

Prefix	Number	Course Name	Biochem.	Environ.	Organic	Polymer	Semester
APM	510	Statistical Analysis	X	X			Fall
APM	595	Probability and Statistics for Engineers		X			Fall
APM	625	Sampling Methods		X			Fall
APM	630	Regression Analysis		X			Fall
APM	645	Nonparametric Statistics & Categorical Data Analysis		X			Fall
APM	620	Experimental Design and ANOVA		X			Spring
APM	585	Partial Differential Equations for Engineers and Scientists					
APM	635	Multivariate Statistical Analysis		X			
BCM	684	Biomolecular Modeling	X			X	in even acad years
BEN	541	Principles of Tissue Engineering	X				
BEN	633	Drug Delivery	X		X	X	
BEN/CEN	662	Biofuels, Bioproducts, and Biorefining	X	X		X	
BPE	620	Bioseparations	X				Fall
BPE	510	Introduction to Polymer Coatings				X	Fall/Spring/Summer
BPE	536	Radiation Curing of Polymer Technologies				X	Fall/Spring/Summer
BPE	511	Radiation Curing Equipment, Instrumentation and Safety				X	
CHE	546	Molecular Spectroscopy and Structure	X	X	X	X	annually
CHE	612	Metals in Medicine	X		X		annually
CHE	614	Introduction to Medicinal Chemistry	X		X		annually
CHE	627	Organic Chemistry of Biological Molecules	X		X		annually
CHE	635	Physical Cell Biology	X				annually
CHE	636	Advanced Physical Chemistry					annually
CHE	638	Open Problems in Soft Interfaces (w/BIO and PHY)				X	annually
CHE	675	Advanced Organic Chemistry			X		annually
CHE	676	Introduction to Organic Synthesis: Methodology			X		annually
CHE	678	Perspectives in Biochemistry			X		annually
CHE	686	Advanced Organic Synthesis: Design			X		annually
CHE	626	Organometallic Chemistry			X		even years
CHE	634	Adv. Chem. Instrum. and Analytical Techniques	X	X	X	X	irregularly
CHE	615	Main Group Chemistry					odd years
CHE	611	Inorganic Chemistry					Spring
CHE	645	Quantum Mechanics in Chemistry					Spring of odd years
CHE	600	Atmospheric Aerosol Chemistry		X			still offered?
CIE	657	Biogeochemistry		X			Fall
CIE	662	Chemistry of Soil and Natural Surfaces		X			
CIS	551	Modern Programming in Java					
CME	770	Biodegradation of Wood	X	X		X	Spring
EAR	605	Global Change: Geologic Record		X			annually
EAR	620	Contaminant Hydrogeology		X			Spring

EAR	601	Hydrogeology			X				Fall
ECN	601	Survey of Microeconomic Theory							
ECN	602	Survey of Macroeconomic Theory							
ECS	636	Sustainable Development and Infrastructure Management							
EEE	650	Entrepreneurship in Engineering and Science							
EFB	600	Toxic Health Hazards	X		X				Fall
EFB	601	Molecular Biology Techniques	X						Fall
EFB	624	Limnology: Study of Inland Waters			X				Fall
EFB	505	Microbial Ecology	X		X				Spring
EFB	611	Topics in Environmental Toxicology			X				Spring
EFB	645	Plant Ecology and Global Change	X		X				Spring
EFB	522	Biophysical Economics							
EHS	680	Hazardous Waste Management			X	X	X		Fall
EHS	640	Occupational Health and Safety	X		X	X	X		
ERE	530	Numerical and Computing Methods							Fall
ERE	519	Green Entrepreneurship							Spring
ERE	640	Water and Wastewater Treatment			X				Spring
ERE	674	Methods in Ecological Treatment Analysis			X				Spring
ESF	797	Seminar on Information Resources			X				Fall
EST	600	Foundations of Environmental Studies			X				Fall
EST	640	Environmental Thought and Ethics			X				Fall
EST	550	Environmental Impact Analysis			X				
EST	612	Environmental Policy and Governance			X				
EST	626	Concepts & Principles of Sustainable Development			X				
EST	627	Environmental and Energy Auditing							
EWP	597	Graduate Scholarly Writing	X		X	X	X		Spring
FOR	545	Introduction to Soils			X				Fall
FOR	557	Fundamentals of Geographic Info. Systems			X				Fall
FOR	665	Natural Resources Policy			X				Fall
FOR	687	Environmental Law and Policy			X				Fall
FOR	538	Meteorology			X				Spring
FOR	540	Watershed Hydrology			X				Spring
FOR	694	Writing for Scientific Publication	X		X	X	X		Spring
FOR	560	Principles of Management for Environmental Professionals							
FOR	670	Resource and Environmental Economics							
FSC	657	Principles of Human Toxicology							annually
FSC	654	Nuclear Forensics							online, only
FSC	606	Advanced Forensic Science							every semester
GNE	661	Air Pollution Engineering			X				Fall
IST	565	Data mining							

MAS	766	Linear Statistical Models I: Regression Models		X		annually
MAT	581	Numerical Methods with Programming		X		annually
MBC	601	Economic Foundations of Busiuness				
MCR	680	Fundamentals of Microscopy	X	X		Fall
MCR	783	Operation of the Scanning Electron Microscope		X		Fall
MCR	785	Scanning Electron Microscopy (5 credits)		X		Fall
MCR	682	Transmission Electron Microscopy for Nanoparticles			X	Fall, Spring
MCR	570	Medical & Industrial Appl. of Electron Microscopy	X		X	Spring
MCR	683	Operation of the Transmission Electron Microscope		X	X	Spring
MCR	685	Transmission Electron Microscopy (5 credits)				Spring
MTS	533	Introduction to Theory of Materials				
PHY	607	Computational Physics				annually
PHY	651	Instrumentation in Modern Physics				annually
PHY	581	Methods of Theoretical Physics				
PSE	561	Engineering Thermodynamics				Fall
PSE	570	Principles of Mass and Energy Balances				Fall
PSE	677	Process Control				Fall
PSE	656	Management in Industry				Spring
PSE	667	Colloidal and Interface Science Applications in Papermaking				
SRE	535	Renewable Energy		X	X	
SRE	641	Biomass Energy		X	X	