF	9-11AM	2412 MLB			
230	**Intensive 2nd Year**					**8.00**	**ENFORCED**	
	P RW	REC	201	MTTHF	1130-130PM	ARR			
231	**Second Year**					**4.00**	**ENFORCED**	
73694	P RW	REC	201	MTTHF	9-11AM	ARR			
232	**Second Year**					**4.00**	**ENFORCED**	
70268	P RW	REC	201	MTTHF	9-11AM	ARR			
399	**Independent Study**					**1.00-3.00**	**ENFORCED**	
	IR	IND	+		ARR	ARR			

Italian (ITALIAN)

995	**Diss-Cand**					**4.00**	**ENFORCED**	
	R	IND	+		ARR	ARR			

Spanish (SPANISH)

103	**Review-Elementary**					**4.00**	**ADVISORY, ENFORCED**	
73208	P RW	REC	201	MTTHF	9-11AM	ARR			
230	**Intensive 2nd Year**					**8.00**	**ENFORCED**	
70421	P RW	REC	201	MTTHF	9-11AM	ARR			
230	**Intensive 2nd Year**					**8.00**	**ENFORCED**	
	P RW	REC	201	MTTHF	1130-130PM	ARR			
230	**Intensive 2nd Year**					**8.00**	**ENFORCED**	
73537	P RW	REC	202	MTTHF	9-11AM	ARR			
230	**Intensive 2nd Year**					**8.00**	**ENFORCED**	
	P RW	REC	202	MTTHF	1130-130PM	ARR			
231	**Second Year Span**					**4.00**	**ENFORCED**	
70422	P RW	REC	201	MTTHF	9-11AM	ARR			
232	**Second Year Span**					**4.00**	**ADVISORY, ENFORCED**	
70423	P RW	REC	201	MTTHF	9-11AM	ARR			
73422	P RW	REC	202	MTTHF	1-3PM	ARR			
277	**Rdg, Grammar, & Comp**					**4.00**	**ADVISORY, ENFORCED**	
73003	P RW	REC	204	MWF	1-3PM	2212 MLB			
368	**Literature and Arts**					**3.00**	**ENFORCED**	**25.00**
73602	P RW	LEC	201	MW	9-12PM	ARR	Herbert		
Housewives, Hosp, Zapatista									
420	**Lat Amer Film**					**3.00**	**ENFORCED**	**35.00**
73590	P RW	REC	201	TTH	10-1PM	ARR	Herrero-Olaizola		
Cine Lat/Am: Desplaz Y Mov Soc									
428	**Internship**					**3.00**	**ENFORCED**	
	DR	IND	+		ARR	ARR			
435	**Independent Study**					**1.00-3.00**	**ENFORCED**	
	DR	IND	+		ARR	ARR			
635	**Independent Study**					**1.00-3.00**	**ADVISORY**	
	I	IND	+		ARR	ARR			
895	**Independent Study**					**1.00-3.00**	**ADVISORY**	
	I	IND	+		ARR	ARR			
995	**Diss-Cand**					**4.00**	**ENFORCED**	
	IR	IND	+		ARR	ARR			

Sweetland Center for Writing

Gayle Morris Sweetland Center for Writing (WRITING)

100 Transit Coll Writing 3.00

Reserved for Bridge Program Students ONLY.
72045 P RW REC 201 TTH 10-12PM 2202 MLB
Reserved for Bridge Program Students ONLY.
72046 P RW REC 202 TTH 10-12PM 2230 USB
Reserved for Bridge Program Students ONLY.
72047 P RW REC 203 TTH 10-12PM G232 AH
Reserved for Bridge Program Students ONLY.
72048 P RW REC 204 MW 10-12PM 3325 DANA
72641 P RW REC 205 MW 10-12PM 1636 CHEM
Reserved for Bridge Program Students ONLY.
72941 P RW REC 206 MW 10-12PM G232 AH
Reserved for Bridge Program Students ONLY.
72942 P RW REC 207 TTH 10-12PM 3242 LSA
Reserved for Bridge Program Students ONLY.
73546 P RW REC 208 TTH 12-2PM 2212 MLB

SRC-PSM Graduate Program

Survey Methodology (SURVMETH)

614 Dsn&Anl Com Samp Srv 3.00 ADVISORY
71836 PD SEM 201 MW 1-3PM ARR West
614 Dsn&Anl Com Samp Srv 3.00 ADVISORY
P SEM 201 F 1-4PM ARR
Permission only. Must contact Summer Institute office (isr-summer@umich.edu) for permission to register, override will be issued.
616 Wkshop Samp Techniq 6.00 ADVISORY
72119 PD SEM 201 MTWTHF 830-1130AM ARR Lepkowski, Heeringa
Contact Summer Institute office for details (isr-summer@umich.edu) and for permission to register.
623 Data Collection Meth 3.00 ADVISORY
72052 PD LEC 201 MW 3-530PM ARR Conrad, Keusch
Permission only. Must contact Summer Institute office (isr-summer@umich.edu) for permission, override will be issued.
625 Applied Sampling 3.00 ADVISORY
71760 PD LEC 201 TTH 1230-3PM ARR Wagner
Contact Summer Institute office for details and permission to register: isr-summer@umich.edu
630 Quest Design & Eval 3.00 ADVISORY
71835 PD SEM 201 TTH 3-530PM ARR Broome
Permission only. Must contact Summer Institute office (isr-summer@umich.edu) for permission to register, override will be issued.
651 Semi-Struc Interview 1.50
71834 PD SEM 201 MTWTHF 9-1PM ARR Riley
Permission only. Must contact Summer Institute office (isr-summer@umich.edu) for permission to register, override will be issued.
652 Intro Focus Group 1.50 ADVISORY
71833 PD SEM 201 MTWTHF 9-1PM ARR Lepkowski
Permission only. Must contact Summer Institute office (summers@isr.umich.edu) for permission to register, override will be issued.
653 Comb Qual&Quan Data 1.50 ADVISORY
71831 PD SEM 201 MTWTHF 9-1PM ARR Axinn, Ghimire
Mixed Methods Research Design
Contact Summer Institute office for details (isr-summer@umich.edu) and for permission to register, override will be issued.
688 Bld Test Str Equ Mod 3.00
71832 PD SEM 201 MTWTHF 130-345PM ARR Vinokur
Permission only. Must contact Summer Institute office (isr-summer@umich.edu) for permission to register, override will be issued..
699 Directed Research 1.00-3.00 ADVISORY
D IND + ARR ARR
988 Adv Sem in Surv Meth 1.00-3.00 ADVISORY
71845 PD SEM 202 MTWTHF 930-1215PM ARR Henson
Multilevel Analysis Surv.Data
SRC Summer Institute Course. Permission only. Must contact Summer Institute office (isr-summer@umich.edu) for permission.
73521 PD SEM 203 MTWTHF 1230-230PM ARR Schilling
Item Response Theory (IRT)
Permission only. Must contact Summer Institute office (isr-summer@umich.edu) for permission.
72728 PD SEM 206 MTWTHF 9-12PM ARR Schaeffer
Applied Questionnaire Design
Permission only. Must contact Summer Institute office (isr-summer@umich.edu) for permission to register, override will be issued.
72955 PD SEM 208 MTWTHF 530-8PM ARR Peytcheva
Intro to Survey Res Techniques
Contact Summer Institute office for course details and registration (isr-summer@umich.edu).
71837 PD SEM 209 MTWTHF 1-4PM ARR Campanelli
Question Testing Methods
Contact Summer Institute office for course details and registration (isr-summer@umich.edu).
73522 PD SEM 212 MTWTHF 9-12PM ARR Broome
Questionnaire Desgn Real World
Contact Summer Institute office for course details and registration (isr-summer@umich.edu).
73015 PD SEM 213 MTWTHF 9-12PM ARR Couper
Web Survey Design
Web Survey Design: Contact Summer Institute office for course details and registration (isr-summer@umich.edu).
71838 PD SEM 219 MTWTHF 1-4PM ARR Lepkowski, Lee
Prob/Non Probability Sampling
Contact Summer Institute office for course details and registration (isr-summer@umich.edu).
73307 PD SEM 220 MTWTHF 1-4PM ARR Campanelli
Multi Item Scale Development
Multi-Item Scale Development and Testing: Contact Summer Institute office for course details and registration (isr-summer@umich.edu).
73308 PD SEM 223 MTWTHF 9-12PM ARR Suzer Gurtekin
Mixed Mode Surveys
Contact Summer Institute office for course details and registration (isr-summer@umich.edu).
72120 PD SEM 229 MTWTHF 1-4PM ARR Suzer Gurtekin
Intro to Survey Research Tech

Contact Summer Institute office for course details and registration (isr-summer@umich.edu).

Screen Arts and Cultures

Screen Arts and Cultures (SAC)

210	**Intro to Screenwrtg**						**3.00**	**ADVISORY**	**35.00**
73464	P	W	LEC	201	TTH	2-5PM	2275 NQ	Fanucchi	
73465	A		LAB	202	T	6-9PM	LEC RM 2 MLB	Fanucchi	
308	**Screenwriting**						**3.00**		**25.00**
73593	P	W	LEC	201	MW	6-9PM	1175 NQ	Prasad	
352	**Film:French New Wave**						**3.00**	**ADVISORY**	**35.00**
73634	P		LEC	201	MW	2-5PM	1175 NQ	Strassfeld	
73635	S		LAB	202	M	6-830PM	ARR	Strassfeld	
366	**Film,TV&Pop Cult**						**3.00**		**50.00**
73461	P	W	LEC	201	M	1-7PM	LEC RM 2 MLB	Solomon	
Lost, Unproduced Films									
73573	P		LEC	204	W	12-6PM	LEC RM 2 MLB	Bertellini	
Food and Cinema:Screening Appe									
376	**New Media Theory**						**3.00**	**ADVISORY**	**35.00**
73290	P	W	LEC	201	TTH	12-3PM	1105 NQ	Deleon	
73291	A		LAB	202	T	4-630PM	AUD A AH	Deleon	
441	**National Screens**						**3.00**	**ADVISORY**	**50.00**
73359	P	W	LEC	201	TTH	1-4PM	1175 NQ	Gunckel	
Mexican Cinema									
73463	A		LAB	202	TH	5-730PM	LEC RM 2 MLB	Gunckel	
Mexican Cinema									
73574	P	W	LEC	203	TTH	2-5PM	LEC RM 2 MLB	Kligerman	
Cinema Fantastique									
480	**Internship**						**2.00**		
	I		IND	+		ARR	ARR		
499	**Independent Study**						**1.00-4.00**		**150.00**
	I		IND	+		ARR	ARR		
500	**Directed Study**						**1.00-4.00**		
	I		IND	+		ARR	ARR		
995	**Diss-Cand**						**4.00**	**ENFORCED**	
	IR		IND	+		ARR	ARR		

Slavic Languages & Lit Dept

Polish (POLISH)

450	**Directed Reading**						**1.00-3.00**	**ADVISORY**
	I	IND	+		ARR	ARR		

Russian (RUSSIAN)

223	**Inten 2nd Yr Russ**						**8.00**	**ENFORCED**
72645	P RW	REC	201	MTWTHF	10-12PM	ARR		
223	**Inten 2nd Yr Russ**						**8.00**	**ENFORCED**
	P RW	REC	201	MTWTHF	1-3PM	ARR		
430	**Supervised Reading**						**1.00-4.00**	**ADVISORY**
	I	IND	+		ARR	ARR		
492	**Senior Honors**						**3.00**	**ADVISORY**
	IR	IND	+		ARR	ARR		
525	**Inten Second Yr Russ**						**8.00**	**ENFORCED**
73213	P R	REC	201	MTWTHF	10-12PM	ARR		
525	**Inten Second Yr Russ**						**8.00**	**ENFORCED**
	P R	REC	201	MTWTHF	1-3PM	ARR		
652	**Superv Read Lit**						**1.00-4.00**	**ADVISORY**
	IR	IND	+		ARR	ARR		
990	**Diss-Precand**						**1.00-8.00**	**ADVISORY**
	IR	IND	+		ARR	ARR		
995	**Diss-Cand**						**4.00**	**ENFORCED**
	IR	IND	+		ARR	ARR		

Ukrainian (UKR)

450	**Internship-Ukraine**						**1.00**	**ADVISORY**
	I	IND	+		ARR	ARR		

Sociology Department

Sociology (SOC)

100	**Intro to Sociology**					**3.00**	**ADVISORY, ENFORCED**
72734	P RW	LEC 201	MWF	9-11AM	3254 LSA		
210	**Elem Statistics**					**3.00**	
72132	P W	LEC 201	MWF	9-11AM	3242 LSA		
S							
270	**Gender & the Law**					**3.00**	
73363	P W	LEC 201	TTH	1-4PM	2402 MLB	Peterson	
305	**Intro Soc Theory**					**3.00**	**ADVISORY**
73629	P	LEC 201	MWF	3-5PM	3254 LSA		
345	**Soc of Sexuality**					**3.00**	**ADVISORY**
73628	P	LEC 201	TWTH	11-1PM	3254 LSA		
368	**Criminology**					**3.00**	**ADVISORY**
73367	P W	LEC 201	MWF	1-3PM	ARR		
379	**Sports, Pol, Society**					**3.00**	**ADVISORY**
73582	P	LEC 001	TTH	2-5PM	ARR	Markovits	
394	**Undergrad Research**					**1.00-4.00**	
	D	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		
495	**Topics in Sociology**					**1.00-4.00**	**ADVISORY**
73627	P	LEC 201	TTH	9-12PM	ARR		
612	**Applied Sampling**					**3.00**	**ADVISORY**
70416	PD	LEC 201	TTH	1230-3PM	ARR	Wagner	
Permission only. Contact SRC Summer Institute 764-6595. 8-weeks, video course.							
621	**Wkshop Samp Techniq**					**6.00**	**ADVISORY**
72122	PD	SEM 201	MTWTHF	830-1130AM	ARR	Lepkowski, Heeringa	
695	**Directed Research**					**1.00-6.00**	**ADVISORY**
	I	IND +		ARR	ARR		
696	**Directed Reading**					**1.00-6.00**	**ADVISORY**
	I	IND +		ARR	ARR		
711	**Quest Design & Eval**					**3.00**	**ADVISORY**
70419	PD	SEM 201	TTH	3-530PM	ARR	Broome	
Permission only. Contact SRC Summer Institute 764-6595. 8-week, 3 credit, video course.							
995	**Diss-Cand**					**4.00**	**ENFORCED**
	DR	IND +		ARR	ARR		

Statistics Department

Statistics (STATS)

250	**Intr Stat&Data Anlys**							**4.00**	
71495	S	W	LEC	201	MWTH	10-12PM	260 WEISER	Romero	
For enrollment questions regarding this course please email statstudentservices@umich.edu									
71496	P	W	LAB	202	MW	1230-2PM	B760 EH		
71497	P	W	LAB	203	TTH	12-130PM	B760 EH		
71498	P	W	LAB	204	TTH	830-10AM	B760 EH		
425	**Intro Probabil**							**3.00**	**ADVISORY**
70427	P	W	LEC	201	TWF	1-3PM	B844 EH	Wolf	
489	**Ind Study in Stat**							**1.00-4.00**	
	I		IND	+		ARR	ARR		
499	**Honors Seminar**							**2.00-3.00**	**ADVISORY**
	I		IND	+		ARR	ARR		
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**							**4.00**	**ENFORCED**
	IR		IND	+		ARR	ARR		

Office of International Programs

Study Abroad (STDABRD)

230	**Int Fr Lang Study FR**						**1.00-8.00**	**ADVISORY**
70431	P	LEC	201	ARR	ARR			
240	**Lang & Culture ES**						**1.00-10.00**	**ADVISORY**
70001	P	LEC	201	ARR	ARR			
243	**Sport Psychology ES**						**1.00-10.00**	
73699	P	LEC	201	ARR	ARR			
250	**Intensive Lang CN**						**1.00-9.00**	**ADVISORY**
72129	P	LEC	201	ARR	ARR			
260	**Italian Studies IT**						**1.00-10.00**	
73044	P	LEC	201	ARR	ARR			
285	**Arts in Paris FR**						**1.00-10.00**	
73229	P	LEC	201	ARR	ARR			
304	**Int Arabic Amman JO**						**1.00-15.00**	**ADVISORY**
73327	P	LEC	201	ARR	ARR			
307	**Amer Uni Cairo EG**						**1.00-12.00**	
72053	P	LEC	201	ARR	ARR			
309	**Frontiers Abrd NZ**						**1.00-15.00**	
73507	P	LEC	201	ARR	ARR			
315	**WildlifeMgmt Std TZ**						**1.00-15.00**	
73700	P	LEC	201	ARR	ARR			
320	**Marine Resrc Std TC**						**1.00-15.00**	
73706	P	LEC	201	ARR	ARR			
324	**Ashoka Uni IN**						**1.00-10.00**	
73702	P	LEC	201	ARR	ARR			
325	**Chinese Studies CN**						**1.00-9.00**	
72130	P	LEC	201	ARR	ARR			
330	**Budapest, Hungary**						**1.00-15.00**	
73508	P	LEC	201	ARR	ARR			
335	**Archaeology inGreece**						**1.00-10.00**	
73703	P	LEC	201	ARR	ARR			
341	**ColgYrAthens-Sum GR**						**1.00-10.00**	
73704	P	LEC	201	ARR	ARR			
362	**Int Russian Lang RU**						**1.00-15.00**	**ADVISORY**
73328	P	LEC	201	ARR	ARR			
366	**Public Health DR**						**1.00-10.00**	**ADVISORY**
71793	P	LEC	201	ARR	ARR			
367	**Baseball&Society DR**						**1.00-10.00**	
73707	P	LEC	201	ARR	ARR			
370	**Public Health VN**						**1.00-15.00**	
73705	P	LEC	201	ARR	ARR			
373	**Int Lang & Cultr CL**						**1.00-10.00**	**ADVISORY**
73708	P	LEC	201	ARR	ARR			
401	**Copenhagen DK**						**1.00-15.00**	
73510	P	LEC	201	ARR	ARR			
403	**Quechua Lang in Peru**						**1.00-10.00**	
73511	P	LEC	201	ARR	ARR			
445	**STEM Research UK**						**1.00-10.00**	
73524	P	LEC	201	ARR	ARR			
452	**St.Peter Coll Oxford**						**1.00-10.00**	
70432	P	LEC	201	ARR	ARR			
457	**STEM Rsrch-Londn UK**						**1.00-15.00**	
73709	P	LEC	201	ARR	ARR			
488	**PublHlth CapeTown ZA**						**1.00-10.00**	
73710	P	LEC	201	ARR	ARR			

Women's Studies Department

Womens Studies (WOMENSTD)

257	**Soc Science Topics**						**3.00**		
73695	P		LEC	201	MW	10-1PM	ARR	Sargent	
Gender Contemporary Mid East									
270	**Gender & the Law**							**3.00**	
73362	P	W	LEC	201	TTH	1-4PM	2402 MLB	Peterson	
348	**Soc of Sexuality**							**3.00**	**ADVISORY**
73630	P		LEC	201	TWTH	11-1PM	3254 LSA		
384	**Independent Research**							**1.00-3.00**	**ADVISORY**
	D		IND	+		ARR	ARR		
385	**Directed Reading**							**1.00-3.00**	**ADVISORY**
	I		IND	+		ARR	ARR		
490	**Honors Thesis**							**3.00**	
	I		IND	+		ARR	ARR		
491	**Honors Thesis**							**3.00**	
	I		IND	+		ARR	ARR		
580	**Independent Study**							**1.00-3.00**	**ADVISORY**
	I		IND	+		ARR	ARR		
690	**Directed Readings**							**1.00-3.00**	**ADVISORY**
	I		IND	+		ARR	ARR		
890	**Advanced Research**							**1.00-3.00**	**ADVISORY**
	I		IND	+		ARR	ARR		
891	**Jt Ph.D Adv Res**							**3.00**	**ADVISORY**
	I		IND	+		ARR	ARR		
892	**Advanced Research**							**3.00**	**ADVISORY**
			IND	+		ARR	ARR		
990	**Diss Pre-Cand**							**1.00-8.00**	**ADVISORY**
	I		IND	+		ARR	ARR		
995	**Diss Cand**							**4.00**	**ENFORCED**
	IR		IND	+		ARR	ARR		

Medicine

Division of Anatomical Science

Anatomy (ANATOMY)

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

Anesthesiology Department

Anesthesia (ANESTH)

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

Bioinformatics

Bioinformatics (BIOINF)

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

Biological Chemistry Departmen

Biological Chemistry (BIOLCHEM)

298	**UG Research Biochem**						**1.00-4.00**	**ADVISORY**
	I	IND	+		ARR	ARR		
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**						**4.00**	**ENFORCED**
	IR	IND	+		ARR	ARR		

Cell and Developmental Biology

Cell and Developmental Biology (CDB)

598	**Directed Readings**						**1.00-4.00**	**ADVISORY**
	I	IND	+		ARR	ARR		
599	**Directed Research**						**1.00-8.00**	**ADVISORY**
	I	IND	+		ARR	ARR		
990	**Diss Pre-Cand**						**1.00-8.00**	**ADVISORY**
		IND	+		ARR	ARR		
995	**Diss-Cand**						**4.00**	**ENFORCED**
	R	IND	+		ARR	ARR		

Cellular and Molecular Biology

Cellular And Molecular Biology (CMBIOL)

599	**Non-Diss Research**						**1.00-8.00**	**ADVISORY**
	I	IND	+		ARR	ARR		
990	**Diss-Precand**						**1.00-8.00**	**ADVISORY**
	I	IND	+		ARR	ARR		
995	**Diss-Cand**						**4.00**	**ENFORCED**
	IR	IND	+		ARR	ARR		

Dermatology Department

Dermatology (DERM)

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

Human Genetics Department

Human Genetics (HUMGEN)

500	**Ug Res-Human Gen**						**1.00-6.00**	**ADVISORY**
	I	IND	+		ARR	ARR		
800	**Research-Non Phd**						**1.00-16.00**	**ADVISORY**
		IND	+		ARR	ARR		
990	**Diss-Precand**						**1.00-8.00**	**ADVISORY**
		IND	+		ARR	ARR		
995	**Diss-Cand**						**4.00**	**ENFORCED**
	R	IND	+		ARR	ARR		

Internal Medicine Department

Internal Medicine (INTMED)

499	**Ug Int Med Res**					**1.00-16.00**		
	I	IND	+		ARR	ARR		
599	**Clinical Research**					**2.00-8.00**	**ADVISORY**	
	I	IND	+		ARR	ARR		

Medical School Administration

Immunology (IMMUNO)

599	**Grad Ind Research**						**1.00-8.00**	**ADVISORY**
		IND	+		ARR	ARR		

Medical School Administration (MEDADM)

807	**Adv Head&Neck**						**2.00**	
70442	S	LEC	201	W	2-5PM	ARR		
70443	P	LAB	202		ARR	ARR		

Microbiology And Immunology

Microbiology (MICRBIOL)

399	**Ug Research**						**1.00-8.00**	**ADVISORY**
	I	IND	+		ARR	ARR		
599	**Grad Independ Res**						**1.00-8.00**	**ADVISORY**
	I	IND	+		ARR	ARR		
990	**Diss-Precand**						**1.00-8.00**	**ADVISORY**
	I	IND	+		ARR	ARR		
995	**Diss-Cand**						**4.00**	**ENFORCED**
	IR	IND	+		ARR	ARR		

Neurology Department

Neurology (NEUROL)

499	**Ug Neurol Res**					**1.00-16.00**		
	I	IND	+		ARR	ARR		
599	**Clinical Research**					**2.00-8.00**	**ADVISORY**	
	I	IND	+		ARR	ARR		

Center For Neuroscience

Neuroscience (NEUROSCI)

800	**Neurosci Res Method**						**1.00-9.00**	**ADVISORY**
	I	IND	+		ARR	ARR		
801	**Neurosci Res Method**						**1.00-9.00**	**ADVISORY**
	I	IND	+		ARR	ARR		
990	**Diss-Precand**						**1.00-8.00**	**ADVISORY**
	I	IND	+		ARR	ARR		
995	**Diss-Cand**						**4.00**	**ENFORCED**
	R	IND	+		ARR	ARR		

Obstetrics And Gynecology Dept

Obstetrics and Gynecology (OBSTGYN)

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

Ophthalmology Department

Ophthalmology (OPHTH)

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

Otorhinolaryngology Department

Otorhinolaryngology (OTO)

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

Pathology Department

Pathology (PATH)

499	**Clinical Research**					**2.00-6.00**	
	I	IND	+	ARR	ARR		
520	**Reprod Endocrinol**					**1.00-4.00**	**ADVISORY**
	I	IND	+	ARR	ARR		
599	**Non-Diss Research**					**1.00-8.00**	
		IND	+	ARR	ARR		
699	**Ind Ug Research**					**1.00-9.00**	**ADVISORY**
	I	IND	+	ARR	ARR		
920	**Research in Path**					**1.00-6.00**	**ADVISORY**
	I	IND	+	ARR	ARR		
990	**Pre-Cand Diss Res**					**1.00-8.00**	**ADVISORY**
	I	IND	+	ARR	ARR		
995	**Cand Diss Research**					**4.00**	**ENFORCED**
	IR	IND	+	ARR	ARR		

Pediatrics & Comm Diseases Dep

Pediatrics (PEDIAT)

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

Pharmacology Department

Pharmacology (PHRMACOL)

600	**Independent Study**						**1.00-8.00**	**ADVISORY**
	D	IND	+		ARR	ARR		
990	**Diss-Precand**						**1.00-8.00**	**ADVISORY**
	D	IND	+		ARR	ARR		
995	**Diss-Cand**						**4.00**	**ENFORCED**
	DR	IND	+		ARR	ARR		

Physical Medicine & Rehab Dept

Physical Medicine & Rehabilitation (PMR)

499	**Undergrad Research**					**1.00-6.00**	
	I	IND	+	ARR	ARR		
539	**Eng&Tec Cln Interns**					**8.00**	**ADVISORY**
	I	IND	+	ARR	ARR		
599	**Clinical Research**					**1.00-8.00**	
	I	IND	+	ARR	ARR		

Physiology Department

Physiology (PHYSIOL)

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

PreMedical PostBaccalaureate Program

Post-Baccalaureate Premedical Program (MEDPREP)

402 Fnds Physicians - II 1.00 ADVISORY
73444 P R DIS 201 W 5-7PM ARR Wishart
Fnds for Aspiring Physicians

Psychiatry Department

Psychiatry (PSYCHIAT)

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

Surgery Department

Surgery (SURGERY)

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

Music, Theatre & Dance

Department Of Dance

Dance (DANCE)

406	**PTSI/UM Tech**					**1.00-2.00**	**ADVISORY**	
72964	PI	LAB	201		ARR	ARR	Matijas-Mecca, Cole	
424	**Taylor Repertory**					**1.00**		
72965	PI	LAB	201		ARR	ARR	Cole, Matijas-Mecca	

School of Music, Theatre and Dance

Arts Administration (ARTSADMN)

491 Special Projects 1.00-2.00
I IND + ARR ARR
591 Internship 1.00-6.00
I IND + ARR ARR

Composition (COMP)

900 Preliminary Exam 1.00
I IND + ARR ARR
990 Diss-Precand 1.00-8.00 ADVISORY
I IND + ARR ARR
995 Diss-Cand 4.00 ENFORCED
IR IND + ARR ARR

Conducting (CONDUCT)

507 Special Projects 2.00 ADVISORY
71925 P LAB 035 SU 1-6PM ARR Haithcock
507 Special Projects 2.00 ADVISORY
P LAB 035 MTWTH 9-6PM ARR
P LAB 035 F 9-1PM ARR
Co-Taught by Jerry Schweibert. Walgreen Drama Center
507 Special Projects 2.00 ADVISORY
72944 P LAB 412 MTWTHF 930-730PM ARR Blackstone
Choral Conducting Symposium
Co-Taught by Jerry Blackstone & Eugene Rogers.
Walgreen Drama Center
900 Preliminary Exam 1.00
I IND + ARR ARR
990 Diss-Precand 1.00-8.00 ADVISORY
I IND + ARR ARR
995 Diss-Cand 4.00 ENFORCED
IR IND + ARR ARR

Jazz & Improvisational Studies (JAZZ)

465 Ind Study 1.00-3.00
I IND + ARR ARR
554 Jazz Special Topics 2.00
73680 P SEM 201 TTH 9-1PM 2038 SM Bishop
Intro Improv/Comp/Arranging

Music Education (MUSED)

407 Spec Courses 1.00
71926 P LEC 201 MTWTH 8-850AM 2058 SM Knoedler
Music Theory Review
This course is designed to help students review and renew their knowledge in the area of music theory.
500 Res Design in Mus Ed 3.00
71867 P SEM 201 TTH 9-1PM 2058 SM Conway
Study of the music education research literature with an emphasis on framing research problems and evaluating research studies from a wide range of research traditions.
501 Psy of Mus Teach&Lrn 3.00
71923 P SEM 201 TTH 9-1PM 2044 SM Rodriguez
Study of the psychological and social foundations of music teaching and learning, including perception, motivation, creative and critical thinking, and musical development.
502 Hist&Philos of MusEd 3.00
72077 P SEM 201 MW 9-1PM 2044 SM McCarthy
Analysis of the historical and philosophical foundations of music education. Students read, speak, and write critically about the ideas that have shaped the profession, enabling them to become more competent and influential leaders in the field.
503 Mus Curric&Assessmt 3.00
71924 P LAB 201 MW 9-1PM 2058 SM Fitzpatrick
504 Special Course 2.00
72740 P LEC 201 THFSA 8-630PM 2026 SM Hopkins
Michigan String Workshop
Walgreen Drama Center
505 Special Topics 2.00
72943 P LEC 201 MTWTHF 2-7PM 378 SM Fitzpatrick
Tech for MusEd
This workshop will explore the role of digital technologies in creating, performing, and responding to music, with applications to lifelong music learning and participation. A primary emphasis of the workshop will be the development of participants? Musical Technological Pedagogical and Content Knowledge (M-TPACK). The technological focus of the class will include music notation software, MIDI and digital audio, instructional computer programs, Internet resources for music learning, social media, and productivity tools. The workshop is applicable to all music teachers. The focus will be primarily on beginning to intermediate applications of technology, however users can adapt projects to their level of skill and understanding, from beginning to advanced.
73368 P LEC 202 MTWTH 2-7PM 1380 SM Skadsem
P LEC 202 F 1030-4PM 1380 SM

Dalcroze Mus Classroom
This workshop will explore the Dalcroze Approach to music teaching. The workshop will cover all three elements of Dalcroze: eurhythmics, improvisation and solfege. The days will also allow for participants to practice teaching concepts presented. This workshop is applicable to all levels and specialty areas.

73369	P	LEC	203	MTWTH	2-730PM	201 STRNS	Fitzpatrick
	P	LEC	203	F	1030-4PM	201 STRNS	

Strats Sec Inst Class
This workshop explores practical strategies to enable a student-centered approach in the secondary instrumental classroom. The workshop is geared toward middle-school and high-school band and orchestra teachers. Participants will have opportunities to share ideas and resources about a variety of topics relevant to the practice of teaching instrumental music for beginning through advanced level instrumental ensembles. The workshop will conclude with participants playing their instruments, making music, and sharing ideas together in a reading ensemble, which they will have an opportunity to conduct.

73370	P	LEC	204	MTWTH	2-730PM	61 SM	Higuchi
	P	LEC	204	F	1030-4PM	61 SM	

Piano Skills MusEd
This workshop will explore piano skills that many music teachers find practical in their field. These skills include fundamental technical skills (scales, arpeggios, chords, and more), sight-reading, harmonization and transposition, improvisation, chord arrangements and accompanying, overview of music theory and keyboard harmony, and score-reading (both instrumental and choral). Participants will have an opportunity to receive one-on-one instructions on solo repertoires of an appropriate level (both for participants and for their potential students), as well as an opportunity for performing ensemble repertoires. All music teachers with experience in various settings, including choral, orchestral, or instrumental, are welcome. Basic background in piano studies (equivalent to courses such as undergraduate core curriculum class piano) is preferred but not mandatory.

516 Mus Ed Final Pres **1.00-3.00**
I IND + ARR ARR

900 Preliminary Exam **1.00**
I IND + ARR ARR

990 Diss-Precand **1.00-8.00 ADVISORY**
I IND + ARR ARR

995 Diss-Cand **4.00 ENFORCED**
IR IND + ARR ARR

Musicology (MUSICOL)

881 Special Readings **2.00-6.00 ADVISORY**
IR IND + ARR ARR

990 Diss-Precand **1.00-8.00 ADVISORY**
I IND + ARR ARR

995 Diss-Cand **4.00 ENFORCED**
IR IND + ARR ARR

Music Performance (MUSPERF)

591 Directed Perform **2.00-4.00 ADVISORY**
I IND + ARR ARR

STUDENTS ELECTING COURSES NUMBERED 591 OR 891 MUST FILL OUT APPLICATION FOR INSTRUCTION IN MUSIC PERFORMANCE AT 2277 SCHOOL OF MUSIC DURING REGISTRATION.

891 Directed Perform **2.00-6.00 ADVISORY**
I IND + ARR ARR

900 Preliminary Exam **1.00**
I IND + ARR ARR

Performing Arts & Technology (PAT)

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

Theory (THEORY)

407 Directed Indiv Stdy **2.00-4.00 ADVISORY**
I IND + ARR ARR

560 Special Studies **3.00 ENFORCED**
73482 P R LEC 201 MW 9-1PM 2038 SM Fournier

Gender&Sexual Identity Pop Mus
While most music scholars agree that music reflects the particular time and place from which it originates, some would go so far as to argue that, in some circumstances, music can also act as the driving force behind shifts in social mores and attitudes. Scholars of popular music, for example, point to the role played by music in such events as the civil rights and anti-war movements as examples of its power to enact social change. In this course, we will examine how popular music has contributed to changing attitudes about gender and, relatedly, about sexual identity over the past five decades. In the case of gender, we will examine how the second- and third-wave feminist movements of the 1960s and 1990s opened new roles to female musicians in the construction of popular culture, and how some of these musicians, in turn, used their fame to push the boundaries faced by women even further. Notably, this portion of our discussion will look at the impact of such female icons as Siouxsie Sioux, Madonna, Alanis Morissette, and Lady Gaga on existing limitations placed upon women by the music industry and by society more broadly. In tandem with our discussion of music and gender, we will also examine how the notion of sexual identity was challenged and problematized by popular musicians in the wake of the 1969 Stonewall riots, the rise of gay activism in the 1970s, and the AIDS crisis of the 1980s. Here, we will look at the trend in popular culture towards alternative forms of gender performance, embodied by such artists as Boy George, Annie Lennox, k.d. lang, and Genesis P-Orridge. At the heart of the class is the question of how music can effect social change ? a topic that will be of interest to music educators who hope to connect music to the student?s broader cultural experience.

570 Directed Indiv Study **1.00-4.00 ADVISORY**
I IND + ARR ARR

CAT# Class #	Course Title CODE	CMP	SEC	DAYS	TIME	LOCATION	CR INSTRUCTOR	PREREQ	LAB FEE
990	Diss-Precand						1.00-8.00	ADVISORY	
	I	IND	+		ARR	ARR			
995	**Diss-Cand**						**4.00**	**ENFORCED**	
	IR	IND	+		ARR	ARR			

Voice (VOICE)

Theatre And Drama

Theatre & Drama (THTREMUS)

388	**Studio II**					**2.00**	**ADVISORY**
73260	PI	LAB	201	ARR	ARR	Tulip	
401	**Independent Study**					**1.00-3.00**	**ADVISORY**
	I	IND	+	ARR	ARR		

Natural Resources&Environment

Sch Of Nat Resources & Environ

Natural Resources And Environment (NRE)

499	**Senior Honors Thesis**						**1.00-6.00**	**ADVISORY**
	I	IND	+		ARR	ARR		
598	**N R Internship-Gr**						**1.00-3.00**	**ADVISORY**
	I	IND	+		ARR	ARR		
600	**Dir Res&Sp Prob-Gr**						**1.00-8.00**	**ADVISORY**
	I	IND	+		ARR	ARR		
700	**Masters Thes Pract**						**1.00-6.00**	**ADVISORY**
	I	IND	+		ARR	ARR		
701	**Masters Project**						**1.00-4.00**	**ADVISORY**
72993	PD	LAB	188		ARR	ARR	Kelly	
Cisco Systems EnergyWise								
990	**Diss-Precand**						**1.00-8.00**	**ADVISORY**
	I	IND	+		ARR	ARR		
995	**Diss-Cand**						**4.00**	**ENFORCED**
	IR	IND	+		ARR	ARR		

Nursing
School Of Nursing
Nursing (NURS)

152	**Lifespan**						**4.00**	**ENFORCED**	**350.00**
73372	A R	LEC	001	M	9-1PM	1000 SNB			

During the week of July 3-7 only, N152 lecture will meet on Thursday, 7/6 from 9am-1pm in SNB 2000.

73416	S R	LAB	002	TW	8-11AM	ARR
73417	S R	LAB	003	TW	1-4PM	ARR
73418	P R	CLN	004	W	12-2PM	ARR
73419	P R	CLN	005	W	2-4PM	ARR
73420	P R	CLN	006	W	8-10AM	ARR
73421	P R	CLN	007	W	10-12PM	ARR

499	**Independent Study**						**1.00-5.00**	**ADVISORY**
	I	IND	+		ARR	ARR		
697	**Independent Studies**						**1.00-4.00**	
	I	IND	+		ARR	ARR		
699	**Nrs Scholarly Proj**						**1.00-8.00**	
	I	IND	+		ARR	ARR		

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

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		
990	**Diss-Precand**						**1.00-8.00**	**ADVISORY**
		IND	+		ARR	ARR		
995	**Diss-Cand**						**4.00**	**ENFORCED**
	R	IND	+		ARR	ARR		

Pharmacy

College Of Pharmacy

Medicinal Chemistry (MEDCHEM)

570	**Research**					**1.00-6.00**	**ADVISORY**
		IND	+	ARR	ARR		
573	**Investig Med Chem**					**1.00-6.00**	**ADVISORY**
	I	IND	+	ARR	ARR		
990	**Diss-Precand**					**1.00-8.00**	**ADVISORY**
		IND	+	ARR	ARR		
995	**Diss-Cand**					**4.00**	**ENFORCED**
	R	IND	+	ARR	ARR		

Pharmacy (PHARMACY)

570	**Research**					**1.00-6.00**	**ADVISORY**
		IND	+	ARR	ARR		
789	**Adv Pharm Prac Exp 3**					**4.00**	**ADVISORY**
73152	PD	LAB	201	ARR	ARR	Walker	
990	**Diss-Precand**					**1.00-8.00**	**ADVISORY**
		IND	+	ARR	ARR		
995	**Diss-Cand**					**4.00**	**ENFORCED**
	R	IND	+	ARR	ARR		

Pharmaceutical Chemistry (PHARMCHM)

571	**Investig Pharm Anal**					**1.00-6.00**	**ADVISORY**
	I	IND	+	ARR	ARR		
990	**Diss-Precand**					**1.00-8.00**	**ADVISORY**
		IND	+	ARR	ARR		
995	**Diss-Cand**					**4.00**	**ENFORCED**
	R	IND	+	ARR	ARR		

Pharmaceutical Sciences (PHARMSCI)

568	**Investigations**					**1.00-6.00**	**ADVISORY**
	I	IND	+	ARR	ARR		
570	**Research**					**1.00-6.00**	**ADVISORY**
		IND	+	ARR	ARR		
990	**Diss-Precand**					**1.00-8.00**	**ADVISORY**
		IND	+	ARR	ARR		
995	**Diss-Cand**					**4.00**	**ENFORCED**
	R	IND	+	ARR	ARR		

Social and Administrative Sciences (SOCADMIN)

570	**Research**					**1.00-6.00**	
		IND	+	ARR	ARR		
574	**Invest Pharm Admin**					**1.00-6.00**	**ADVISORY**
	I	IND	+	ARR	ARR		
990	**Diss-Precand**					**1.00-8.00**	**ADVISORY**
		IND	+	ARR	ARR		
995	**Diss-Cand**					**4.00**	**ENFORCED**
	R	IND	+	ARR	ARR		

Public Health

Biostatistics Department

Biostatistics (BIOSTAT)

578	**Practical Training**						**1.00-4.00**	
	I	IND	+		ARR	ARR		
820	**Readings in Biostat**						**1.00-4.00**	**ADVISORY**
	IR	IND	+		ARR	ARR		
850	**Research in Biostat**						**2.00-4.00**	**ADVISORY**
	IR	IND	+		ARR	ARR		
990	**Diss-Precand**						**1.00-8.00**	**ADVISORY**
	IR	IND	+		ARR	ARR		
995	**Diss-Cand**						**4.00**	**ENFORCED**
	IR	IND	+		ARR	ARR		

Environmental Health Sciences

Environmental Health Sciences (EHS)

697	**Readings**						**1.00-3.00**	**ADVISORY**
	IR	IND	+		ARR	ARR		
698	**Research**						**1.00-6.00**	**ADVISORY**
	IR	IND	+		ARR	ARR		
699	**Masters Thesis**						**1.00**	**ADVISORY**
	IR	IND	+		ARR	ARR		
899	**Adv Research**						**1.00-6.00**	**ADVISORY**
	IR	IND	+		ARR	ARR		
990	**Diss-Precand**						**1.00-8.00**	**ADVISORY**
	IR	IND	+		ARR	ARR		
995	**Diss-Cand**						**4.00**	**ENFORCED**
	IR	IND	+		ARR	ARR		

Epidemiology Department

Epidemiology (EPID)

299	**Independent Research**					**1.00-3.00**		
	D	IND	+		ARR	ARR		
562	**Adv Bacteriol Lab**					**2.00-6.00**	**ADVISORY**	
	IR	IND	+		ARR	ARR		
604	**Applications of EPID**					**1.00-3.00**	**ADVISORY**	
	IR	IND	+		ARR	ARR		
624	**Readings in Epid**					**1.00-3.00**	**ADVISORY**	
	IR	IND	+		ARR	ARR		
701	**Biostatistics**					**3.00**		
71377	PI	LEC	201		ARR	ARR		
72084	PI	LEC	202		ARR	ARR		
702	**Bayesian Perspective**					**1.00**	**ADVISORY**	
73449	PD	LEC	201		ARR	ARR		
703	**Infectious Diseases**					**1.00**	**ADVISORY**	
71378	PIR	LEC	201		ARR	ARR	Brachman	
704	**Cancer Epidemiology**					**1.00**	**ADVISORY**	
72775	PI	LEC	201		ARR	ARR		
705	**Epid&Health Policy**					**1.00**	**ADVISORY**	
71903	PI	LEC	201		ARR	ARR		
706	**Measurement in Clin**					**1.00**	**ADVISORY**	
73551	PD	LEC	201		ARR	ARR	Gagnier	
707	**Nutrnl&Metabol Epid**					**1.00**	**ADVISORY**	
71902	PI	LEC	201		ARR	ARR		
708	**Big Data**					**1.00**	**ADVISORY**	
73550	P	LEC	201		ARR	ARR		
709	**Fundamntals of Epid**					**3.00**	**ADVISORY**	
71379	PIR	LEC	201		ARR	ARR		
71973	PI	LEC	202		ARR	ARR		
710	**Intermediate Epid**					**1.00-2.00**	**ADVISORY**	
72634	PI	LEC	201		ARR	ARR		
72758	PI	LEC	202		ARR	ARR		
711	**Epid of Inj&Violence**					**1.00**	**ADVISORY**	
72991	PI	LEC	201		ARR	ARR		
716	**Clin Epid Evid-based**					**1.00**	**ADVISORY**	
71380	PIR	LEC	201		ARR	ARR		
717	**Cln Trial Des&Con**					**1.00**	**ADVISORY**	
71381	PIR	LEC	201		ARR	ARR		
718	**Analysis Clin Trials**					**1.00**	**ADVISORY**	
71382	PIR	LEC	201		ARR	ARR		
719	**Genetics in Epid**					**1.00**	**ADVISORY**	
71661	PI	LEC	201		ARR	ARR	Zoellner, Mukherjee	
722	**Pharmacoepidemiology**					**1.00**	**ADVISORY**	
71787	PI	LEC	201		ARR	ARR		
727	**Reproductive Persp**					**1.00**	**ADVISORY**	
71940	PI	LEC	201		ARR	ARR		
729	**Effective Oral Comm**					**3.00**		
71383	PIR	LEC	201		ARR	ARR	Brachman	
742	**Int Logi Poisson Mdl**					**1.00**	**ADVISORY**	
71384	PIR	LEC	201		ARR	ARR		
743	**Appl Linear Regress**					**1.00**	**ADVISORY**	
71385	PIR	LEC	201		ARR	ARR		
747	**Success Scient Writ**					**1.00**	**ADVISORY**	
71489	PI	LEC	201		ARR	ARR		
753	**Ethics, Epidemiology**					**1.00**	**ADVISORY**	
71941	PI	LEC	201		ARR	ARR		
757	**Introduction to Syst**					**1.00**	**ADVISORY**	
72773	PI	LEC	201		ARR	ARR		
759	**Intro to S A S**					**1.00**	**ADVISORY**	
71386	PI	LEC	201		ARR	ARR		
761	**Social Epidemiology**					**1.00**	**ADVISORY**	
72776	PI	LEC	201		ARR	ARR		
766	**Analysis of Longitud**					**1.00**		
71387	PI	LEC	201		ARR	ARR		
768	**Global Health Issues**					**1.00**		
71488	PI	LEC	201		ARR	ARR	Teruel	
770	**Env Deter Infct Dis**					**1.00**		
71672	PI	LEC	201		ARR	ARR	Wilson	
777	**Geographic Informat**					**1.00**		
71908	PI	LEC	201		ARR	ARR		
778	**Spatial Statistics**					**1.00**	**ADVISORY**	
73440	P	LEC	201		ARR	ARR		
783	**Methods in Community**					**1.00**		
71976	PI	LEC	201		ARR	ARR		
784	**Survival Analysis Ap**					**1.00**	**ADVISORY**	
71977	PI	LEC	201		ARR	ARR		

CAT# Class #	Course Title CODE	CMP	SEC	DAYS	TIME	LOCATION	CR INSTRUCTOR	PREREQ	LAB FEE
785	Public Health Survei						1.00		
71978	PI	LEC	201		ARR	ARR			
786	**Bias&its Ctrl Ep Res**						**1.00**	**ADVISORY**	
71979	PI	LEC	201		ARR	ARR			
787	**Multilevel Analysis**						**1.00**	**ADVISORY**	
72774	PI	LEC	201		ARR	ARR			
788	**Evolutionary Epid**						**1.00**		
72714	PI	LEC	201		ARR	ARR			
790	**Effective Oral Comm**						**1.00**		
72990	PD	LEC	201		ARR	ARR			
791	**Intermediate SAS**						**1.00**	**ADVISORY**	
73154	PD	LEC	201		ARR	ARR	Welch		
792	**Adv Meta-analysis**						**1.00**	**ADVISORY**	
73273	PD	LAB	201		ARR	ARR			
793	**Complex Systems Modl**						**2.00**		
73274	PD	LEC	201		ARR	ARR			
794	**Epidemiologic Method**						**1.00**		
73275	PD	LEC	201		ARR	ARR			
795	**e-Surveillance**						**1.00**	**ADVISORY**	
73346	PD	LEC	201		ARR	ARR			
796	**Epid Microbiome**						**1.00**		
73344	PD	LEC	201		ARR	ARR			
73345	PD	LEC	202		ARR	ARR			
797	**Epigenetics**						**1.00**	**ADVISORY**	
73347	PD	LEC	201		ARR	ARR			
798	**Data Analysis with R**						**1.00**		
73348	PD	LEC	201		ARR	ARR			
799	**Qualitative Methods**						**1.00**		
73439	P	LEC	201		ARR	ARR			
890	**Doct Sem in Epid**						**2.00**	**ADVISORY**	
	IR	IND	+		ARR	ARR			
891	**Adv Readings Epid**						**2.00**	**ADVISORY**	
	IR	IND	+		ARR	ARR			
970	**Research Epid**						**1.00-8.00**	**ADVISORY**	
	IR	IND	+		ARR	ARR			
974	**Res Epid Science**						**2.00-6.00**	**ADVISORY**	
	IR	IND	+		ARR	ARR			
990	**Diss-Precand**						**1.00-8.00**	**ADVISORY**	
	IR	IND	+		ARR	ARR			
995	**Diss-Cand**						**4.00**	**ENFORCED**	
	IR	IND	+		ARR	ARR			

Health Management And Policy

Health Management And Policy (HMP)

690	**Readings**						**1.00-4.00**	**ADVISORY**
	IR	IND	+		ARR	ARR		
815	**Readings**						**1.00-4.00**	**ADVISORY**
	I	IND	+		ARR	ARR		
995	**Diss-Cand**						**4.00**	**ENFORCED**
	IR	IND	+		ARR	ARR		

Health Behavior & Health Education Department

Health Behavior And Health Education (HBEHED)

625	**Research Hlth Behav**						**1.00-4.00**	**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**						**4.00**	**ENFORCED**
	IR	IND	+		ARR	ARR		

Public Policy
School Of Public Policy
Public Policy (PUBPOL)

490	**Independent Study**						**1.00-3.00**	
	I	IND	+		ARR	ARR		
600	**Directed Reading**						**1.00-3.00**	**ADVISORY**
	I	IND	+		ARR	ARR		
637	**Field Training**						**2.00-4.00**	**ADVISORY**
		IND	+		ARR	ARR		
700	**Directed 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**						**4.00**	**ENFORCED**
	IR	IND	+		ARR	ARR		

Rackham

Graduate School

Chemical Biology (CHEMBIO)

599	**Research Rotation**						**1.00-6.00**	
71972	P R	LAB	201		ARR	ARR	Mapp	
995	**Diss-Cand**						**4.00**	**ENFORCED**
	R	IND	+		ARR	ARR		

Rackham Graduate School (RACKHAM)

525	**Humanities**						**3.00**	
72057	PI	SEM	201	MWTH	11-1PM	4175 AH	Gunning	

Ross School of Business

School of Business Administration

Accounting (ACC)

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

557 Eval Fin Performance **2.25**
73309 P R REC 201 T 10-1220PM R2240 BUS Indjejikian

557 Eval Fin Performance **2.25**
P R REC 201 T 130-350PM R2240 BUS
This class is reserved exclusively for Master of Management students.

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

900 Special Research **1.00-6.00**
I IND + ARR ARR

990 Diss-Precand **1.00-8.00** **ADVISORY**
I IND + ARR ARR

995 Diss-Cand **4.00** **ENFORCED**
IR IND + ARR ARR

Business Administration (BA)

399 Indep Study Project **1.00-3.00**
I IND + ARR ARR

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

Business Communication (BCOM)

399 Independent Study **1.00-3.00**
I IND + ARR ARR

557 Bus Com for Managers **1.50**
73385 P R REC 201 F 9-1230PM R2310 BUS Zimmerman

557 Bus Com for Managers **1.50**
P R REC 201 M 130-5PM R2310 BUS
Seats in this class are reserved exclusively for Master of Management students.

557 Bus Com for Managers **1.50**
73386 P R REC 202 F 9-1230PM R2320 BUS Wisner

557 Bus Com for Managers **1.50**
P R REC 202 M 130-5PM R2320 BUS
Seats in this class are reserved exclusively for Master of Management students. Meets in R2230 on 7/8/16 and 7/15/16.

750 Independent Study **1.00-3.00**
I IND + ARR ARR

Business Economics And Public Policy (BE)

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

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 **4.00** **ENFORCED**
IR IND + ARR ARR

Business Law (BL)

399 Independent Study **1.00-3.00**
I IND + ARR ARR

750 Independent Study **1.00-3.00**
I IND + ARR ARR

Entrepreneurial Studies (ES)

212 Entrep Bus Basics **3.00** **57.00**
73563 P RW REC 201 MWF 1230-330PM R0220 BUS Svaan
ES 212 meets with UC 270

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

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

Finance (FIN)

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

557 Financial Management **2.25**
73310 P R REC 201 MW 10-1220PM R2240 BUS Carmel
This class is reserved exclusively for Master of Management students.

615 Valuation **2.25** **ADVISORY, ENFORCED**

CAT# / Class #	Course Title / CODE CMP SEC	DAYS	TIME	LOCATION	CR / INSTRUCTOR	PREREQ	LAB FEE
72044	P RW REC 451	TH	630-930PM	R1240 BUS	Carmel		
615	**Valuation**				**2.25**	**ADVISORY, ENFORCED**	
	P RW REC 451	T	630-930PM	R1240 BUS			
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**				**4.00**	**ENFORCED**	
	IR IND +		ARR	ARR			

Marketing (MKT)

399	**Indep Study Project**				**1.00-3.00**	**ADVISORY**	
	I IND +		ARR	ARR			
557	**Marketing Management**				**2.25**		
73311	P R REC 201	TH	10-1220PM	R2240 BUS	Branch		
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**				**4.00**	**ENFORCED**	
	IR IND +		ARR	ARR			

Management and Organizations (MO)

399	**Indep Study Project**				**1.00-3.00**	**ADVISORY**	
	I IND +		ARR	ARR			
561	**Inter Dyn in Mgt**				**3.00**		
73212	P RW REC 451	FSA	830-6PM	R0320 BUS	Caproni		
561	**Inter Dyn in Mgt**				**3.00**		
	P RW REC 451	SA	830-1PM	R0320 BUS			
2017 meet dates: 7/28, 7/29, 8/4, 8/5, 8:30 am - 6:00 pm (R0320); August 12, 8:30 am - 1 pm (R0320)							
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**				**4.00**	**ENFORCED**	
	IR IND +		ARR	ARR			

Strategy (STRATEGY)

399	**Indep Study Project**				**1.00-3.00**	**ADVISORY**	
	I IND +		ARR	ARR			
425	**ABIS**				**1.00**		
71945	PI REC 201		ARR	ARR	Zikakis		
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**				**4.00**	**ENFORCED**	
	IR IND +		ARR	ARR			

Technology and Operations (TO)

551	**Intro to Operations**				**3.00**	**ENFORCED**	**128.00**
73564	P RW REC 451	MW	630-930PM	R0220 BUS	Svaan		
551	**Intro to Operations**				**3.00**	**ENFORCED**	**128.00**
	P RW REC 451	F	630-930PM	R0220 BUS			
750	**Independent Study**				**1.00-3.00**		
	IND +		ARR	ARR			

Social Work
School Of Social Work
Social Work (SW)

300	**UG Topics SW Soc Chg**					**1.00-2.00**		
73690	P	SEM 001	TH	10-12PM	ARR	Williams		
300	**UG Topics SW Soc Chg**					**1.00-2.00**		
	P	SEM 001	TH	10-12PM	ARR			
	P	SEM 001	SASU	9-5PM	ARR			
Comm Act Soc Chg in Athletics								
300	**UG Topics SW Soc Chg**					**1.00-2.00**		
73691	P	SEM 002	TH	10-12PM	ARR	Williams		
300	**UG Topics SW Soc Chg**					**1.00-2.00**		
	P	SEM 002	SASU	9-5PM	ARR			
	P	SEM 002	TH	10-12PM	ARR			
Comm Act Soc Chg in Athletics								
515	**Fndtn Fld Instructn**					**1.00-2.00**		
	I	IND +		ARR	ARR			
517	**Ind Studies Aging**					**1.00-3.00**	**ADVISORY**	
	I	IND +		ARR	ARR			
518	**Ind Studies Aging**					**1.00-3.00**	**ADVISORY**	
	I	IND +		ARR	ARR			
519	**Ind Stds Hum Behav**					**1.00-3.00**	**ADVISORY**	
	I	IND +		ARR	ARR			
520	**Ind Stds Hum Behav**					**1.00-3.00**	**ADVISORY**	
	I	IND +		ARR	ARR			
523	**Ind Stds Inperprac**					**1.00-3.00**	**ADVISORY**	
		IND +		ARR	ARR			
524	**Ind Stds Inperprac**					**1.00-3.00**	**ADVISORY**	
	I	IND +		ARR	ARR			
525	**Ind Stds Chld&Yth**					**1.00-3.00**	**ADVISORY**	
	I	IND +		ARR	ARR			
526	**Ind Stds Chld&Yth**					**1.00-3.00**	**ADVISORY**	
	I	IND +		ARR	ARR			
532	**Ind Stds Health**					**1.00-3.00**	**ADVISORY**	
	I	IND +		ARR	ARR			
533	**Ind Stds Health**					**1.00-3.00**	**ADVISORY**	
	I	IND +		ARR	ARR			
546	**Ind Stds SWPS**					**1.00-3.00**	**ADVISORY**	
	I	IND +		ARR	ARR			
547	**Ind Stds SWPS**					**1.00-3.00**	**ADVISORY**	
	I	IND +		ARR	ARR			
553	**Ind Stds Comm Org**					**1.00-3.00**	**ADVISORY**	
	I	IND +		ARR	ARR			
554	**Ind Stds Comm Org**					**1.00-3.00**	**ADVISORY**	
	I	IND +		ARR	ARR			
555	**Ind Stds Comm & SS**					**1.00-3.00**	**ADVISORY**	
	I	IND +		ARR	ARR			
556	**Ind Stds Comm & SS**					**1.00-3.00**	**ADVISORY**	
	I	IND +		ARR	ARR			
566	**Ind Stds Mgt Hum S**					**1.00-3.00**	**ADVISORY**	
	I	IND +		ARR	ARR			
567	**Ind Stds Mgt Hum S**					**1.00-3.00**	**ADVISORY**	
	I	IND +		ARR	ARR			
576	**Ind Stds Pol&Eval**					**1.00-3.00**	**ADVISORY**	
	I	IND +		ARR	ARR			
577	**Ind Stds Pol&Eval**					**1.00-3.00**	**ADVISORY**	
	I	IND +		ARR	ARR			
581	**Ind Stds Mntl Hlth**					**1.00-3.00**	**ADVISORY**	
	I	IND +		ARR	ARR			
582	**Ind Stds Mntl Hlth**					**1.00-3.00**	**ADVISORY**	
	I	IND +		ARR	ARR			
583	**Ind Std Research**					**1.00-3.00**	**ADVISORY**	
	I	IND +		ARR	ARR			
584	**Ind Stds Research**					**1.00-3.00**	**ADVISORY**	
	I	IND +		ARR	ARR			
586	**Ind Studies Eval**					**1.00-3.00**	**ADVISORY**	
	I	IND +		ARR	ARR			
587	**Ind Studies Eval**					**1.00-3.00**	**ADVISORY**	
	I	IND +		ARR	ARR			
598	**Ind Stds Soc Work**					**1.00-3.00**	**ADVISORY**	
	I	IND +		ARR	ARR			
599	**Ind Stds Soc Work**					**1.00-3.00**	**ADVISORY**	
	I	IND +		ARR	ARR			
691	**Adv Field Instructn**					**1.00-12.00**	**ADVISORY**	
	I	IND +		ARR	ARR			
801	**Research Internship**					**1.00-8.00**	**ADVISORY**	

CAT# Class #	Course Title CODE	CMP	SEC	DAYS	TIME	LOCATION	CR INSTRUCTOR	PREREQ	LAB FEE
	I	IND	+		ARR	ARR			
802	**Research Internship**						**1.00-8.00**	**ADVISORY**	
	I	IND	+		ARR	ARR			
803	**Research Internship**						**1.00-8.00**	**ADVISORY**	
	I	IND	+		ARR	ARR			
900	**Prep Candidacy Eval**						**1.00-8.00**	**ADVISORY**	
	I	IND	+		ARR	ARR			
971	**Directed Reading**						**1.00-4.00**	**ADVISORY**	
		IND	+		ARR	ARR			
972	**Directed Reading**						**1.00-4.00**	**ADVISORY**	
	I	IND	+		ARR	ARR			
973	**Directed Reading**						**1.00-4.00**	**ADVISORY**	
	I	IND	+		ARR	ARR			
974	**Directed Reading**						**1.00-4.00**	**ADVISORY**	
	I	IND	+		ARR	ARR			
975	**Directed Research**						**1.00-4.00**	**ADVISORY**	
	I	IND	+		ARR	ARR			
976	**Directed Research**						**1.00-4.00**	**ADVISORY**	
	I	IND	+		ARR	ARR			
977	**Directed Research**						**1.00-4.00**	**ADVISORY**	
	I	IND	+		ARR	ARR			
978	**Directed Research**						**1.00-4.00**	**ADVISORY**	
	I	IND	+		ARR	ARR			
990	**Diss-Precand**						**1.00-8.00**	**ADVISORY**	
	I	IND	+		ARR	ARR			
995	**Diss-Cand**						**4.00**	**ENFORCED**	
	IR	IND	+		ARR	ARR			

Stamps School of Art & Design

School Of Art And Design

Art and Design Study Abroad (ADABRD)

313	**Photographing Paris**					**3.00**		
73383	PD	LAB	601	ARR	ARR	Turnley		
320	**Burren**					**1.00-18.00**		
73321	PD	LAB	601	ARR	ARR			
321	**Danish Institute**					**1.00-18.00**		
73250	PD	LAB	601	ARR	ARR			
322	**SACI**					**1.00-18.00**		
73320	PI	LAB	601	ARR	ARR			
383	**City ofLight:Lng&Cul**					**3.00**		
73384	P	LAB	601	ARR	ARR	Van Gent		

Art and Design (ARTDES)

350	**Independent Study**					**1.00-3.00**	**ADVISORY**	
	D	IND	+	ARR	ARR			
351	**Internship**					**1.00-3.00**	**ADVISORY**	**70.00**
	D	IND	+	ARR	ARR			
495	**Outreach Internship**					**1.00-3.00**		
	D	IND	+	ARR	ARR			
500	**Independent Studio**					**1.00-6.00**		
		IND	+	ARR	ARR			
608	**Internship**					**1.00-6.00**	**ADVISORY**	
	I	IND	+	ARR	ARR			
850	**Graduate Studio**					**3.00**	**ADVISORY**	
	D	IND	+	ARR	ARR			