Graduate 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
A	AADM 505	Overview Of Arts Admin	X			
A	AADM 510	Writing for the Arts	X		X	
A	AADM 610	Fin Acctg Non-Pro Art Org	X		X	
A	AADM 620	Law and the Arts		X		X
A	AADM 650	Fund Development for the Arts	X	X		X
A	AADM 660	International Cultural Policy		X		
A	AADM 670	Audience Development	X		X	
A	AADM 680	Trends in Fund Development				X
A	AADM 710	Strategic Planning/Evaluation	X		X	
A	AADM 720	Leadership in the Arts	X			X
A	AADM 731	HR Mgmt in the Arts			X	
A	AADM 740	Production Lab Perf Arts	X	X	X	X
A	AADM 750	Arts Administration Seminar	X			
A	AADM 751	Mgmt Techniques In Arts		X		
A	AADM 752	Performing Arts Management		X	X	X
A	AADM 752	Performing Arts Management				X
A	AADM 755	Community Cultural Planning		X		
A	AADM 757	Political Activism in the Arts				X
A	AADM 759	Cultural Orgs in Transition				X
A	AADM 760	Spec Problems Arts Mgmt		X	X	
A	AADM 770	Tech & Mktg Of Arts		X		X
A	AADM 775	Tech Mgmt in the Arts			X	
A	AADM 798	Thesis and Internship	X	X	X	X
B	ACCT 600	Accounting Analysis & Theory	X			
B	ACCT 601	Managerial Accounting	X	X	X	X
B	ACCT 603	Strategic Cost Management		X		
B	ACCT 604	International Fin Reporting			X	
B	ACCT 605	Assurance Services			X	
B	ACCT 606	Current Iss in the Acct Prof				X
B	ACCT 607	Forensic Investigation	X			
B	ACCT 650	Accounting Information Systems				X
B	ACCT 921	Empirical Research in Acct I	X			
B	ACCT 922	Empirical Research in Acct II		X		
B	ACCT 931*	Behavioral Research in Acct I				
B	ACCT 932*	Behavioral Research in Acct II				

B	ACCT 998*	Dissertation Research Acct				
E	AE 510*	Intelligent Buildings				
E	AE 544	Building Envelope Systems	X			
E	AE 550	Comfrt Anlys & Indoor Air Qlty	X			
E	AE 551*	Building Energy Systems I				
E	AE 552	Building Energy Systems II			X	
A	ARCH 747	Summer Study Abroad				X
A	ARTH 530	History of Modern Design	X			
AS	BIO 500	Biochemistry	X			
AS	BIO 530	Microbial Genetics			AY	
AS	BIO 532	Advanced Cell Biology	X			
AS	BIO 540	Readings in Mol/Cellular Bio		X		
AS	BIO 551	Genetic Regulation of Dvlpmnt		AY		
AS	BIO 562	Biology of Neuron Function	X			
AS	BIO 565	Neurobiology of Disease		X		
AS	BIO 570	Teratology			X	
AS	BIO 601	Research Methods			X	
AS	BIO 610	Biochemistry of Metabolism		X		
AS	BIO 613	Genomics	AY			
AS	BIO 615	Proteins			X	
AS	BIO 620	Biomembranes		X		
AS	BIO 630	Cell Biology of Disease				X
AS	BIO 631	Bioinformatics I	X			
AS	BIO 633	Bioinformatics I Laboratory	X			
AS	BIO 635	Adv Genetics & Molecular Bio		X		
AS	BIO 644	Human Genetics		AY		
AS	BIO 646	Stem Cell Research		AY		
AS	BIO 648	Signal Transduction			AY	
AS	BIO 650	Virology			X	
AS	BIO 663	Mol Mech of Neurodegeneration		AY		
AS	BIO 679	Issues in Scientific Research	X			
AS	BIO 898	Master's Thesis			X	
AS	BIO 997	Research in Bioscience	X	X	X	X
AS	BIO 998	Ph.D. Dissertation	AN	AN	AN	AN
B	BLAW 620	Legal Aspects of Employment	X			
B	BLAW 626	Law for the CPA Exam		X		
B	BLAW 646	Legal Issues in New Ventures			X	X
R	BMES 501	Medical Sciences I	X			
R	BMES 502	Medical Sciences II		X		
R	BMES 503	Medical Sciences III			X	
R	BMES 505	Math for Biomed Sciences I	X			

R	BMES 506	Math for Biomed Sci II		X		
R	BMES 507	Math for Biomed Sci III			X	
R	BMES 508	Cardiovascular Engineering			X	
R	BMES 509	Entrepreneurship for BMES	X	X	X	X
R	BMES 510	Biomedical Statistics		X		X
R	BMES 511	Prin Sys Anl App Biomed I		X		
R	BMES 512	Princ Sys Analy Biomed II			X	
R	BMES 514	Comp Appl Biomed Research	X			
R	BMES 515	Exp Design in Biomed Research	X		X	
R	BMES 517	Intermediate Biostatistics		X		
R	BMES 518	InterBiomedData			X	
R	BMES 524	Introduction to Biosensors	X		X	
R	BMES 525	Advanced Biosensors		X		X
R	BMES 531	Chronobioengineering I	X		X	
R	BMES 532	Chronobioengineering II		X		X
R	BMES 534	Design Thinking for BMEs		X		
R	BMES 535	Intro. To Product Design for BMEs			X	
R	BMES 538	Biomedical Ethics and Law	X			
R	BMES 543	Quantitative Systems Biology		X		
R	BMES 544	Genome Information Engineering			X	
R	BMES 545	Biosystems Modeling		X		
R	BMES 546	Biocomputational Languages	X			
R	BMES 551	Biomedical Signal Processing	X			
R	BMES 552	Intro to Bioacoustics	X			
R	BMES 571	Applied Evolution		X		X
R	BMES 588	Medical Device Development			X	
R	BMES 594	Clinical Practicum I	X			
R	BMES 595	Clinical Practicum II		X		
R	BMES 596	Clinical Practicum III			X	
R	BMES 604	Pharmacogenomics			X	
R	BMES 611	Biological Control Systems I		X		X
R	BMES 621	Medical Imaging Systems I	X			
R	BMES 622	Medical Imaging Systems II		X		
R	BMES 623	Medical Imaging Systems III			X	
R	BMES 625	Biomedical Ultrasound I	X			
R	BMES 626	Biomedical Ultrasound II		X		
R	BMES 631	Tissue Engineering I	X			
R	BMES 632	Tissue Engineering II		X		
R	BMES 641	Biomedical Mechanics I	X			
R	BMES 642	Biomedical Mechanics II		X		
R	BMES 643	Biomedical Mechanics III			X	

R	BMES 644	Cellular Biomechanics		X		
R	BMES 651	Trans Phenom Liv Sys I	X	X		X
R	BMES 660	Biomaterials I	X			
R	BMES 661	Biomaterials II		X		
R	BMES 672	Biosimulation I	X			
R	BMES 673	Biosimulation II		X		
R	BMES 675	Biomaterials & Tissue Engr III			X	
R	BMES 710	Neural Signals		X		
R	BMES 711	Principles in Neuroengineering			X	
R	BMES 722	Neurl Aspct Post & Loco I	X		X	
R	BMES 821*	Medical Instrumentation				
R	BMES 822	Medical Instrumentation II		X		
R	BMES 825	Hospital Administration		X		X
R	BMES 864	Seminar	X			
R	BMES 866	Seminar II		X		
R	BMES 867	Seminar III			X	
R	BMES 897	Research	X	X	X	X
R	BMES 898	Master's Thesis	X	X	X	X
R	BMES 998	Ph.D. Dissertation	X	X	X	X
B	BUSN 501	Measuring/Maximizing Fin Perf	X	X	X	X
B	BUSN 600*	1-Year MBA Seminar				
B	BUSN 601	Health Care Law & Pharma Reg			X	
B	BUSN 701*	Industry Mgmt Perspectives				
B	BUSN 750*	Career Integrated Education I				
B	BUSN 751*	Career Integrated Education II				
B	BUSN 990*	Special Topics-PhD-Business				
B	BUSN 998	Dissertation Research Business	X	X	X	X
E	CHE 502	Math Methods Chem Engr	X			
E	CHE 513	Chem Engr Thermodynamics	X			
E	CHE 525	Transport Phenomena I		X		
E	CHE 543	Kinetics & Catalysis I			X	
E	CHE 554	Process Systems Engineering			X	
E	CHE 562	Bioreactor Engineering			X	
E	CHE 564	Unit Oper-Bioprocess Sys		X		
E	CHE 626	Transport Phenomena II			X	
E	CHE 898	Master's Thesis	X	X	X	X
E	CHE 998	Ph.D. Dissertation	X	X	X	X
AS	CHEM 521	Inorganic Chemistry I	X			
AS	CHEM 522	Inorganic Chemistry II		X		
AS	CHEM 523	Inorganic Chemistry III			X	
AS	CHEM 530	Analytical Chemistry I	X			

AS	CHEM 531	Analytical Chemistry II		X		
AS	CHEM 541	Organic Chemistry I	X			
AS	CHEM 542	Organic Chemistry II		X		
AS	CHEM 543	Organic Chemistry III			X	
AS	CHEM 555	Quant Chem Of Molecules I	X			
AS	CHEM 557	Physical Chemistry I	X			
AS	CHEM 558	Physical Chemistry II		X		
AS	CHEM 561	Polymer Chemistry I	X			
AS	CHEM 562	Polymer Chemistry II		X		
AS	CHEM 563	Polymer Chemistry III			X	
AS	CHEM 656*	Quant Chem Molecules II				
AS	CHEM 752	Biophysical Chemistry			X	
AS	CHEM 753	Chemical Instrumentation		X		
AS	CHEM 755	Mass Spectrometry			X	
AS	CHEM 767	Chemical Information Retrieval	X			
AS	CHEM 771	Organometallic Chemistry		X		
AS	CHEM 772	Inorganic Biochemistry	X			
AS	CHEM 774	Electrochemistry for Chemists		X		
AS	CHEM 782	Electronics for Chemical Instr			X	
AS	CHEM 783	Electronics for Chemi Instr ll			X	
AS	CHEM 789	Exper Desgn & Stat Chem			X	
AS	CHEM 792*	Adv Organic Synthesis I				
AS	CHEM 865	Chemistry Research Seminar	X	X	X	
AS	CHEM 898	Master's Thesis	X	X	X	X
AS	CHEM 997	Research	X	X	X	X
AS	CHEM 998	Ph.D. Dissertation	X	X	X	X
NH	CIT 501	Foundations of Phytotherapy	X		X	
NH	CIT 502	Foundations of CIT	X		X	X
NH	CIT 503	Holistic Living		X		
NH	CIT 511*	Spirituality, Health & Healing				
NH	CIT 512	Body Movement Therapies			X	
NH	CIT 513*	Yoga for Enlight Practitioner				
NH	CIT 600	Clinical Aromatherapy		X		
NH	CIT 601*	Integration of CIT				
NH	CIT 602*	Women Integrative Health				
E	CIVE 510	Prestressed Concrete			X	
E	CIVE 520	Advanced Concrete Technology			X	
E	CIVE 530	Geotechnical Engr for Highways	X		X	
E	CIVE 560	Intro Coastal & Port Engr	X			
E	CIVE 561	Introduction to Hydrology	X			
E	CIVE 563	Coastal Processes		X		

E	CIVE 585	Trans Planng & Capacity	X			
E	CIVE 605	Adv Mechanics Of Material	X			
E	CIVE 615	Infrastructure Condtn Eval	X	X		
E	CIVE 632	Advanced Soil Mechanics	X			
E	CIVE 635	Slope Stability and Landslides	X			
E	CIVE 636	Ground Modification		X		
E	CIVE 640*	Environmental Geotechnics				
E	CIVE 650	Geosynthetics I	X			
E	CIVE 651	Geosynthetics II		X		
E	CIVE 652	Geosynthetics III			X	
E	CIVE 661	Groundwater Hydraulics		X		
E	CIVE 664	Open Channel Hydraulics	X			
E	CIVE 701	Structural Analysis I	X			
E	CIVE 702	Structural Analysis II		X		
E	CIVE 703	Structural Analysis III			X	
E	CIVE 711	Engineered Masonry I	X		X	
E	CIVE 712*	Engineered Masonry II				
E	CIVE 714	Behavior Concrete Struc I			X	
E	CIVE 730	Experimental Soil Mechanics I		X		
E	CIVE 737	Seismic Geotechnics			X	
E	CIVE 752	Coastal Structures			X	
E	CIVE 801	Dynamics of Structures I		X		
E	CIVE 802	Dynamics of Structures II			X	
E	CIVE 838	Soil Behavior		X		
E	CIVE 898	Master's Thesis	X	X	X	X
E	CIVE 997	Research	X	X	X	X
E	CIVE 998	Ph.D. Dissertation	X	X	X	X
AS	COM 500	Reading & Res Communication	X		X	
AS	COM 510	Technical Writing		X		
AS	COM 520	Science Writing			X	
AS	COM 530	Tech & Science Photo				X
AS	COM 540	Technical and Science Graphics				X
AS	COM 550	Video Prod for Sci & Tech			X	
AS	COM 570	Technical and Science Editing			X	
AS	COM 605	Sports Journalism	X			
AS	COM 610	Theories Comm & Persuasn		X		X
AS	COM 616*	Campaigns for Health & Envrmt				
AS	COM 617	Environmental Communication	X			
AS	COM 620	Message Design and Evaluation		X	X	
AS	COM 625	Cultural Significance of Fame			X	
AS	COM 630	Software Documentation	X			

AS	COM 635	Electronic Publishing			X	
AS	COM 640*	Desktop Publishing				
AS	COM 650	Telecomm Polcy Info Age			X	X
AS	COM 655*	Ethnography of Communication				
AS	COM 660	Investigative Journalism	X			
AS	COM 663	Event Planning				X
AS	COM 665	Journalists, Courts & the Law		X		
AS	COM 670	Medical Writing		X		
AS	COM 675	Grant Writing: Arts/Humanities				X
AS	COM 680	PR Writing & Strategies			X	
AS	COM 686	International Communication	X			
AS	COM 687	International Negotiations		X		
AS	COM 701	Contemporary Social Theory	X			
AS	COM 702	Communication Theory I		X		X
AS	COM 703	Communication Theory II			X	
AS	COM 704	Research Methods in Com	X		X	
AS	COM 705	Data Analysis in Communication		X		
AS	COM 801	Seminar in Contemporary Theory	X			
AS	COM 802	Sem in Discourse & Semiotics		X		
AS	COM 803*	Sem in Structural & Cult Dyn				
AS	COM 804*	Sem in Research Methodology				
AS	COM 805	Sem in Communication Ethics			X	
AS	COM 875	Ethics in Tech & Sci Comm	X			
AS	COM 880	Sem; Ethics for Public Comm			X	X
AS	COM 998	PHD Dissertation Research Com	X	X	X	
E	CS 500	Database Theory				X
E	CS 510	Intro to Artificial Intel	X			
E	CS 511*	Robot Lab				
E	CS 520	Computer Science Foundations	X			
E	CS 521	Data Structures/Algorithms I	X			
E	CS 522	Data Structures/Algorithms II		X		
E	CS 525	Theory of Computation			X	
E	CS 530	Developing User Interfaces	X			
E	CS 536	Computer Graphics	X			
E	CS 540	High Performance Computing	X			
E	CS 543	Operating Systems	X			
E	CS 544	Computer Networks		X		
E	CS 550	Programming Languages			X	
E	CS 567	Applied Symbolic Computation	X			
E	CS 571	Prog Tools and Environments		X		
E	CS 575	Software Design	X		X	

E	CS 576	Dependable Software Systems		X		X
E	CS 583	Intro to Computer Vision	X			
E	CS 610	Adv Artificial Intelligence		X		
E	CS 613*	Machine Learning				
E	CS 621*	Approximation Algorithms				
E	CS 623	Computational Geometry				
E	CS 630	Cognitive Systems	X			
E	CS 634	Advanced Computer Vision			X	
E	CS 636*	Advanced Computer Graphics				
E	CS 637*	Interactive Computer Graphics				
E	CS 645*	Network Security				
E	CS 647	Distributed Systems Software			X	
E	CS 650*	Program Gen & Opt				
E	CS 675*	Reverse Software Engineering				
E	CS 676	Parallel Programming		X		
E	CS 898	Master's Thesis	X	X	X	X
E	CS 997	Research in Computer Science	X	X	X	X
E	CS 998	Ph.D. Dissertation	X	X	X	X
A	DIGM 501	New Media: Hist/Theory/Methods	X			
A	DIGM 502	Advanced New Media Topics			X	
A	DIGM 512	Shader Writing and Programming		X		
A	DIGM 515	Digital Matte Painting		X		
A	DIGM 518	Particle Systems/AI for FX	X			
A	DIGM 540	New Media Project		X	X	X
A	DIGM 560	Adv App in 3D Interactivity	X			
A	DIGM 605	Adv Techniques in CG Imagery	X			
A	DIGM 616	Immersive World Building			X	
A	DIGM 641	Interactive TV DVD-ROM				X
A	DIGM 670	Gaming I	X			
A	DIGM 671	Gaming II		X		
A	DIGM 680	Thesis Development	X	X	X	
E	ECE 501	Topics in Circuits and Systems	X			
E	ECE 502	Tops In Commun/Cntls/Cmptrs		X		
E	ECE 503	Topics Math Techn In ECE			X	
E	ECE 571	Introduction to ECE Research	X			
E	ECE 572	Techniques of E.C.E. Research		X		
E	ECE 573	Presentation Of ECE Rsrch			X	
E	ECEC 500	Funds Of Computr Hardware			X	
E	ECEC 501	Prin of Repr and Reasoning	X			
E	ECEC 502	Principles of Data Analysis		X		
E	ECEC 503	Principles of Decision Making			X	

E	ECEC 511	Combinational Circuit Design	X			
E	ECEC 512	Sequential Circuit Design		X		
E	ECEC 513	Design for Testability			X	
E	ECEC 520	Dependable Computing	X			
E	ECEC 541	Robot/Comp Intfce Cntls I	X			
E	ECEC 542	Robot/Comp Intf & Cntl II		X		
E	ECEC 543	Robot/Comp Int & Cntl III			X	
E	ECEC 600	Fundamentals of Comp Networks		X		
E	ECEC 621	High Performance Computer Arch	X	X		
E	ECEC 622	Parallel Computer Architecture		X	X	
E	ECEC 623	Adv Parallel Computer Arch			X	
E	ECEC 631	Prin of Computer Networking	X			
E	ECEC 632	Perf Analysis of Comp Networks		X		
E	ECEC 633	Adv Topics in Comp Networking			X	
E	ECEC 654	Knowledge Engineering I	X			
E	ECEC 655	Knowledge Engineering II		X		
E	ECEC 656	Knowledge Engineering III			X	
E	ECEC 661	VLSI Design	X			
E	ECEC 662	VLSI Array Processors I		X		
E	ECEC 663	VLSI Array Processors II			X	
E	ECEC 671	EDA for VLSI I	X			
E	ECEC 672	EDA for VLSI II		X		
E	ECEC 673	DSM-IC Design			X	
E	ECEC 697	Research In Computer Engr	X	X	X	X
E	ECEC 891	Adv Topics Computer Engr	X	X	X	X
E	ECEC 898	Master's Thesis Comp Engr	X	X	X	X
E	ECEC 997	Dissert Rsch Comp Engr	X	X	X	X
E	ECEC 998	PhD Dissert Comp Engr	X	X	X	X
E	ECEE 501	Physical Prin Elec Engr I	X			
E	ECEE 502	Phys Princ Elect Engr II		X		
E	ECEE 507	Electromag Field Analys I	X			
E	ECEE 508	Electromag Field Anal II		X		
E	ECEE 510	Scat & Diffract Elec Waves			X	
E	ECEE 517	Microwv Ntwk & Trans Media			X	
E	ECEE 518	Microwave Passive Components	X			
E	ECEE 519	Microwave Active Subsystems		X		
E	ECEE 520	Solid-State Electronics	X			
E	ECEE 521	Bipolar and FETs		X		
E	ECEE 522	Photonic Devices			X	
E	ECEE 523	Integrated Circuits	X			
E	ECEE 525	Digital IC and CMOS Technology		X		

E	ECEE 526	Custom VLSI Design			X	
E	ECEE 541	Photonic Systems		X		
E	ECEE 542	Opt Apps of Diffraction			X	
E	ECEE 603	Cooperative Phenomena	X			
E	ECEE 607	Nanoscale Fields			X	
E	ECEE 619	RFIC Design			X	
E	ECEE 621	Thin Film Technology I	X			
E	ECEE 622	Microfabrication Technology		X		
E	ECEE 623	Thin Film Technology III			X	
E	ECEE 641	Fib Ops & Opt Comms I	X			
E	ECEE 642	Fib Ops & Opt Comms II			X	
E	ECEE 671	Seminar in Electro-Physics I	X			
E	ECEE 672	Seminar in Electro-Physics II		X		
E	ECEE 673	Seminar in Electro-Physics III			X	
E	ECEE 697	Research in Electrophysics	X	X	X	X
E	ECEE 811	Microwave & THZ Photonics I	X			
E	ECEE 812	Microwave & THZ Photonics II		X		
E	ECEE 813	Microwave & THZ Photonics III			X	
E	ECEE 820	Carrier Transport Fundamentals	X			
E	ECEE 821	Nanoelectronics		X		
E	ECEE 898	Mstrs Thes Electrophysics	X	X	X	X
E	ECEE 998	PhD Dissertatn Electrophy	X	X	X	X
E	ECEP 501	Power System Analysis	X			
E	ECEP 502	Computer Analy Power Sys		X		
E	ECEP 503	Synchronous Machine Modeling			X	
E	ECEP 601	Modeling/Analy Power Dist Sys	X			
E	ECEP 602	Power Dist Automation & Ctrl		X		
E	ECEP 603	Service/Power Qual in Dist Sys			X	
E	ECEP 610	Power System Dynamics		X		
E	ECEP 611	Power System Security			X	
E	ECEP 612	Econ Oper Power Systems			X	
E	ECEP 613	Advanced Power System Design			X	
E	ECEP 641	Protective Relaying	X			
E	ECEP 642	Protective Relay Laboratory	X			
E	ECEP 643	Solid State Protect Relay		X		
E	ECEP 661	High Voltage/Power Phenomena	X			
E	ECEP 671	AC-DC/DC-AC Pwr Electr Conv	X			
E	ECEP 672	Power Electronic Experiments		X		
E	ECEP 673	Power Electronic Applications			X	
E	ECEP 697	Research in Power Engineering	X	X	X	X
E	ECEP 801	Adv Topics Power Sys I	X			

E	ECEP 802	Adv Topics Power Sys II		X		
E	ECEP 803	Adv Topics Power Sys III			X	
E	ECEP 821	Load Forecast & Prob Mths	X			
E	ECEP 822	Power System Planning		X		
E	ECEP 823	Power System Reliability			X	
E	ECEP 898	Master's Thesis Powr Engr	X	X	X	X
E	ECEP 997	Dissert Rsch Power Engr	X	X	X	X
E	ECEP 998	PhD Diss Power Engineering	X	X	X	X
E	ECES 510	Analytical Methods in Systems	X			
E	ECES 511	Fundamentals of Systems I	X	X		
E	ECES 512	Fundamentals of Systems II		X	X	
E	ECES 513	Fundamentals of Systems III			X	X
E	ECES 521	Probability & Random Variables	X			
E	ECES 522	Random Process & Spec Analysis		X		
E	ECES 523	Detection & Estimation Theory			X	
E	ECES 558	DSP for Sound & Hearing	X			
E	ECES 559	Processing of the Human Voice		X		
E	ECES 604	Optimal Est & Stochastic Ctrl			X	
E	ECES 607	Estimation Theory			X	
E	ECES 614	Passive Network Synthesis		X		
E	ECES 615	Analy & Desgn Lin Act Net	X			
E	ECES 621	Communications I	X			
E	ECES 622	Communications II		X		
E	ECES 623	Communications III			X	
E	ECES 631	Fund of Deterministic DSP	X			
E	ECES 632	Fund of Statistical DSP		X		
E	ECES 640	Genomic Signal Processing	X			
E	ECES 642	Optimal Control	X	X		
E	ECES 643	Dig Cntl Sys Analy & Desn		X		
E	ECES 644	Computer Control Systems	X		X	
E	ECES 651	Intelligent Control			X	
E	ECES 660	Machine Listening and Music IR			X	
E	ECES 670	Seminar in Systems I	X			
E	ECES 671	Seminar in Systems II		X		
E	ECES 672	Seminar in Systems III			X	
E	ECES 681	Fund of Computer Vision		X		
E	ECES 682	Fundamentals of Image Proc			X	
E	ECES 684	Imaging Modalities		X		
E	ECES 685	Image Reconstruction Algor			X	
E	ECES 697	Research In Systems Engr	X	X	X	X
E	ECES 801	Advanced Topics in Systems I	X			

E	ECES 802	Advanced Topics in Systems II		X		
E	ECES 803	Advanced Topics in Systems III			X	
E	ECES 811	Optimization Mth Engr Dsn			X	
E	ECES 812	Math Program Engr Desgn		X		
E	ECES 813	Computer-Aided Network Design	X			
E	ECES 817	Non-Linear Control Sys	X			O
E	ECES 818	Mach Learning/Adaptive Control		X		
E	ECES 821	Reliable Comm & Coding I	X			
E	ECES 822	Reliable Comm & Coding II		X		
E	ECES 823	Reliable Comm & Coding III			X	
E	ECES 898	Master's Thesis Sys Engr	X	X	X	X
E	ECES 921	Reliable Comm & Coding I	X			
E	ECES 997	Dissert Rsrch Sys Engr	X	X	X	X
E	ECES 998	PhD Dissert Sys Engr	X	X	X	X
E	ECET 501	Fundamentals of Comm Engr			X	
E	ECET 511	Phys Foundations of Telecomm	X			
E	ECET 512	Wireless Systems		X		
E	ECET 513	Wireless Networks			X	
E	ECET 602	Information Theory and Coding			X	
E	ECET 603	Optical Comm and Networks		X		
E	ECET 604	Internet Laboratory			X	
E	ECET 697	Research in Telecomm	X	X	X	X
E	ECET 898	Master's Thesis Telecomm	X	X	X	X
E	ECET 998	PhD Dissertation Telecomm	X	X	X	X
B	ECON 601	Managerial Economics	X	X	X	X
B	ECON 616	Pub Fin Cost Benef Analy			X	
B	ECON 630	International Economics			X	
B	ECON 650*	Bus Stratgy: Game Thry & Appl				
B	ECON 901*	Foundations of Econ Analysis				
B	ECON 902	Mathematical Economics	X			
B	ECON 910	Advanced Microeconomics I		X		
B	ECON 911	Advanced Microeconomics II			X	
B	ECON 920	Advanced Macroeconomics I		X		
B	ECON 921	Advanced Macroeconomics II			X	
B	ECON 940	Econometrics I		X		
B	ECON 941	Econometrics II	X		X	
B	ECON 950	Industrial Organization I	X			
B	ECON 951	Industrial Organization II		X		
B	ECON 959	Industrial Organization Sem			X	
B	ECON 960	International Trade	X			
B	ECON 961	Empirical International Trade		X		

B	ECON 962*	Open Economy Macroeconomics				
B	ECON 964*	Economic Development				
B	ECON 969	International Trade Seminar			X	
B	ECON 979*	Open Economy Macro Seminar				
B	ECON 980	Game Theory	X			
B	ECON 998*	Dissertation Resrch Econ				
T	EDAM 500	Lead in Urban/Rural Settings	X		X	
T	EDAM 502	Resource Mgmt, Alloc & Entrepr		X		X
T	EDAM 522	Eval & Assess Competencies		X		X
T	EDAM 524	Mentor and Collaborative Ldshp	X		X	
T	EDAM 526	Inter & Eval Rsch & Acvmt Data	X		X	
T	EDAM 528	Rsrch Meth for Action Research		X		X
T	EDAM 540	Action Research Project	X		X	
T	EDEX 556	Char & Meth: Autism		X		X
T	EDEX 558	Char & Meth HF Autism		X		X
T	EDEX 560	Comm & Lang Int: ASD	X		X	
T	EDEX 562	Beh & Sensory Sup ASD	X		X	
T	EDEX 610	Action Research SP I		X		X
T	EDEX 611	Action Research SP II	X		X	
T	EDGE 510	Geography Education			X	
T	EDGE 511	Geography Ed: Teacher Lab			X	
T	EDGI 500	Intro to Global/Intl & Comp Ed	X		X	
T	EDGI 502	Glob, Int & Comp Education II		X		X
T	EDGI 504	History & Theory of Comp Educ	X		X	
T	EDGI 506	Comparative Higher Ed Systems	X		X	
T	EDGI 508	Under Rsrch in Int'l & Comp Ed		X		X
T	EDGI 510	Cul, Soc & Educ in Comp Persp		X		X
T	EDGI 512	Globalization & Educ Change	X		X	
T	EDGI 514	Educ & National Development	X		X	
T	EDGI 518	Policy Issues: Glob & Int Ed		X		X
T	EDGI 520	Comp Economics of Education	X		X	
T	EDGI 530	Peace Education		X		X
T	EDGI 532	Int'l Orgs in Int'l Education		X		X
T	EDGI 533*	Violence and Peace				
T	EDGI 534	Conflict Res in Int'l Context	X		X	
T	EDGI 535*	Prac of Confl Mgmt & Peace Bld				
T	EDGI 536*	Action Strateg for Peace Educ				
T	EDGI 600*	Study Abroad Experience				
T	EDGI 610*	Int'l Ecotourism & Education				
T	EDGI 715	Co-op with Portfolio	X		X	
T	EDHE 500	Foundations of Higher Ed	X		X	

T	EDHE 510	Governance in Higher Ed	X		X	
T	EDHE 520	Student Development & Mgmt		X		X
T	EDHE 540	Outcomes and Assessments	X		X	
T	EDHE 600	Human & Org Performance	X	X	X	X
T	EDHE 602	Managing Campus Operations		X		X
T	EDHE 606	Higher Ed Career Development	X		X	
T	EDHE 610*	Institutional Advancement				
T	EDHE 624*	Capital Financing Management				
T	EDHE 626*	Funding and Legal Issues				
T	EDHE 630*	Philanthropy: Ethics/Fund Rais				
T	EDHE 634*	Proposals & Sponsored Projects				
T	EDHE 640*	Foundations of Inst Research				
T	EDHE 644*	Assessments & Acad Programs				
T	EDHE 646*	Tools for Effective Reporting				
T	EDHE 650*	Intro to Enrollment Management				
T	EDHE 652*	Enrollment Mktg & Recruitment				
T	EDHE 654*	Fin Aid & Enrollment Mgmt				
T	EDHE 660	Principles of Adult Education			X	
T	EDHE 662*	Crit Iss Stdnt Aff				
T	EDHE 663*	Safety and Crisis Management				
T	EDHE 664*	Stratg Ed Success				
T	EDHE 668*	Transformational Leadership				
T	EDHE 669*	Diversity in Higher Education				
T	EDHE 680*	Foundations of Evaluation				
T	EDHE 682*	The Evaluation Process				
T	EDHE 684*	Eval & Assess in Practice				
T	EDHE 714	Intro to Research Methods		X		X
T	EDHE 715	Higher Education Co-op I	X		X	
T	EDHE 716	Higher Education Co-op II		X		X
T	EDLS 501*	Current Practices in Literacy				
T	EDLS 503*	Models of Reading				
T	EDLS 505*	Instruction in Early Literacy				
T	EDLS 507*	Developmental Reading				
T	EDLS 509*	Instr. Adlscnt Rdrs				
T	EDLS 511*	Dsg. a Lit. Prgm				
T	EDLS 515*	Lit. Evaluation & Assessment				
T	EDLS 519*	Secondary Content Reading				
T	EDLS 521*	Scfding for ELLs				
T	EDLS 529*	Literacy Practicum				
T	EDLT 536	Learning Sciences & Instr Des	X		X	
T	EDLT 537	Technologies for Perf Support		X		X

T	EDLT 538	New Media Literacies	X		X	
T	EDLT 539	Co-op Seminar Course		X		X
T	EDLT 541	Found of Game-Based Learning	X		X	
T	EDLT 542	Research in Motivation & GBL			X	
T	EDLT 543	Play & Learn in Particip Cult		X		X
T	EDLT 544	Games & Pedogogical Knowledge		X		X
T	EDLT 545	Design & Dev of Learn Games I			X	
T	EDLT 546	Design & Dev Learn Games II				X
T	EDLT 547*	Capstone Project I				
T	EDLT 548*	Capstone Project II				
T	EDLT 550	Intro to Instructional Design	X			
T	EDPO 620*	Ed Policy:Concepts,Issues,Apps				
T	EDPO 624*	Shaping Am Ed Policy				
T	EDPO 628*	Am Ed Policy & US Compet				
T	EDPO 632*	Ethics in ED Policy Making				
T	EDPO 636*	Access & Equity in ED PM				
T	EDPO 640*	ED PM Tactics & Influence				
T	EDUC 505	Instructional Systems Design				X
T	EDUC 510*	Computer Appl In Teaching				
T	EDUC 511	Computer Skills for Teachers		X		X
T	EDUC 512*	Focus on World Geography				
T	EDUC 514	Science Teaching Methods	X		X	
T	EDUC 516	Diversity and Today's Teacher		X		X
T	EDUC 518	Mathematics: Method & Content		X		
T	EDUC 520	Prof Studies Instruction	X	X	X	X
T	EDUC 522	Evaluation of Instruction		X		X
T	EDUC 523*	Diagnostic Teaching				
T	EDUC 524	Current Rsrch Curric & Inst		X		X
T	EDUC 525	Multi-Media Instruc Desgn		X		X
T	EDUC 526	Language Arts Processes	X		X	
T	EDUC 527*	Underst Learning Disabil				
T	EDUC 528*	Cult Hist Significance of Math				
T	EDUC 530	Adv Technq Instr & Assess		X		X
T	EDUC 531*	College Teaching & Comm Skills				
T	EDUC 532	Dsgn Virtual Comm- Non-Fld Exp		X	X	
T	EDUC 533	Designing Virtual Communities		X	X	
T	EDUC 534	Dev Educ Leaders Using Techn	X			
T	EDUC 535	Rsrch & Eval Instruction Tech	X		X	
T	EDUC 536	Distance Learning		X		
T	EDUC 537	Learning Disabilities II		X		X
T	EDUC 540	Field Experience	X	X	X	

T	EDUC 542	Fundamentals of Special Educ	X	X	X	X
T	EDUC 544	The Inclusive Classroom	X	X	X	
T	EDUC 546	Literacy & Content Skill Devel	X	X		X
T	EDUC 547	Special Education Processes	X		X	
T	EDUC 548	Emotional & Behavioral Support	X		X	
T	EDUC 549	High Incident Disabilities	X		X	
T	EDUC 550	Low Incident Disabilities		X		X
T	EDUC 551	Pervasive Develop Disorders		X		X
T	EDUC 552	Int Tech for Learn & Achv	X		X	
T	EDUC 553	Spec Ed: Methods & Practices	X		X	
T	EDUC 560*	Conflict Resolut				
T	EDUC 561*	Mediat Confl in Schl Settings				
T	EDUC 566*	Futures Stds Ed/Wrkplce				
T	EDUC 602	Language Learning & Teaching		X		X
T	EDUC 604	Structure/Sound Sys of English		X		X
T	EDUC 606	Design and Assessment	X		X	
T	EDUC 608	The Intercultural Learner	X		X	
T	EDUC 609*	Language & Culture in Educ				
T	EDUC 702	Schl Ldrshp & Decsn Making	X		X	
T	EDUC 705	School Law and Politics		X		X
T	EDUC 708	Tech Integr w/Sch Instr & Mgmt		X		X
T	EDUC 710	School Finance and Facilities	X		X	
T	EDUC 712	Sch/Comm Partn and Relations		X		X
T	EDUC 714	Instructional and Curr Ldrship	X		X	
T	EDUC 715	School Prin Intern: Technology		X		X
T	EDUC 716	Sch Princ Internship: Finance	X		X	
T	EDUC 717	Sch Princ Internship: Ldrship	X		X	
T	EDUC 718	Sch Princ Intern: Relations		X		X
T	EDUC 782*	Teachng thru Learning Channels				
T	EDUC 784*	Class Mngt: OCL				
T	EDUC 800*	Educational Leadrshp & Change				
T	EDUC 801*	Creatv Strat For Educ Ldr				
T	EDUC 802*	Using/Integrat Learn Tech				
T	EDUC 803	Educational Research Design I	X		X	
T	EDUC 804	Study Edu Orgs & Progrms	X		X	X
T	EDUC 806*	Linking Ed Theory to Research				
T	EDUC 807*	Multicult Prsp Leadership				
T	EDUC 810	Educational Research Design II		X		X
T	EDUC 811*	Multimedia Apps For Lrng				
T	EDUC 813	Educational Issues Seminar		X		X
T	EDUC 815*	Rsch Writing In Educ				

T	EDUC 817*	Curriculum Models				
T	EDUC 818*	Applied Research Study				
T	EDUC 820*	School Superintendency				
T	EDUC 824*	Parents and Schools				
T	EDUC 827*	Sch Supt Intern: Curric Models				
T	EDUC 828*	Sch Supt Intern: Parents/Schs				
T	EDUC 829*	Sch Supt Intern: III				
T	EDUC 830*	Sch Supt Intern: IV				
T	EDUC 835*	Quant Resrch/Data Analysis				
T	EDUC 836*	Qual Resrch/Data Analy				
T	EDUC 880	Doctoral Seminar	X	X	X	X
T	EDUC 998	PhD Dissertation	X	X	X	X
E	EGMT 501*	Engineering Management I				
E	EGMT 502*	Engineering Management II				
E	EGMT 504*	Communications				
E	EGMT 515	Infrastruct Condition Assess	X			
E	EGMT 516	Infr. Proj. & Prog. Plan		X		
E	EGMT 517	Pub. Val & Part. Inf. Dec.			X	
E	EGMT 520	Infrastructure Capstone Proj			X	
E	EGMT 531	Economics Engr Mgmt	X		X	
E	EGMT 535	Financial Management I		X		X
E	EGMT 536	Financial Management II			X	
E	EGMT 537	Problems In Engr Admini			X	
E	EGMT 571	Managerial Statistics I				X
E	EGMT 572	Managerial Statistics II	X			
E	EGMT 573	Operations Research I		X		
E	EGMT 574	Operations Research II			X	
E	EGMT 581	Problems in Human Relations	X	X	X	X
E	EGMT 605	R&D Management I		X		
E	EGMT 606	R&D Management II			X	
E	EGMT 607	Marketing for Engineers	X			
E	EGMT 610	Engr Ethics & Busn Pract	X		X	
E	EGMT 620*	Project Mgmt for Engineers				
E	EGMT 625*	Proj Planning, Sched & Control				
E	EGMT 635	Visual Systems Mapping				X
E	EGMT 650	Systems Engineering Leadership			X	
E	EGMT 652	Engineering Law		X		X
E	EGMT 660	Sustain Busn Pract for Engrs	X			
E	EGMT 685	Systems Engineering Management		X		X
T	EHRD 500	Foundations of HRD	X			
T	EHRD 600	Consulting/Leadership Coaching	X			

T	EHRD 650	Learning Leadership in Orgs			X	
T	EHRD 715	Capstone Co-op Portfolio I			X	
T	EHRD 716	Capstone Co-op Portfolio II				X
T	EHRD 800*	Org Learning & Strategy				
T	EHRD 801*	Leading & Evaluating Change				
T	EHRD 802*	Coach & Mentor for Sust Learn				
T	EHRD 803*	Performance Competencies				
T	EHRD 804*	Development of Human Resources				
E	ENVE 546	Solid Waste Systems		X		
E	ENVE 660	Chem Kinetics - Envr Engr		X		
E	ENVE 661	Env Engr Op-Chem & Phys			X	
E	ENVE 662	Enviro Engr Unit Oper-Bio			X	
E	ENVE 665	Haz Waste & Grndwtr Trtmt			X	
E	ENVE 681*	Groundwater Hydrology				
AS	ENVP 522	Environmental Law				X
AS	ENVP 523*	Environmental Regulations				
AS	ENVP 650	Resource & Envr Economics	X			
AS	ENVP 720	Envr Cost-Benefit Analysis		X		
AS	ENVP 760	Social Change & Environment			X	
AS	ENVP 771*	Thry/Prac Envr Pol Analys				
AS	ENVP 772*	Methods of Env Policy Analysis				
AS	ENVP 773*	Env Policy Analysis Practicum				
AS	ENVP 774	Envr Economic Analysis			X	
AS	ENVP 880	Environment and Society		X		
AS	ENVS 501	Chemistry of the Environment	X			
AS	ENVS 506	Biostatistics			X	
AS	ENVS 511	Evolutionary Ecology		X		
AS	ENVS 516*	Sanitary Microbiology				
AS	ENVS 520	Field Methods of Paleoecology			X	
AS	ENVS 521*	Environmental Health				
AS	ENVS 531	Industrial Hygiene I			X	
AS	ENVS 532	Industrial Hygiene II				X
AS	ENVS 538	Biodiversity & Conservation	X			
AS	ENVS 564	Animal Behavior			X	
AS	ENVS 565	Animal Behavior Lab			X	
AS	ENVS 582	Field Botany: NJ Pine Barrens				X
AS	ENVS 583	Ecology of the NJ Pine Barrens			X	
AS	ENVS 588	Marine Field Methods				X
AS	ENVS 613	Advanced Population Ecology		AY		
AS	ENVS 614	Advanced Community Ecology		AY		
AS	ENVS 626	Molecular Ecology	AY			

AS	ENVS 627	Molecular Ecology Lab	AY			
AS	ENVS 630	Aquatic Ecology			X	
AS	ENVS 636	Principles of Toxicology I	X			
AS	ENVS 637	Principles of Toxicology II		X		
AS	ENVS 690	Marine Ecology	X			
AS	ENVS 692	Ichthyology and Herpetology		AY		
AS	ENVS 710	Physiological Ecology		AY		
AS	ENVS 711	Aquatic Toxicology			X	
AS	ENVS 712	Biophysical Ecology		AY		
AS	ENVS 722	Tropical Ecology		X		
AS	ENVS 723	Tropical Field Studies		X		
AS	ENVS 726*	Evironmental Assessment				
AS	ENVS 797	Research	X	X	X	X
AS	ENVS 898	Master's Thesis			X	
AS	ENVS 998	Ph.D. Dissertation	X	X	X	X