## **Undergraduate Terms Offered - ACCT-ENVR**

**X**-Offered **AY**-Offered in alternating years **AN**-Offered as needed **VAR**-Offered varying by year

If there is no specific term listed for a course, contact your advisor or the department offering the course.

College	Course	Title	Fall	Winter	Spring	Summer
В	ACCT 115	Fin Accounting Foundations	Х	Х	Х	Х
В	ACCT 116	Managrl Acctg Foundations	Х	Х	Х	Х
В	ACCT 120	Accounting for New Ventures				Х
В	ACCT 321	Financial Reporting I	Х	Х	Х	Х
В	ACCT 322	Financial Reporting II	Х	Х	Х	Х
В	ACCT 323	Financial Reporting III			Х	
В	ACCT 331	Cost Accounting	Х	Х	Х	
В	ACCT 336	Intro Interntl Accounting			Х	
В	ACCT 341	Principles of Auditing	Х	Х	Х	Х
В	ACCT 352	Accounting Information Systems	Х	Х	Х	Х
В	ACCT 355	Forensic Accounting	Х			
E	AE 220	Introduction to HVAC		Х		Х
Е	AE 340	Arch Illum & Elect Sys	Х		Х	
E	AE 380	Special Tops Arch Engr		Х		
Е	AE 390	Arch Engr Design I	Х		Х	
Е	AE 391	Arch Engr Design II		Х		Х
Е	AE 430	Control Systems for HVAC			Х	
AS	AFAS 101	Intro to Africana Studies	Х	Х	Х	Х
AS	AFAS 201	Cross Currents in AFAS	Х		Х	
AS	AFAS 250	African American Herstories		Х		
AS	AFAS 295	Special Topics in AFAS		Х		
AS	AFAS 301*	Politics of Hip Hop				
AS	AFAS 310*	Women, Crime, & History				
AS	AFAS 385*	Rum, Rice & Revolution				
AS	AFAS 401*	Urban Social Just Prac I				
AS	AFAS 402*	Urban Social Just Prac II				
NH	ANAT 101	Anatomy & Physiology I	Х	Х		
NH	ANAT 102	Anatomy & Physiology II		Х	Х	
NH	ANAT 103	Anatomy & Physiology III			Х	X
NH	ANAT 202	Sectional Anatomy	Х	Х		Х
NH	ANAT 420	Advanced Anatomy I	Х		Х	
NH	ANAT 421	Advanced Anatomy II		Х		Х
AS	ANTH 101	Cult Divers: Intro Cult Anthro	Х	Х	Х	Х
AS	ANTH 110	Hum Past: Anth/Prehis Arc	Х	Х	Х	Х
AS	ANTH 120*	Bib Archaeology Isrl/Jord				

AS	ANTH 210*	Worldview: Sci/Rel/Magic				
AS	ANTH 212	Topics in World Ethnography	Х		Х	AY
AS	ANTH 215	Anthropology of Gender	Х			
AS	ANTH 220	Age In Cross-Cult Perspec	AY		AY	
AS	ANTH 255	Psychological Anthropology		Х		
AS	ANTH 310	Soc In Tran: Mdrn & 3 Wld	Х			Х
AS	ANTH 312	Appr Intercultural Behvr		Х		Х
AS	ANTH 330	Media Anthropology	AY			AY
AS	ANTH 355	Anthropology of Cyberspace		AY		
AS	ANTH 360	Culture and the Environment	Х			
AS	ANTH 363	Sacred Traditions of the East		Х		
AS	ANTH 365	Family and Kinship			Х	
AS	ANTH 370	Ethnographic Methods			Х	
AS	ANTH 390	Seminar in Ethnography			Х	
AS	ANTH 410	Cultural Theory		AY	AY	
AS	ARBC 101	Arabic I	Х	Х	Х	Х
AS	ARBC 102	Arabic II	Х	Х	Х	Х
AS	ARBC 103	Arabic III	Х	Х	Х	Х
AS	ARBC 201	Arabic IV	Х	Х	Х	Х
AS	ARBC 202	Arabic V	Х	Х	Х	Х
AS	ARBC 203	Arabic VI	Х	Х	Х	Х
AS	ARBC 301	Arabic VII	Х	Х	Х	Х
AS	ARBC 302	Arabic VIII	Х	Х	Х	Х
AS	ARBC 303	Arabic IX	Х	Х	Х	Х
AS	ARBC 411	Intro to Arabic Stylistics	Х		Х	
AS	ARBC 471	Arabic Civilization		Х		
AS	ARBC 480	Arabic Minor Thesis Course	AN	AN	AN	AN
А	ARCH 101	Studio 1-A	Х			
Α	ARCH 102	Studio 1-B		Х		
А	ARCH 103	Studio 2-A			Х	
А	ARCH 104	Studio 2-B	Х			
А	ARCH 105	Studio 3-A		Х		
А	ARCH 106	Studio 3-B			Х	
А	ARCH 111	Studio 1-1	Х	Х		
Α	ARCH 112	Studio 1-2		Х	Х	
А	ARCH 113	Studio 1-3			Х	Х
Α	ARCH 121	Studio 2-1	Х			
А	ARCH 122	Studio 2-2		Х		
А	ARCH 123	Studio 2-3			Х	
А	ARCH 141	Architecture and Society I	Х		Х	
Α	ARCH 142	Architecture and Society II		Х		Х

Α	ARCH 143	Architecture and Society III	X		X	
Α	ARCH 150	Intro To CADD I				Х
А	ARCH 151	Architectural Drawing I	Х			
Α	ARCH 152	Architectural Drawing II		Х	Х	
Α	ARCH 153	Intro to CADD II		Х		Х
Α	ARCH 155	Basic Architectural Drawing	Х	Х		
Α	ARCH 156	Graphic Communications I		Х	Х	Х
Α	ARCH 161	Architectural Construction	Х		Х	
Α	ARCH 191	Studio 1-1		Х		Х
Α	ARCH 192	Studio 1-2	Х		Х	
Α	ARCH 231	Studio 3-1	Х			
Α	ARCH 232	Studio 3-2		Х		
А	ARCH 233	Studio 3-3			Х	
Α	ARCH 241	Studio 4-1	Х			
Α	ARCH 242	Studio 4-2		Х		
Α	ARCH 243	Studio 4-3			Х	
А	ARCH 261	Environmental Systems I	Х			
Α	ARCH 262	Environmental Systems II		Х	Х	
А	ARCH 263	Environmental Systems III			Х	
Α	ARCH 321	General Lecture Series I	Х			
А	ARCH 322	General Lecture Series II		Х		
Α	ARCH 336*	Professional Practice II				
А	ARCH 341	Theories of Architecture I	Х			
Α	ARCH 342	Theories of Architecture II		Х		
Α	ARCH 343	Theories of Architecture III			Х	
Α	ARCH 344	History of Modern Movement I	Х			
Α	ARCH 345	History of Modern Movement II		Х		
Α	ARCH 346	History Philadelphia Arch				Х
Α	ARCH 347	Summer Study Tour Abroad				Х
Α	ARCH 348	Studies in Vernacular Arch			Х	
Α	ARCH 351	Studio 5-1	Х			
Α	ARCH 352	Studio 5-2		Х		
Α	ARCH 353	Studio 5-3			Х	
Α	ARCH 361	Studio 6-1	Х			
Α	ARCH 362	Studio 6-2		Х		
Α	ARCH 363	Studio 6-3			Х	
Α	ARCH 421	Enviro Psych & Desgn Thry				Х
Α	ARCH 431	Architectural Programming			Х	Х
Α	ARCH 432	The Development Process			Х	
Α	ARCH 435	Management Seminar I	Х			
Α	ARCH 436	Management Seminar II		Х		

А	ARCH 441	Urban Design Seminar I	x			
А	ARCH 442	Urban Design Seminar II		Х		
Α	ARCH 451	Advanced Drawing			Х	
Α	ARCH 455*	Comp Appls Arch I				
Α	ARCH 463	Emerging Architectural Tech				Х
Α	ARCH 464	Building Enclosure Design				Х
Α	ARCH 465	Energy and Architecture				Х
Α	ARCH 496	Thesis I	Х			
Α	ARCH 497	Thesis II		Х		
Α	ARCH 498	Thesis III			Х	
Α	ARTH 101	Hist/Art: Ancient-Medieval	Х	Х		Х
А	ARTH 102	Hist/Art: High Ren-Modern	Х	Х	Х	Х
А	ARTH 103	Hist Art- Erly/Late Modrn	Х		Х	Х
Α	ARTH 300	History of Modern Design	Х	Х	Х	Х
А	ARTH 301	Asian Art and Culture	Х		Х	
Α	ARTH 302	Art of India		Х		
Α	ARTH 303	Art of China		Х		
Α	ARTH 304	Art of Japan			Х	
Α	ARTH 335	Hist Costume: Precl-Directoire	Х		Х	
Α	ARTH 336	Hist Cstm-Directoire/Wwi		Х		Х
Α	ARTH 337	Hst Cstm: Post WWI/Pres	Х			
AS	AS-A 351	Study Abroad Lit/Civ/Arts	Х	Х	Х	X
AS	AS-A 352	Study Abroad-Psyc/Socio	Х	Х	Х	Х
AS	AS-A 353	Study Abroad-Hist/P Sci	Х	Х	Х	X
AS	AS-A 354	Study Abroad-Euro Union	Х	Х	Х	Х
AS	AS-I 180*	Interdiscip St Arts/Sci				
AS	AS-I 265*	Spec Interdis St Arts/Sci				
NH	BACS 100	Life-Span Human Development	Х	Х		
NH	BACS 200	Found of Behavioral HIth Care	X			
NH	BACS 210	Behavioral Disorders	Х	Х		
NH	BACS 220	Counseling Theory and Practice	Х			
NH	BACS 230	Genetics and Mental Health		Х		
NH	BACS 232	Ethics and Prof Responsibility		Х	Х	
NH	BACS 234	Intro to Addictive Disorders	Х	Х	Х	
NH	BACS 236	Psychiatric Rehab Princ/Pract	Х		Х	
NH	BACS 255	Multicultural Counseling		Х	Х	
NH	BACS 301	Group Counseling I	Х			Х
NH	BACS 304	Cogn-Behavioral Counseling I	Х			
NH	BACS 310	Recovery/Relapse Prevention		Х		
NH	BACS 312	Case Management Methods	Х		Х	
NH	BACS 320	Crisis and Brief Intervention	X			

NH	BACS 325	Psychopharmacology for Counsel		Х	Х	
NH	BACS 350	Child Psychopathology	X		Х	
NH	BACS 360	Preventing Substance Abuse			Х	Х
NH	BACS 367	Adv Counseling Intervention	Х		Х	Х
NH	BACS 368	Addictions Counsel w/ Spec Pop		Х		
NH	BACS 370	Problem Gambling Interventions	Х		Х	Х
NH	BACS 401	Assessment/Treatment Planning			Х	Х
NH	BACS 404	Cogn-Behavioral Counseling II	X	Х		
NH	BACS 405	Family-Focused Interventions		Х	Х	
NH	BACS 410	Child and Adolescent Support			Х	X
NH	BACS 411	Forensic Behavior Hlth Service		X	Х	
NH	BACS 412	Group Counseling II		Х		Х
NH	BACS 414	Co-Occurring Disorders			Х	Х
NH	BACS 420	Psychiatric Rehab Competencies		Х	Х	
NH	BACS 490	Senior Research Project		Х	Х	Х
NH	BACS 499	Readings in Behavioral Health	Х	Х	Х	Х
G	BET 301*	Healthcare Technology				
G	BET 302*	Biomedical Electronics				
G	BET 303*	Medical Imaging Systems				
G	BET 305*	Clinical Laboratory Equipment				
AS	BIO 100	App Cells, Genetics & Phys	Х		Х	
AS	BIO 101	App Bio Diversity, Eco & Evol		Х		Х
AS	BIO 106	Bio III: Organismal Bio			Х	
AS	BIO 107	Cells, Genetics & Physiology	Х		Х	
AS	BIO 108	Cells, Genetics & Phys Lab	Х		Х	
AS	BIO 109	Bio Diversity, Eco & Evol		Х		Х
AS	BIO 110	Bio Diversity, Eco & Evol Lab		Х		Х
AS	BIO 118	Basics of Cancer	Х			Х
AS	BIO 122	Cells and Genetics	Х		Х	
AS	BIO 124	Evolution & Organismal Div		Х		
AS	BIO 126	Physiology and Ecology			Х	
AS	BIO 141	Essential Biology			Х	Х
AS	BIO 161	General Biology I	Х			
AS	BIO 162	General Biology II		Х		
AS	BIO 163	General Biology III			Х	
AS	BIO 164*	General Biology Lab I				
AS	BIO 165*	General Biology Lab II				
AS	BIO 166*	General Biology Lab III				
AS	BIO 201	Human Physiology I	Х		Х	
AS	BIO 202	Human Physiology Laboratory	Х	Х	Х	Х
AS	BIO 203	Human Physiology II		Х		Х

AS	BIO 212	Biotechnology		1	x	
AS	BIO 214	Principles of Cell Biology	Х		Х	
AS	BIO 215	Techniques in Cell Biology		Х		Х
AS	BIO 217	Evolution	Х		Х	
AS	BIO 218	Principles of Molecular Bio		Х		Х
AS	BIO 219	Techniques in Molecular Bio	Х	Х	Х	Х
AS	BIO 220	Essential Microbiology	Х	Х		Х
AS	BIO 221	Microbiology	Х	Х		Х
AS	BIO 222	Microbiology Laboratory	Х	Х		Х
AS	BIO 223	Parasitology		Х		
AS	BIO 224	Form, Function & Evol of Verts		Х	Х	Х
AS	BIO 225	Vertebrate Bio & Evolution Lab		Х	Х	Х
AS	BIO 226	Microbiology for Health Prof'l	Х		Х	Х
AS	BIO 231	Cell Physiology				
AS	BIO 244	Genetics I		Х		Х
AS	BIO 254	Invertebrate Morph & Phys		Х		Х
AS	BIO 255	Invertebrate Morph & Phy Lab		Х		Х
AS	BIO 256	Vertebrate Morph & Phys	Х			
AS	BIO 264	Ethnobotany			AY	
AS	BIO 270	Development Biology	Х		Х	
AS	BIO 271	Developmental Biology Lab	Х		Х	
AS	BIO 284*	Biology of Stress				
AS	BIO 306	Biochemistry Laboratory	Х	Х	Х	Х
AS	BIO 310*	Comparative Physiology				
AS	BIO 311	Metabolism	Х		Х	
AS	BIO 312	Genetically Modified Foods				Х
AS	BIO 313*	Comparative Physiology Lab				
AS	BIO 314	Pharmacology		Х		Х
AS	BIO 318	Biology of Cancer	Х		Х	
AS	BIO 320	Microbial Pathogenesis			Х	
AS	BIO 331	Bioinfomatics I	Х			
AS	BIO 332	Bioinformatics II		Х		
AS	BIO 333	Bioinformatics Laboratory	X			
AS	BIO 346	Stem Cell Research		AY		
AS	BIO 368	Embryology				Х
AS	BIO 370	Teratology			Х	
AS	BIO 386	Gross Anatomy		Х		Х
AS	BIO 387	Gross Anatomy Lab		Х		X
AS	BIO 404	Struct/Funct of Biomolecules	X			
AS	BIO 412	Biology of Aging	AY		AY	
AS	BIO 413	Genomics	AY			

AS	BIO 415	Proteins			Х	
AS	BIO 420	Virology			Х	
AS	BIO 421	Biomembranes		Х		
AS	BIO 426	Immunology	Х			
AS	BIO 427*	Immunology Lab				
AS	BIO 430	Cell Biology of Disease				Х
AS	BIO 433	Advanced Cell Biology		Х		
AS	BIO 434	Advanced Cell Biology Lab		Х		
AS	BIO 435	ImmunoBio of Disease		Х		
AS	BIO 444	Human Genetics	X		Х	
AS	BIO 445	Microbial Genetics			AY	
AS	BIO 447	Adv Genetics & Molecular Bio		Х		
AS	BIO 451	Genetic Reg Development		AY		
AS	BIO 462	Biology of Neuron Function	Х			
AS	BIO 463	Mol Mech of Neurodegeneration		AY		
AS	BIO 465	Neurobiology of Disease		Х		
AS	BIO 471	Seminar in Biological Sciences	Х			
AS	BIO 472	Seminar in Biological Science		Х		
AS	BIO 473	Seminar in Biological Science			Х	
AS	BIO 497	Research	Х	Х	Х	Х
В	BLAW 201	Business Law I	Х	Х	Х	Х
В	BLAW 202	Business Law II	Х	Х	Х	Х
В	BLAW 321	Law of Business Organizations		Х	Х	Х
В	BLAW 330	Real Estate		Х	Х	
В	BLAW 334	Labor Law		Х		
В	BLAW 338	Govt Regulation Business		Х		Х
В	BLAW 340	International Business Law	Х	Х	Х	Х
В	BLAW 342	Criminal Law	Х		Х	Х
В	BLAW 346	Entrepreneur Law	Х		Х	Х
В	BLAW 348	White Collar Crime		Х	Х	Х
В	BLAW 356	Legal Issues Corp Governance				Х
В	BLAW 358	Employment Law	Х			
В	BLAW 360	Intellectual Prop/Cyber Law		Х	Х	
В	BLAW 481	Special Topics in Business Law	AN	AN	AN	AN
R	BMES 125	Foundns of Biomed Engineering	Х		Х	
R	BMES 212	The Body Synthetic		Х		Х
R	BMES 301	Lab I: Exp Biomechanics	Х		Х	
R	BMES 302	Lab II: Biomeasurements	Х		Х	
R	BMES 303	Lab III: Biomed Electronics		Х		Х
R	BMES 304	Lab IV: Ultrasound Images	Х		Х	
R	BMES 305	Lab V:Musculoskel Anat for BME	Х		Х	

R	BMES 310	Biomedical Statistics		x		x
R	BMES 315	Exp Design in Biomed Research	Х		Х	
R	BMES 325	Princ of Biomed Eng I	Х		Х	
R	BMES 326	Princ of Biomed Eng II		Х		Х
R	BMES 335	Biomedical Informatics I	Х			
R	BMES 336	Hosp & Pat Info/Informatics II		Х		
R	BMES 338	Biomedical Ethics and Law	Х		Х	
R	BMES 340	Health Care Administration		Х		Х
R	BMES 350	Med & Bio Effects Of Light		Х		Х
R	BMES 372	Biosimulation	Х		Х	
R	BMES 375	Computational Bioengineering		Х		Х
R	BMES 381	Junior Design Seminar I	Х		Х	
R	BMES 382	Junior Design Seminar II		Х		Х
R	BMES 391	Biomedical Instrumentation I	Х			
R	BMES 392	Biomedical Instrumentation II		Х		
R	BMES 401	Biosensors I	Х		Х	
R	BMES 402	Biosensors II		Х		Х
R	BMES 405	Physiological Control Systems		Х		Х
R	BMES 409	Entrepreneurship for BMES	Х	Х	Х	Х
R	BMES 411	Chronoengr I: Bio Rhythms	Х		Х	
R	BMES 412	Chronoengr II: Sleep Functions		Х		Х
R	BMES 421	Biomed Imaging Sys. I: Images	Х			
R	BMES 422	Biomed Imaging Systems II		Х		
R	BMES 423	Biomed Imaging Systems III			Х	
R	BMES 430	Neur Asp of Posture & Locomot	Х		Х	
R	BMES 432	Biomed Systems and Signals	Х			
R	BMES 440	Introduction to Biodynamics	Х			
R	BMES 441	Biomechanics I:	Х			
R	BMES 442	Biomechanics II		Х		
R	BMES 443	Biomechanics III			Х	
R	BMES 444	Biofluid Mechanics			Х	
R	BMES 451	Trans. Phenomena in Living Sys	Х	Х		Х
R	BMES 460	Biomaterials I	Х			
R	BMES 461	Biomaterials II		Х		
R	BMES 471	Tissue Engineering I	Х			
R	BMES 472	Tissue Engineering II		Х		
R	BMES 475	Biomaterials & Tissue Engr III			Х	
R	BMES 477	Neuroengineering I		Х		
R	BMES 478	Neuroengineering II			Х	
R	BMES 483	Quantitative Systems Biology		Х		
R	BMES 484	Genome Information Engineering			Х	

R	BMES 488	Medical Device Development			Х	
R	BMES 491	Senior Design Project I	Х			
R	BMES 492	Senior Design Project II		Х		
R	BMES 493	Senior Design Project III			Х	
R	BMES 494	Clinical Practicum I	Х			
R	BMES 495	Clinical Practicum II		Х		
R	BMES 496	Clinical Practicum III			Х	
В	BUSN 101	Foundations of Business I	Х	Х	Х	
В	BUSN 102	Foundations of Business II	Х	Х	Х	Х
В	BUSN 103	Adv First Year Busn Seminar	Х	Х	Х	X
В	BUSN 104	Career Mgmt for Non Co-op Stud		Х		
В	BUSN 111	Foundations for Business	Х	Х	Х	X
В	BUSN 301	Acct & Fin for Nonfinan Prfnls	Х			
В	BUSN 451	Business Consulting	Х	Х	Х	Х
В	BUSN 481	Special Topics in Business		Х		
В	BUSN 498	Special Topics in Gen Business			Х	
Е	CAE 491	Senior Design Project I	Х			
Е	CAE 492	Senior Design Project II		Х		
Е	CAE 493	Senior Design Project III			Х	
Е	CAEE 201	Intro to Infrastructure Engr	Х		Х	
Е	CAEE 210	Measurements in CAE Engr I		Х		Х
Е	CAEE 211	Measurements in CAE Engr II		Х		X
G	CAT 200	Strategies: Lifelong Learning	Х	Х	Х	Х
G	CAT 201	Interpersonal Communication	Х	Х	Х	Х
G	CAT 301	Project Management	Х	Х		Х
G	CAT 302	Cust Service Theory & Practice	Х	X		X
G	CAT 303	Client Relations Management	Х		Х	
G	CAT 360	Appl Organizational Research	Х	Х		
G	CAT 491	Senior Project CAT I		Х	Х	
G	CAT 492	Senior Project CAT II			Х	
Е	CHE 201	Process Material Balances	Х		Х	
Е	CHE 202	Process Energy Balances		Х		Х
Е	CHE 206	Basic Chem Eng Thermodynamics		Х		Х
Е	CHE 250*	Chem Engr Process Principles				
Е	CHE 301	Process Thermodynamics	Х		Х	
Е	CHE 302	Process Fluid Mechanics		Х		Х
Е	CHE 303	Process Heat Transfer	Х		Х	
Е	CHE 304	Process Mass Transfer		Х		Х
Е	CHE 305	Process Separations	Х		Х	
Е	CHE 307	Process Modeling I	Х		Х	
Е	CHE 308	Process Modeling II		X		X

E	CHE 310*	Transport Phenomena				
Е	CHE 311*	Fluid Flow and Transport				
Е	CHE 332	Chem Engr Lab I		Х		Х
E	CHE 333	Chemical Engineering Lab II	Х		Х	
Е	CHE 334	Chemical Engineering Lab III		Х		Х
Е	CHE 335	Statistics &Design Experiments		Х		Х
Е	CHE 360	BioProcess Principles		Х		
Е	CHE 420	Process Systems Engineering	Х			
Е	CHE 424	Chem Kinetics & Reactor Design	Х			
Е	CHE 450	Chemical Process Industries		Х		
Е	CHE 451	Safety Engineering			Х	
Е	CHE 452	Polymer Process Technology			Х	
Е	CHE 460*	Biochemical Engineering				
Е	CHE 481	Process Design I	Х			
Е	CHE 482	Process Design II		Х		
Е	CHE 483	Process Design III			Х	
AS	CHEC 352	Phys Chem & Apps II	Х	Х	Х	
AS	CHEC 353	Phys Chem & Apps III		Х	Х	Х
AS	CHEM 050	Preparatory Chemistry				Х
AS	CHEM 101	General Chemistry I	Х	Х		Х
AS	CHEM 102	General Chemistry II		Х	Х	
AS	CHEM 103	General Chemistry III	Х	Х	Х	
AS	CHEM 108	Health Chemistry I	Х			
AS	CHEM 111	General Chemistry I	Х			
AS	CHEM 112	General Chemistry II		Х		
AS	CHEM 113	General Chemistry I Laboratory	Х			
AS	CHEM 151	Applied Chemistry	Х	Х	Х	Х
AS	CHEM 161	General Chemistry I	Х		Х	Х
AS	CHEM 162	General Chemistry II	Х	Х		Х
AS	CHEM 163	General Chemistry III			Х	Х
AS	CHEM 164	General Chemistry Laboratory I			Х	Х
AS	CHEM 165	General Chem Lab II			Х	Х
AS	CHEM 201	Why Things Work: Everyday Chem			Х	
AS	CHEM 230	Quantitative Analysis	Х		Х	Х
AS	CHEM 231	Quant Analysis Laboratory	Х		Х	Х
AS	CHEM 241	Organic Chemistry I	Х		Х	X
AS	CHEM 242	Organic Chemistry II	Х	Х		X
AS	CHEM 243	Organic Chemistry III	Х	Х	Х	
AS	CHEM 244	Organic Chemistry Laboratory I	Х	Х	Х	X
AS	CHEM 245	Organic Chem Lab II	Х	Х	Х	X
AS	CHEM 252	Physical Chemistry I	Х	X		

AS	CHEM 253	Thermodynamics & Kinetics	l x			
AS	CHEM 270	Software Skills for Chemists		Х		
AS	CHEM 346	Qualitative Organic Chemistry	Х			
AS	CHEM 355	Physical Chemistry IV	Х			
AS	CHEM 356	Physical Chemistry Lab	Х		Х	
AS	CHEM 357	Physical Chemistry Lab I		Х		
AS	CHEM 358	Physical Chemistry Lab II	Х		Х	
AS	CHEM 359	Atomic/Molecular Spectroscopy		Х		
AS	CHEM 364	Spectroscopic Analysis	Х			
AS	CHEM 367	Chemical Information Retrieval	Х			
AS	CHEM 420	Mol Sym & Grp Theory/ Chem		Х		
AS	CHEM 421	Inorganic Chemistry I	Х			
AS	CHEM 422	Inorganic Chemistry II			Х	
AS	CHEM 425	Inorganic Chemistry Lab			Х	
AS	CHEM 430	Analytical Chemistry I	Х			
AS	CHEM 431	Analytical Chemistry II		Х		
AS	CHEM 465	Synthetic Polymer Chemistry	Х			
AS	CHEM 466	Physical Chemistry of Polymers		Х		
AS	CHEM 493	Senior Research Project	Х	Х	Х	Х
AS	CHEM 497	Research	Х	Х	Х	Х
AS	CHIN 101	Chinese I	Х	Х	Х	Х
AS	CHIN 102	Chinese II	Х	Х	Х	Х
AS	CHIN 103	Chinese III	Х	Х	Х	Х
AS	CHIN 201	Chinese IV	Х	Х	Х	Х
AS	CHIN 202	Chinese V	Х	Х	Х	Х
AS	CHIN 203	Chinese VI: Convers & Comp	Х	Х	Х	Х
AS	CHIN 301	Chinese VII	Х	Х	Х	Х
AS	CHIN 302	Chinese VIII	Х	Х	Х	Х
AS	CHIN 303	Chinese IX	Х	Х	Х	Х
AS	CHIN 411	Intro Chinese Stylistics	X			
AS	CHIN 431	Intro Chinese Literature		Х		
AS	CHIN 451	Intro Bus & Prof Chinese			X	
AS	CHIN 480	Chinese Minor Thesis Course	AN	AN	AN	AN
Е	CIVE 240	Engineering Economic Analysis	Х	Х	Х	
Е	CIVE 250	Construction Materials		Х		Х
Е	CIVE 251	Engineering Surveying	Х			
Е	CIVE 261	Mater & Struct Behavior I	Х			
Е	CIVE 262	Materls & Struct Behvr II		Х		
Е	CIVE 263	Materls & Struc Behav III			Х	
Е	CIVE 300	Theory of Structures I	Х		Х	
Е	CIVE 301	Theory of Structures II		Х		Х

E	CIVE 310	Soil Mechanics I	x		x	
Е	CIVE 320	Introduction to Fluid Flow	Х		Х	
Е	CIVE 330	Hydraulics		Х		Х
Е	CIVE 341*	Municipal Water Facilities				
Е	CIVE 370	Intro To Struc Analysis	Х		Х	
Е	CIVE 371	Intro Structural Design		Х		Х
Е	CIVE 372	Structural Laboratory		Х		Х
Е	CIVE 375	Structural Material Behavior		Х		Х
Е	CIVE 400	Structural Design I	Х			
Е	CIVE 401	Structural Design II		Х		
Е	CIVE 402	Structural Design III			Х	
Е	CIVE 410	Foundation Engineering		Х		Х
Е	CIVE 420*	Water and Waste Treatment I				
Е	CIVE 430	Hydrology	Х		Х	
Е	CIVE 431	Hydrology-Ground Water		Х		
Е	CIVE 432*	Water Resources Design				
Е	CIVE 477	Seminar	Х			
Е	CIVE 478	Seminar		Х		
AS	CJ 204	Criminology	Х	Х	Х	Х
AS	CJ 206	Criminal Justice	Х	Х	Х	Х
AS	CJ 265	Criminal Investigation		Х		
AS	CJ 266*	Crime Prevention Planning				
AS	CJ 267*	Intro to Security Studies				
AS	CJ 273	Surveillance, Tech & the Law		AY	AY	
AS	CJ 274	Sex, Violence & Crime-Internet		AY	AY	
AS	CJ 275	Issues in Domestic Violence	AY		AY	
AS	CJ 276	Introduction to Computer Crime	AY		AY	
AS	CJ 277	Intro-Correctional Practices			AY	
AS	CJ 278	Intro to Law Enforcement	Х		Х	
AS	CJ 280	Communities and Crime		AY		AY
AS	CJ 282	Community Policing		AY		
AS	CJ 289	Terrorism				Х
AS	CJ 360	Juvenile Justice		Х		
AS	CJ 362	Gender, Crime & Justice		Х		
AS	CJ 364	Community Corrections			AY	
AS	CJ 365	Comp Investigation & the Law	AY		AY	
AS	CJ 372	Death Penalty			Х	
AS	CJ 373	Environmental Crimes	AY		AY	
AS	CJ 374	Restorative Justice	Х			
AS	CJ 375	Criminal Procedure	Х			
AS	CJ 376	Sentencing		Х		

AS	CJ 377	Intellectual Property Theft		AY	AY	
AS	CJ 378	Science of Forensic Science	Х		Х	
AS	CJ 379	Forensic DNA Analysis		Х		
AS	CJ 381	Legal Research & Writing I	AY			
AS	CJ 382	Legal Research & Writing II		AY		
AS	CJ 390	Internship in Criminal Justice	Х			
AS	CJ 400	Critical Issues in CJ			Х	
G	CMGT 101	Intro to Construction Mgmt	Х	Х		
G	CMGT 161	Bldg Mtls & Constr Mthds I	Х			
G	CMGT 162	Bldg Mtls & Constr Mthds II		Х		
G	CMGT 163	Bldg Mtls & Constr Mthds III			Х	
G	CMGT 261	Construction Safety	Х	Х		
G	CMGT 262	Building Codes		Х	Х	
G	CMGT 263	Understdg Construction Drwgs	Х		Х	
G	CMGT 264	Const Mgmt of Field Operations		Х	Х	
G	CMGT 265	Info Technologies in Constrctn	Х			
G	CMGT 266	Building Systems I	Х			
G	CMGT 267	Building Systems II		Х		
G	CMGT 361	Contracts And Specifications I	Х		Х	
G	CMGT 362	Contracts & Specs II	Х	Х		
G	CMGT 363	Estimating I	Х		Х	
G	CMGT 364	Estimating II	Х	Х		
G	CMGT 365	Soil Mechanics in Construction	Х	Х		
G	CMGT 371	Struct Aspects in Construct I	Х	Х		
G	CMGT 372	Struct Aspects in Constr II		Х	Х	
G	CMGT 451	Heavy Constr Principles & Prac		Х		
G	CMGT 461	Construction Management I		Х	Х	
G	CMGT 463	Value Engineering I	Х		Х	
G	CMGT 465	Marketing Construct Services			Х	
G	CMGT 467	Techniques of Project Control	Х	Х		
G	CMGT 468	Real Estate			X*	
G	CMGT 469*	Constr Seminar: Contemp Issues				
AS	COM 101	Human Communication	Х			
AS	COM 111	Principles of Communication	Х	Х	Х	Х
AS	COM 150	Mass Media and Society	Х	Х	Х	Х
AS	COM 210	Theory/Models Of Commun	Х	Х	Х	Х
AS	COM 220	Qualitative Research Methods	Х	Х	Х	Х
AS	COM 230	Techniques of Speaking	Х	Х	Х	Х
AS	COM 240	New Technol In Commun	Х	Х	Х	Х
AS	COM 260	Fundamentals of Journalism	Х	Х	Х	Х
AS	COM 265	Radio Journalism				

AS	COM 270	Business Communication	x	x	x	x
AS	COM 280	Public Relations	Х	Х	Х	Х
AS	COM 281	Advanced Public Relations	Х	Х		
AS	COM 282	Public Relations Writing			Х	
AS	COM 290	Sports and the Mass Media	Х			
AS	COM 300	On-Line Journalism			AY	
AS	COM 305	Sports Journalism	AY			
AS	COM 310	Technical Communication	Х	Х	Х	Х
AS	COM 311	Dynamics of Interpersonal Com		AY	AY	
AS	COM 315	Advanced Journalism			AY	
AS	COM 316*	Campaigns for Health & Envrmt				
AS	COM 317*	Environmental Communication				
AS	COM 318*	Film/Celeb/Environmental Movt				
AS	COM 320	Science Writing			Х	
AS	COM 325	Cultural Significance of Fame			AY	
AS	COM 330	Professional Presentations	Х	Х	Х	Х
AS	COM 335	Electronic Publishing	Х	Х		Х
AS	COM 340	Desktop Publishing	Х		Х	
AS	COM 342	English Worldwide		Х		
AS	COM 345	Intercultural Communication			Х	
AS	COM 350	Message Design and Evaluation			Х	
AS	COM 351	Computer Mediated Comm		Х		
AS	COM 355	Ethnography of Communication		Х	Х	
AS	COM 360	International Communication	Х			
AS	COM 362	International Negotiations		Х		
AS	COM 363	Event Planning	Х			
AS	COM 365	Journalists: Courts & the Law		AY		
AS	COM 370	Advanced Business Writing	Х			Х
AS	COM 375	Grant Writing	Х			Х
AS	COM 385	Media Effects		Х		Х
AS	COM 390	Global Journalism			AY	
AS	COM 400	Seminar in Communication	Х	Х	Х	Х
AS	COM 410	Advanced Technical Writing			AY	
AS	COM 420	Technical Editing			Х	
AS	COM 491	Sr Project Commun I	Х	Х	Х	Х
AS	COM 492	Sr Project In Commun II	Х	Х	Х	Х
G	CRTV 301	Foundations in Creativity	Х			
G	CRTV 302	Tools & Techniqs in Creativity		Х		
G	CRTV 303	Creativity in the Workplace		Х	Х	
Е	CS 121	Computation Lab I	Х	Х		Х
Е	CS 122	Computation Lab II		Х	Х	X

Е	CS 123	Computation Lab III	x		×	x
Е	CS 130	Prog Concepts 3D Animation	Х			
Е	CS 131	Computer Programming A	Х	Х	Х	
Е	CS 132	Computer Programming B		Х	Х	Х
Е	CS 133*	Computer Programming C				
Е	CS 161	Introduction to Computing	Х	Х	Х	Х
Е	CS 164	Intro to Computer Science	Х			
Е	CS 171	Computer Programming I	Х	Х	Х	
Е	CS 172	Computer Programming II		Х	Х	Х
Е	CS 190	Selected Computer Language		Х		
Е	CS 203*	Programming for Engineers				
Е	CS 204	Adv Programming for Engineers	Х	Х	Х	Х
Е	CS 260	Data Structures		Х		Х
Е	CS 265	Adv Programing Techniques	Х		Х	
Е	CS 270	Math Foundations of Comp Sci	Х		Х	
Е	CS 280	Special Topics in Comp Sci	AN	AN	AN	AN
Е	CS 281	Systems Architecture I	Х		Х	
Е	CS 282	Systems Architecture II		Х		Х
Е	CS 283*	Systems Programming				
Е	CS 300	Applied Symbolic Computation	Х			
Е	CS 303	Alg Number Theory & Crypto			Х	
E	CS 337	Human-Computer Interaction	Х			
Е	CS 338	Graphical User Interfaces		Х		Х
E	CS 345	Computer Game Design & Develop		Х		Х
Е	CS 350	Software Design	Х		Х	
E	CS 360	Programming Language Concepts		Х		Х
Е	CS 361	Concurrent Programming	Х		Х	
E	CS 365	System Administration				Х
Е	CS 370	Operating Systems		Х		Х
E	CS 380	Artificial Intelligence	Х		Х	
Е	CS 430	Computer Graphics	Х	Х	Х	
Е	CS 431	Advanced Rendering Techniques			Х	
Е	CS 432	Interactive Computer Graphics		Х		
E	CS 435	Computational Photography		Х		
Е	CS 440	Theory of Computation			Х	
Е	CS 441*	Compiler Workshop I				
Е	CS 442*	Compiler Workshop II				
Е	CS 445	Topics in Computer Gaming		Х		
Е	CS 451	Software Engineering		Х		Х
E	CS 457	Data Structures & Algorithms I	Х			
Е	CS 458	Data Structures&Algorithms II		X		

E	CS 461	Database Systems		x		X
Е	CS 470*	Operating Systems Workshop				
Е	CS 472	Computer Networks	Х		Х	
Е	CS 475	Computer and Network Security		Х		
Е	CS 476*	High Performance Computing				
Е	CS 481	Adv Artificial Intelligence		Х		
Е	CS 485	Special Topics in Al			Х	Х
Е	CS 491	Software Eng Workshop I	Х			
Е	CS 492	Software Eng Workshop II		Х		
Е	CS 493	Software Eng Workshop III			Х	
G	CT 100	Microcomputer Hardware	Х		Х	
G	CT 120	Microcomputer Operating System	Х	Х		Х
G	CT 140	Network Administration I	Х	Х	Х	
G	CT 200	Server I	Х	Х	Х	
G	CT 210	Linux I	Х			Х
G	CT 212	Computer Forensics	Х	Х	Х	
G	CT 213*	Forensic Data Recovery Tech				
G	CT 220	Database I	Х	Х		Х
G	CT 222	Security and Info Warfare		Х	Х	
G	CT 225*	Data Mining Tech for Security				
G	CT 230	Web Development I	Х	Х		
G	CT 240	Web Development II	Х	Х	Х	
G	CT 290	Client Side Programming	Х	Х	Х	
G	CT 295	Public Key Infrastructure Tech	Х			
G	CT 300	Sec Tech Models & Arch I		Х	Х	
G	CT 310	Linux II	Х	Х		
G	CT 312	Access Cntrl & Intrusion Tech	Х	Х	Х	Х
G	CT 315	Security Management Practice	Х	Х	Х	Х
G	CT 320	Server II	Х	Х	Х	
G	CT 325	OS Security Architecture I	Х	Х	Х	
G	CT 326	OS Security Architecture II				Х
G	CT 330	Network Administration II		Х	Х	
G	CT 336	IP Security & VPN Technology		Х	Х	
G	CT 340	Operating Sys Arch I		Х	Х	Х
G	CT 350	Network Administration III			Х	Х
G	CT 355	Wireless Network Security Tech	Х			
G	CT 360	Operating Sys Arch II	Х	Х	Х	Х
G	CT 362	Network Auditing Tools		Х	Х	
G	CT 370	OO Systems Analysis	Х	Х	Х	
G	CT 375	Database II	Х	Х	Х	Х
G	CT 380	Operating Sys Arch III	Х	Х	Х	Х

G	CT 382	Applied Cryptography		X		
G	CT 385	Web Development III		Х	Х	
G	CT 388*	Topics Computing Technology I				
G	CT 389*	Topics Computing Technology II				
G	CT 390	Server Side Programming		Х	Х	Х
G	CT 392*	Web Development IV				
G	CT 393	IT Security Risk Assessment	Х		Х	Х
G	CT 395	IT Security I	Х	Х	Х	Х
G	CT 400	Network Security	Х		Х	Х
G	CT 402	Network Security II	Х	Х		Х
G	CT 405	Enterprise Programming			Х	Х
G	CT 407*	Network Security III				
G	CT 410	Linux III	Х	Х	Х	
G	CT 412	IT Security Policies			Х	Х
G	CT 415	Disaster Recovery	Х		Х	Х
G	CT 420	IT Security II	Х	Х	Х	
G	CT 422	Incident Response Best Prac	Х	Х		Х
G	CT 425	Database III		Х	Х	Х
G	CT 427*	E-Commerce & Web Security Tech				
G	CT 430*	Database IV				
G	CT 431	Project Management		Х	Х	Х
G	CT 432	IT Security Systems Audits			Х	Х
G	CT 435*	Database V				
G	CT 438*	Database VI				
G	CT 472	Sec Defense Countermeasures		Х	Х	
G	CT 491	Senior Project I	Х	Х	X	Х
G	CT 496	Senior Project II	Х		X	Х
G	CULA 115	Culinary Fundamentals		Х	X	
G	CULA 120	Techniques & Traditions I			Х	
G	CULA 121	Techniques & Traditions II	Х			
G	CULA 125	Found of Professional Baking	Х			
G	CULA 216	A la Carte			Х	
G	CULA 220	Patisserie I			Х	
G	CULA 225	Patisserie II	Х			
G	CULA 226	Patisserie III		AN		
G	CULA 235	Prof Dining Rm Mgmt			Х	
G	CULA 240	Fund of Chinese Cuisine	AN			
G	CULA 290	Culinary Arts Practicum I				Х
G	CULA 291	Culinary Arts Practicum II				Х
G	CULA 300	Fund of Vegetarian Cuisine				Х
G	CULA 305	Fund of Italian Cuisine				X

G	CULA 306	Advanced Italian Cuisine	×			
G	CULA 310	Fund of French Cuisine	Х			
G	CULA 311	Advanced French Cuisine		AN		
G	CULA 315	Fund of American Cuisine		Х		
G	CULA 316	Butchery Lab	Х			
G	CULA 320	Advanced Culinary Studio		Х		
G	CULA 325	Garde Manger Lab		Х		
G	CULA 330	Charcuterie		Х		
G	CULA 335	Fund of Indian Cuisine				AN
G	CULA 405	Culture and Gastronomy I	Х			
G	CULA 410	Culture and Gastronomy II		Х		
G	CULA 412	Food Writing			Х	
G	CULA 415	Food Styling & Photography	Х			
G	CULA 420	Senior Design Project			Х	
G	CULA 425	The Kitchen Garden: Spring			Х	
G	CULA 426	The Kitchen Garden: Summer				Х
G	CULA 427	The Kitchen Garden: Fall	Х			
G	CUST 380*	Spec Top Customer Oper				
G	CUST 401*	Cust Serv Pract I				
G	CUST 402*	Cust Serv Pract II				
G	CUST 403*	Cust Serv Pract III				
А	DANC 100	Survey of Dance Studies				Х
Α	DANC 131	Dance Practicum-Performance	Х	Х	Х	Х
А	DANC 132	Dance Practicum-Production	Х	Х	Х	
А	DANC 133	Dance Practicum-Choreography	Х	Х	Х	
А	DANC 140	Ballet Technique I	Х	Х	Х	Х
А	DANC 141	Ballet Technique II	Х	Х	Х	
Α	DANC 150	Modern Dance Technique I	Х	Х		
Α	DANC 151	Modern Dance Technique II	Х	Х	Х	Х
А	DANC 160	Jazz Dance Technique I	Х	Х	Х	Х
А	DANC 161	Jazz Dance Technique II	Х		Х	
А	DANC 170	Hip-Hop Dance Technique I	Х	Х	Х	
Α	DANC 180	Dance Improvisation	Х			
А	DANC 201	Dance Appreciation			Х	
Α	DANC 210	Introduction to Dance			Х	
А	DANC 225	Dance Repertory				Х
Α	DANC 230	Survey of Dance/Movement Thrpy		Х		
А	DANC 240	Dance Composition I		Х		
А	DANC 241	Dance Composition II			Х	
А	DANC 260	Injury Prevention for Dance				Х
Α	DANC 310	Dance Aesthetics & Criticism				Х

Α	DANC 325	Twentieth Century Dance	X			
Α	DANC 330	Intro to Laban Movement Analys	Х			
А	DANC 340	Dance Pedagogy			Х	
А	DANC 355	Rhythmic Study for Dance		Х		
А	DIGM 100	Digital Design Tools	Х	Х	Х	Х
Α	DIGM 105	Overview of Digital Media	Х			
Α	DIGM 110	Digital Spatial Visualization		Х	Х	Х
Α	DIGM 141	Computer Graphic Imagery			Х	Х
Α	DIGM 211	Computer Animation I	Х			
Α	DIGM 212	Computer Animation II		Х	Х	
Α	DIGM 215	History of Animation		Х		
Α	DIGM 220	Digital Still Imaging I	Х	Х	Х	
Α	DIGM 221	Digital Still Imaging II		Х	Х	
Α	DIGM 240	Web Authoring I	Х	Х		
Α	DIGM 241	Vector Authoring I		Х		Х
Α	DIGM 242	Vector Authoring II			Х	
Α	DIGM 243	Web Authoring II				Х
Α	DIGM 250	Professional Practices				Х
Α	DIGM 252	Multimedia Timeline Design	Х			
Α	DIGM 260	Overview of Computer Gaming	Х		Х	
Α	DIGM 265	Game Development: Scripting				Х
Α	DIGM 281*	Interactive TV DVD-ROM				
Α	DIGM 302	Art/Techniques Dgtl Compositg		Х	Х	
Α	DIGM 314	Character Animation I	Х			
Α	DIGM 315	Character Animation II		Х		
Α	DIGM 331	Concept Design	Х			
Α	DIGM 345	Game Development: Foundations		Х		
Α	DIGM 350	Digital Storytelling	X		Х	Х
Α	DIGM 361	Computer Gaming Workshop I	X			
Α	DIGM 362	Computer Gaming Workshop II		Х		
Α	DIGM 388	Spatial Data Capture				Х
Α	DIGM 410	Visual Effects		Х		
Α	DIGM 411	Advanced Animation	Х			
Α	DIGM 445	Adv Hybrid Interactivity	X			
Α	DIGM 448	Web Development: Workshop I			Х	
Α	DIGM 449	Vector Authoring III		Х		
Α	DIGM 451	Explorations in New Media	X		Х	
	DIGM 475	Seminar:Future Digital Media			Х	
Α	DIGM 482*	Tech Direct for Anim				
Α	DIGM 492	Sr Proj I - Dig Media	X			
А	DIGM 493	Sr Proj II - Dig Media		Х	Х	

А	DIGM 494	DIGM Sr Proj III			×	
А	DSMR 201	Analysis of Product			Х	
А	DSMR 205	Merchandising Through Tech	Х			
Α	DSMR 210	Presentation Techniques DSMR	Х	Х	Х	Х
Α	DSMR 211	Computer Dsgn for Dsgn&Mrchnds	Х	Х	Х	Х
Α	DSMR 230	Textiles for Design & Merch	Х	Х	Х	
А	DSMR 231	Retail Principles	Х	Х	Х	
Α	DSMR 232	Retail Merchandise Planning		Х	Х	Х
Α	DSMR 233	Retail Image Analysis				Х
Α	DSMR 305	Merch Management Tech				Х
Α	DSMR 309	Color & Trend Forecasting				Х
Α	DSMR 310	Computer Integ Merch Mgmt	Х	Х	Х	Х
Α	DSMR 311	Visual Merchandising	Х	Х	Х	Х
Α	DSMR 312	Visual Merchandising II			Х	
Α	DSMR 313	International Fashion Merch				Х
Α	DSMR 314	Visual Merchandising III	Х			
Α	DSMR 315	Media Merchandising I	Х			
Α	DSMR 316	Media Merchandising II		Х		
Α	DSMR 317	Media Merchandising III		Х		
Α	DSMR 318	Music Merchandising	Х			
Α	DSMR 320	Merchandising/Design Direction			Х	
Α	DSMR 321	Fashion Show Production I		Х		
Α	DSMR 322	Fashion Show Production II			Х	
Α	DSMR 324	Retail Directions			Х	
Α	DSMR 325	Retail Buying & Assort Strat			Х	
Α	DSMR 326	Fashion Product Promotion		Х		Х
Α	DSMR 410	Career Strategies for D & M	Х			
Α	DSMR 411	D & M Portfolio Design		Х		
Α	DSMR 433	Fashion Product Development	Х		Х	Х
Α	DSMR 434	Fashion Product Sourcing		Х		
Α	DSMR 477	Design & Merch Seminar		Х		Х
А	DSMR 496	Senior Prob Desgn & Merch	Х	Х		
А	EAM 130	Overview of EAM	Х			
А	EAM 211	Strategic Management for EAM			Х	
Α	EAM 261	Copyrights and Trademarks		Х		
А	EAM 270	Audience Development for Arts		Х		
А	EAM 301	Gallery and Collection Mgmt			Х	
А	EAM 302	Exhibition Design			Х	
А	EAM 312	Fund Dvlpmnt & Board Relations		Х		
Α	EAM 321	Box Office & Venue Management		Х	Х	
Α	EAM 322	Perf Arts Touring & Promotion		Х		

Α	EAM 350	Arts, Culture and Society			X	
Α	EAM 361	Law for EAM Managers			Х	
Α	EAM 365	Media & Entertainment Business			Х	
Α	EAM 391	Promotion, Press, & Publicity	Х	Х		
Α	EAM 401	Writing for Arts Managers	Х			
Α	EAM 461	Entertainment Publishing		Х		
А	EAM 465	Spec Top Enter & Arts Mgmt	Х	Х	Х	
А	EAM 471	Fine Arts Market Development	Х			
А	EAM 472	Trends in Visual Arts		Х		
Α	EAM 491	EAM Senior Project	Х	Х	Х	
Е	ECE 200	Digital Logic Design	Х	Х	Х	Х
Е	ECE 201	Electric Circuits	Х	Х	Х	Х
Е	ECE 203	Programming for Engineers	Х	Х	Х	Х
Е	ECE 211	Electrical Engr Principls		Х	Х	
Е	ECE 212	Electrical Engr Princ Lab		Х	Х	
Е	ECE 491	Senior Design Project I	Х			
Е	ECE 492	Senior Design Project II		Х		
Е	ECE 493	Senior Design Project III			Х	
Е	ECEC 301	Adv Programming for Engineers	Х		Х	
Е	ECEC 302	Digital Systems Projects	Х		Х	
Е	ECEC 304	Design with Microcontrollers		Х		Х
Е	ECEC 352	Secure Comput Sys: Desn Conc	Х		Х	
Е	ECEC 353	Systems Programming		Х		Х
Е	ECEC 355	Computer Architecture		Х		Х
Е	ECEC 356	Embedded Systems		Х		Х
Е	ECEC 357	Intro to Computer Networks	Х		Х	
Е	ECEC 411	Computer Hardware	Х			
Е	ECEC 412	Modern Processor Design	Х			
Е	ECEC 413	Intro to Parallel Comp Arch		Х		
Е	ECEC 414	High Performance Computing			Х	
Е	ECEC 421	Intro Operating Sys I		Х		
Е	ECEC 422	Intro Operating Sys II			Х	
Е	ECEC 431	Intro Computer Networks	Х		Х	
Е	ECEC 432	Internet Arch and Protocols		Х		
Е	ECEC 433	Network Programming			Х	
Е	ECEC 441	Robot/Comp Intf & Cntl I	Х			
Е	ECEC 442	Robot/Comp Intf & Cntl II		Х		
Е	ECEC 443	Robot/Comp Intf & Cntl III			Х	
Е	ECEC 451	Computer Arithmetic	Х			
E	ECEC 453	Image Processing Architecture		Х		
Е	ECEC 455	Intelligent Sys Architectures			Х	

E	ECEC 457	Security in Computing		x		
Е	ECEC 459	Testing of Hardware			Х	
Е	ECEC 471	Introduction to VLSI Design	Х			
Е	ECEC 472	VLSI Design & Automation		Х		
Е	ECEC 473	Modern VLSI IC Design			Х	
Е	ECEC 497	Research In Computer Engr	Х	Х	Х	Х
Е	ECEE 302	Electronic Devices	Х		Х	
Е	ECEE 304	Electromag Fields & Waves	Х		Х	
Е	ECEE 352	Analog Electronics		Х		Х
Е	ECEE 354	Intro Wireless/Optical Elect		Х		Х
Е	ECEE 421	Advanced Electronics I	Х			
Е	ECEE 422	Advanced Electronic Circuits I		Х		
Е	ECEE 423	Adv Electronic Circts II			Х	
Е	ECEE 434	Digital Electronics			Х	
Е	ECEE 441	Lightwave Engineering I	Х			
Е	ECEE 442	Lightwave Engineering II		Х		
Е	ECEE 443	Lightwave Engineering III			Х	
Е	ECEE 451	Electroacoustics	Х			
Е	ECEE 471	RF Components and Techniques	Х			
Е	ECEE 472	RF Electronics		Х		
Е	ECEE 473	Antennas and Radiating Systms			Х	
Е	ECEE 497	Research in Electrophysics	Х	Х	Х	Х
Е	ECEL 301	ECE Laboratory I	Х		Х	Х
Е	ECEL 302	ECE Laboratory II	Х	Х		Х
Е	ECEL 303	ECE Laboratory III	Х	Х	Х	
Е	ECEL 304	ECE Laboratory IV		Х	Х	Х
Е	ECEP 352	Elec Motor Control Principles		Х		Х
Е	ECEP 354	Energy Management Principles	Х		Х	
Е	ECEP 411	Power Systems I	Х			
Е	ECEP 412	Power Systems II		Х		
Е	ECEP 413	Power Systems III			Х	
Е	ECEP 421	Model Analy Elec Pwr Dist Sys	Х			
Е	ECEP 422	Pwr Distr Automation & Control		Х		
Е	ECEP 423	Service/Pwr Quality Distr Sys			Х	
Е	ECEP 431	Adv Electromag Energy Conv I	Х			
Е	ECEP 432	Adv Electromag Energy Conv II		Х		
Е	ECEP 441	Protective Relaying	Х			
Е	ECEP 451	Pwr Electronic Converter Fund	Х			
Е	ECEP 452	Exp Study Pwr Elect Converters		Х		
Е	ECEP 453	Appl of Power Elect Converters			Х	
Е	ECEP 461	High Voltage Laboratory	Х			

Е	ECEP 471	Power Seminar I	X			
Е	ECEP 472	Power Seminar II		Х		
Е	ECEP 473	Power Seminar III			Х	
Е	ECEP 497	Research in Power Systems	Х	Х	Х	Х
Е	ECES 302	Transform Methods & Filtering	Х	Х	Х	Х
Е	ECES 304	Dynamic Systems and Stability		Х		Х
Е	ECES 306	Intro Modulation & Coding	Х		Х	
Е	ECES 352	Intro Digital Signal Process		Х		Х
Е	ECES 354	Wireless, Mob & Cellular Comm		Х		Х
Е	ECES 356	Theory of Control	Х		Х	
Е	ECES 358	Computer Control Systems		Х		Х
Е	ECES 421	Communications I	Х			
Е	ECES 422	Communications II		Х		
Е	ECES 423	Communications III			Х	
Е	ECES 434	Deterministic Signal Processg	Х			
Е	ECES 435	Statistical Signal Processing		Х		
Е	ECES 436	Speech and Image Sig Interpret			Х	
Е	ECES 444	Systems and Control I	Х			
Е	ECES 445	Systems and Control II		Х		
Е	ECES 446	Systems and Control III			Х	
Е	ECES 497	Research In Systems Engr	Х	Х	Х	Х
В	ECON 201	Principles of Microeconomics	Х	Х	Х	Х
В	ECON 202	Principles of Macroeconomics	Х	Х	Х	Х
В	ECON 240	Econ of Health Care Systems	Х	Х		
В	ECON 250	Game Theory and Applications		Х		
В	ECON 301	Microeconomics	Х	Х	Х	
В	ECON 321	Macroeconomics	Х	Х	Х	
В	ECON 322	Economics Seminar	Х	Х	Х	
В	ECON 326	Economic Ideas			Х	
В	ECON 330	Managerial Economics			Х	
В	ECON 334	Public Finance			Х	
В	ECON 336*	Labor Economics				
В	ECON 338	Industrial Organization		Х		
В	ECON 342	Economic Development		Х		
В	ECON 350	Applied Econometrics	Х	Х		
В	ECON 351	Resrc/Environmtl Econ	Х	Х		Х
Т	EDGE 210	Geography Education			Х	
Т	EDGE 211	Geography Educ: Teacher Lab			Х	
Т	EDUC 101	Found in Educ I	Х			
Т	EDUC 102	Found in Educ II		Х		
Т	EDUC 105	Freshman Pedagogy Seminar	Х	Х	Х	

Т	EDUC 112	Integrative Instr: Wld Geog			x	
Т	EDUC 114	Science Teaching Methods			Х	
Т	EDUC 115*	Rsng about Nbrs/Qty				
Т	EDUC 120	Child Development I	Х			
Т	EDUC 121	Child Development II		Х		
Т	EDUC 123*	Adolescent Development				
Т	EDUC 142	Special Education Foundations			Х	
Т	EDUC 205	Sophomore Pedagogy Seminar	Х			
Т	EDUC 210	Early Language Development			Х	
Т	EDUC 216	Diversity and Today's Teacher	Х		Х	Х
Т	EDUC 217	Math Methods: E C		Х		
Т	EDUC 218	Math: Methods & Content		Х		
Т	EDUC 223*	Tchg the M. Schl Chld				
Т	EDUC 236	Early Literacy I	Х			
Т	EDUC 240*	Prop Rsng in Mdl Schl				
Т	EDUC 244	Inclus Prac for Excep Students	Х			
Т	EDUC 246	Literacy & Content Skill Devel			Х	Х
Т	EDUC 256*	Teaching Writing Grades 4-8				
Т	EDUC 257*	C. Area Rdg 4-8				
Т	EDUC 265	Instr. ELLs		Х		
Т	EDUC 284*	Tchng Life Sci in MS				
Т	EDUC 285*	Tching Phys Sci in M. Schls				
Т	EDUC 286*	Tchg E & S Science MS				
Т	EDUC 292*	Sci Mthds for M Schl				
Т	EDUC 301*	Intro Person Sys Instr				
Т	EDUC 302*	Adv Sem In Person Sys Ins				
Т	EDUC 305	Junior Pedagogy Seminar	Х			
Т	EDUC 306	Assessment of Young Children I		Х		
Т	EDUC 307	Assessment II			Х	
Т	EDUC 310	Computer Appl In Teaching		Х		
Т	EDUC 319	Teaching Secondary Mathematics		Х		
Т	EDUC 320	Prof Studies Instruction			Х	
Т	EDUC 321	Non-Field Prof Study in Instr			Х	
Т	EDUC 322	Evaluation of Instruction		Х		
Т	EDUC 323*	Diagnostic Teaching				
Т	EDUC 324	Current Rsrch Curric & Instruc	Х			
Т	EDUC 325	Multimedia Instruc Desgn	Х			Х
Т	EDUC 326	Language Arts Processes		Х		
Т	EDUC 327*	Learning Disabilities				
Т	EDUC 328*	Language Arts Processes 4-8				
Т	EDUC 335	Engaging the Learner		Х		

Т	EDUC 336	Early Literacy II			x	
Т	EDUC 337*	Learning Disabilities II				
Т	EDUC 338	Expressive Arts for PK-4	Х			
Т	EDUC 347	Special Education Processes			Х	
Т	EDUC 348	Emotional & Behavioral Support		Х		
Т	EDUC 349	High Incident Disabilities			Х	
Т	EDUC 350	Low Incident Disabilities			Х	
Т	EDUC 351	Pervasive Develop Disorders			Х	
Т	EDUC 352	Int Tech for Learn & Achv		Х		
Т	EDUC 353	Spec Ed: Methods & Practices	Х			
Т	EDUC 355	S. Studies Methods		Х		
Т	EDUC 356*	Secondary Social Stud Methods				
Т	EDUC 405	Senior Pedagogy Seminar	Х	Х		
Т	EDUC 410	Student Teaching	Х	Х		
Т	EDUC 411	Family & Community	Х			
Т	EDUC 412	Student Teaching		Х		
Т	EDUC 414	Spec Ed: Field Placement Sem		Х		
Т	EDUC 416*	Intro Mth Mthds (4-8)				
Т	EDUC 417*	Adv. Math Tchg Mthds				
Т	EDUC 428	Cult and Hist Sig of Math		Х		
Т	EDUC 432*	Algebraic Reasoning				
Т	EDUC 433*	Functions MS				
G	EET 102*	Intro to Applied Engr Tech				
G	EET 201	Circuit Analysis I			Х	
G	EET 202	Circuit Analysis II	Х			
G	EET 203	Non-Destructive Eval Materials		Х		
G	EET 204	Intro to Nanotechnology		Х		
G	EET 205	Digital Electronics with Lab	Х			
G	EET 206	Analog Electronics I		Х		
G	EET 307*	Basic Power Systems I				
G	EET 311	Modeling of Engr Systems	Х			
G	EET 313	Signals and Systems I		Х		
G	EET 317	Analog Electronics II			Х	
G	EET 319	PLC Fundamentals	Х			
G	EET 322	Electrical Energy Conversion		Х		
G	EET 323	Electrical Systems Design	X			
G	EET 324*	Power Electronics				
G	EET 325	Microprocessors	Х		Х	
G	EET 401	Applied Microcontrollers		Х		
G	EET 402*	Control Engineering				
G	EET 404*	Signals and Systems II				

G	EET 406*	Communication Systems				
G	EET 407*	Power Systems Fundamentals				
G	EET 409*	Optical System Design				
G	EMER 210	Hazard Mitigation	Х		Х	
G	EMER 215	Public Mgt Crisis	Х	Х		
G	EMER 220	Emer Inc Risk Mgt			Х	
G	EMER 225	Inf Disast Recov		Х	Х	Х
G	EMER 235	Public Information Strategies		Х		
G	EMER 245	Search and Rescue	Х			Х
G	EMS 101*	Princ of Emergency Care I				
G	EMS 102*	Princ of Emergency Care II				
G	EMS 103*	Physical Examination				
G	EMS 104*	Disease Process I				
G	EMS 105*	Prehospital Issues				
G	EMS 107*	Disease Process II				
G	EMS 110*	EMT Field Practicum				
G	EMS 111*	Introduction to Pharmacology				
G	EMS 112*	Pharmacology I				
G	EMS 114*	EMS Operations				
G	EMS 116*	EKG Interpretation				
G	EMS 120*	Prehospital Techniques				
G	EMS 125*	Field Practicum I				
G	EMS 201*	Clinical Concepts I				
G	EMS 202*	Medical Intervention I				
G	EMS 203*	Clinical Concepts II				
G	EMS 204*	Medical Intervention II				
G	EMS 205*	Instructional Issues				
G	EMS 206*	Clinical Concepts III				
G	EMS 207*	Trauma Interventions				
G	EMS 210*	Management I				
G	EMS 226*	Field Practicum II				
G	EMS 301*	Management II				
G	EMS 302*	Clinical Capstone				
G	EMS 305*	Design of Instruc. Materials				
G	EMS 306*	Concepts of Injury				
G	EMS 307	Critical Incident Stress Mgmt	Х	Х		
G	EMS 320*	Accident Investigation				
G	EMS 325*	Industrial Safety				
G	EMS 330*	Special Topics in EMS III				
G	EMS 340*	Haz Mat Response Implement				
G	EMS 345*	Response to Terrorism				

G	EMS 346*	Intro to EMS & Pub Saf Quality				
G	EMS 360*	Local, State & Fed Legis				
G	EMS 368*	Practical Safety Services				
G	EMS 372*	Incident Command for EMS				
G	EMS 380*	Adv Physical Examination				
G	EMS 382*	Pharmacology II				
G	EMS 390*	Public Safety Data Mgmt				
G	EMS 401*	Ind Study in EMS/Public Safety				
G	EMS 403*	Instr & Metr for EMS & Pub Saf				
G	EMS 405*	Planning & Fiscal Approaches				
G	EMS 410*	Qual Mgmt & Six Sigma Integ				
G	EMS 425*	Risk Management in Health Care				
G	EMS 430*	Ldshp & Influence in Emer Serv				
G	EMS 435*	Special Topics in EMS IV				
G	EMS 440*	Research				
G	EMS 445	Org Comm Response in Disasters				Х
G	EMS 456*	Internship I				
G	EMS 457*	Internship II				
AS	ENGL 101	Expository Writing and Reading	Х	X	Х	Х
AS	ENGL 102	Persuasive Writing and Reading	Х	Х	Х	Х
AS	ENGL 103	Analytical Writing and Reading	Х	X	Х	X
AS	ENGL 105	Honors Freshman English	Х	X	Х	Х
AS	ENGL 200	Classical to Medieval Lit	X			Х
AS	ENGL 201	Renaissance to Enlightenment		Х		
AS	ENGL 202	Romanticism to Modernism	X			Х
AS	ENGL 203	Post-Colonial Lit I	X		Х	
AS	ENGL 204	Post-Colonial Lit II	X		Х	
AS	ENGL 205	American Literature I	X			Х
AS	ENGL 206	American Literature II		Х		Х
AS	ENGL 207	African American Literature				
AS	ENGL 211	British Literature I	Х		Х	
AS	ENGL 212	British Literature II		Х		Х
AS	ENGL 214	Readings in Fiction	Х	Х	Х	Х
AS	ENGL 215	Readings in Poetry		Х		Х
AS	ENGL 216	Readings in Drama	VAR	VAR	VAR	Х
AS	ENGL 300	Literature & Science				
AS	ENGL 302*	Environmental Literature				
AS	ENGL 303*	Science Fiction				
AS	ENGL 304	Young Adult Fiction			Х	
AS	ENGL 305*	The Mystery Story				
AS	ENGL 306*	Literature of Baseball				

AS	ENGL 307	Literature of the Holocausts			×	
AS	ENGL 308*	The Literature of Business				
AS	ENGL 310*	Period Studies				
AS	ENGL 312	Research Project Development		Х		
AS	ENGL 315*	Shakespeare				
AS	ENGL 320*	Major Authors				
AS	ENGL 323*	Literature and Other Arts				
AS	ENGL 325*	Topics in World Literature				
AS	ENGL 330*	The Bible as Literature				
AS	ENGL 335*	Mythology				
AS	ENGL 345*	American Ethnic Literature				
AS	ENGL 350*	Jewish Lit and Civilization				
AS	ENGL 355*	Women and Literature				
AS	ENGL 360	Literature and Society				
AS	ENGL 365*	Topics in African Amer Lit				
AS	ENGL 370*	Topics in Lit and Medicine				
AS	ENGL 470*	Cap Sem in Medical Humanities				
AS	ENGL 490	Seminar in Engl/Amer Lit		VAR	VAR	
AS	ENGL 492	Seminar in World Literature		VAR	VAR	
AS	ENGL 499	Senior Project in Literature			Х	
Е	ENGR 100	Beginning CAD for Design	Х	Х		
Е	ENGR 101	Engineering Design Lab I	Х	Х		
Е	ENGR 102	Engineering Design Lab II		Х	Х	
E	ENGR 103	Engineering Design Lab III			Х	
Е	ENGR 180	Special Topics in Engineering	AN	AN	AN	AN
E	ENGR 201	Eval & Pres of Exper Data I	Х		Х	
Е	ENGR 202	Eval & Pres of Exper Data II		Х		Х
Е	ENGR 210	Introduction to Thermodynamics	Х	Х		Х
Е	ENGR 220	Fundamentals of Materials	Х		Х	
Е	ENGR 231	Linear Engineering Systems	Х	Х	Х	Х
Е	ENGR 232	Dynamic Engineering Systems	Х	Х	Х	Х
E	ENGR 280*	Intro to Global Engineering				
Е	ENGR 361	Stat Analysis of Engr Systems	Х	X	Х	Х
E	ENVE 300	Intro to Environmental Engr	Х		Х	
E	ENVE 302	Envr Trans & Kinetics		X		Х
E	ENVE 335*	Industrial Safety				
E	ENVE 410	Solid and Hazardous Waste		X		
E	ENVE 421	Water and Waste Treatment II		X		
Е	ENVE 422	Water/Waste Treatmnt Dsgn			Х	
Е	ENVE 435	Groundwater Remediation			Х	
Е	ENVE 450*	Data-based Engr Modeling				

Е	ENVE 455	Geographic Information Systems	Х			
E	ENVE 460*	Fund Air Poll Control				
Е	ENVE 465	Indoor Air Quality	Х			
E	ENVE 485	Professional Envr Eng Practice	Х			
Е	ENVE 486	Envr Engr Process Lab I		Х		
Е	ENVE 487	Envr Engr Process Lab II			Х	
Е	ENVE 491	Senior Project Design I	Х			
Е	ENVE 492	Senior Design Project II		Х		
Е	ENVE 493	Senior Design Project III			Х	
AS	ENVP 345	Sociology of the Environment		Х		
AS	ENVP 346	Environmental Justice			AY	
AS	ENVP 360	Env Movements in America	Х			
AS	ENVP 365	Intro to Env Policy Analysis		AY		
AS	ENVS 169*	Environmental Science				
AS	ENVS 230	General Ecology	Х		Х	
AS	ENVS 260	Environ Science & Society I	Х	Х	Х	Х
AS	ENVS 262*	Environ Science & Society II				
AS	ENVS 270	History of Life on Earth	Х			
AS	ENVS 271	Dinosaurs and Their World			Х	
AS	ENVS 272	Physical Geology		Х		
AS	ENVS 284	Phys & Pop Ecology		Х		
AS	ENVS 285	Population Ecology Lab		Х		
AS	ENVS 286	Community & Ecosystem Ecology	Х			
AS	ENVS 287	Community Ecology Lab	Х			
AS	ENVS 316*	Sanitary Microbiology				
AS	ENVS 321*	Environmental Health				
AS	ENVS 322	Tropical Ecology		Х		
AS	ENVS 323	Tropical Field Studies		Х		
AS	ENVS 324*	Microbial Ecology				
AS	ENVS 326	Molecular Ecology	AY			
AS	ENVS 327	Molecular Ecology Lab	AY			
AS	ENVS 330	Aquatic Ecology			Х	
AS	ENVS 331*	Industrial Hygiene I				
AS	ENVS 332*	Industrial Hygiene II				
AS	ENVS 335*	Industrial Safety				
AS	ENVS 336*	Terrestrial Ecology				
AS	ENVS 338	Biodiversity & Conservation	Х			
AS	ENVS 341*	EqGuin Soc & Env				
AS	ENVS 342*	EqGuin NatResEcon				
AS	ENVS 343*	EqGuin Field Mthd				
AS	ENVS 344*	EqGuin Field Rsch				

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AS	ENVS 351*	Resource & Environmental Econ				
AS	ENVS 360*	Evolutionary Developmental Bio				
AS	ENVS 364	Animal Behavior			Х	
AS	ENVS 365	Animal Behavior Lab			Х	
AS	ENVS 370*	Practice of Environ Economics				
AS	ENVS 374*	Sedimentary Environments				
AS	ENVS 375*	Invertebrate Paleontology				
AS	ENVS 382	Field Botany: NJ Pine Barrens				Х
AS	ENVS 383	Ecology of the NJ Pine Barrens			Х	
AS	ENVS 388	Marine Field Methods				Х
AS	ENVS 390	Marine Ecology	Х			
AS	ENVS 392	Ichthyology and Herpetology		AY		
AS	ENVS 401	Chemistry of the Environment	Х			
AS	ENVS 405*	Atmospheric Chemistry				
AS	ENVS 410	Physiological Ecology		AY		
AS	ENVS 412	Biophysical Ecology		AY		
AS	ENVS 413	Advanced Population Ecology		AY		
AS	ENVS 414	Advanced Community Ecology		AY		
AS	ENVS 431*	Epidemiology				
AS	ENVS 436	Principles of Toxicology I	Х			
AS	ENVS 437	Principles of Toxicology II		Х		
AS	ENVS 441	Issues Global Change I: Sem		Х		
AS	ENVS 442	Issues Global Change II: Res			Х	
AS	ENVS 476*	Paleobotany				
AS	ENVS 497	Research	AN	AN	AN	AN
Α	EVGD 200	Intro to Environmental GRDS			Х	
Α	EVGD 210	Architectural Signage	Х		Х	
Α	EVGD 220	Wayfinding		Х		Х
Α	EVGD 310	Design Techniques & Materials		Х		Х
Α	EVGD 320	Exhibit Design	Х	Х		
Α	EVGD 421	Environmental Branding	Х			
Α	EVGD 496	Sr Thesis in Eviron Gr Dsgn		Х	Х	