

### Environmental Course Offerings for Fall 2021

The list is suggestive, not permissive, and not a license to take any particular course to fulfill the ESTD major. Individual Programs of electives are negotiated between you and the ESTD advisor (McCall)). Check w course instructors to assure suitability of a class for you in light of prerequisites. Check SIS system for updates on USNA, USSO, USSY courses, which are subject to late additions and deletions

**Courses in bold font** satisfy ESTD distribution or core requirements this semester. Italics indicate an ESTD required course

<b>Subject #</b>	<b>Title</b>	<b>Instructor</b>	<b>Day</b>	<b>Time</b>
ANTH 102	Being Human : Intro to cultural anthropology	M Goldstein	T/R	1:00-2:15 PM
ANTH 102	Being Human : Intro to cultural anthropology	K Almeida	MW	12:45-2:00 PM
ANTH 103	Introduction to Human Evolution.	C Beall	T/R	8:30-9:45 AM
ANTH 107	Archeology: An Introduction	J Shaffer	T/R	10:00 - 11:15 AM
ANTH 359	Introduction to Global Health	J McGrath	MWF	9:30-10:20 AM
<b>ANTH 382<sup>a</sup></b>	<b>Anth/Ecol Perspectives Natural World</b>	<b>R Smith</b>	<b>T/R</b>	<b>11:30-12:45 PM</b>
BIOL 214	Genes, Evolution, Ecology	staff	MWF	3:20-4:10 PM
BIOL 306	Mathematical Analysis of Biological Models	Robin Snyder	T/R	10:00-11:15 AM
<b>BIOL 309<sup>c</sup></b>	<b>Biology Field Study: Costa Rica</b>	<b>Ron Oldfield</b>	<b>tba</b>	<b>tba</b>
BIOL 318	Introductory Anthropology	M Willis	MWF	12:45-2:00 PM
BIOL 336	Aquatic Biology	D Harris	T/R	10:00-11:15AM
BIOL 339	Aquatic Biology Lab	D. Harris	W	2:15-5:15 PM
<b>BIOL 351</b>	<b>Principles of Ecology</b>	<b>J Moriuchi</b>	<b>MWF</b>	<b>9:30-10:20 AM</b>
BIOL 353	Ecophysiology of Global Change (+ Weds lab)	S Diamond	M	2:15-5:15 PM
ECON 102	Principles of Microeconomics	six sections		
ECON 103	Principles of Macroeconomics	three sections		
ECON 216	Data Visualizaation in R	D. Klingingsmith	T/R	1:00-2:15 PM
ECON 330	Economic Behavior & Psychology	R Sheremeta	T/R	10:00-11:15 AM
EEPS 110	Physical Geology	J Van Orman	T/R	1:00-2:15 PM
EEPS 117	Weather & Climate	S Giri	T/R	10:00 - 11:15 AM
EEPS 119	Geology Laboratory	S Hauck	W	2:15-5:05 PM
EEPS 225	Evolution (x-listed in many depts)	P Princehouse	R	6:00-8:30 PM
<b>EEPS 303</b>	<b>Environmental Law</b>	<b>P McCall</b>	<b>MW</b>	<b>3:20-4:35 PM</b>
EEPS 305	Geomorphology & Remote Sensing (lab req)	P Whiting	MW	12:45-2:00 PM
EEPS 321	Hydrogeology	staff	TR	11:30-12:45 PM
ENGL 380	Climate Change Fiction - Dept Seminar	M Grimm	TR	2:30 - 3:45 PM
HSTY111	What is Science?	C Haufe, A. Rothman	TR	10:00-11:15 AM
HSTY 204	Introduction to Nonprofit Sector	E Hagesfeld	TR	1:00-2:15 PM
<b>ESTD 303</b>	<b>Environmental Law</b>	<b>P McCall</b>	<b>MW</b>	<b>3:20-4:35 PM</b>
<b>ESTD 388</b>	<b>Politics, Policy &amp; Global Environment</b>	<b>M Hodgetts</b>	<b>MW</b>	<b>3:20 - 4:35 PM</b>
<b>ESTD 398/399</b>	<b>Seminar in Environmental Studies</b>	<b>P McCall</b>	<b>R</b>	<b>4:00-6:30 PM</b>
MATH 201	Linear Algebra Applications	multiple sections	T/R	
MATH 224	Elementary Differential Equations	various	various	
PHIL 305	Ethics	J Bendik-Keymer	T	4:00-6:30 PM
POSC 385	Doing Gov't Work: Public Admin USA	J White	MW	12:45-2:00 PM
<b>POSC 388</b>	<b>Politics, Policy &amp; Global Environment</b>	<b>M Hodgetts</b>	<b>MW</b>	<b>3:20 - 4:35 PM</b>
RLGN 101	Religion & Culture	J Tan	T	4:00-6:30 PM
<b>RLGN 206</b>	<b>Religion &amp; Ecology</b>	<b>T Beal</b>	<b>R</b>	<b>4:00-6:30 PM</b>
RLGN 253	Religion & Philosophy in China (Xlist PHIL)	J Tan	T/R	10:00-11:15 PM
SOCI 101	Introduction To Sociology	multiple sections		
SOCI 113	Critical Problems in Society	staff	T/R	4:00-5:15 PM
STAT 201,312, 312R	Statistics for Life Sci or Sci/Engr	multiple sections		
STAT 325	Data Analysis and Linear Models	A Mondel	T/R	1:00-2:15 PM
STAT 455	Linear Models	P. Williamson	T/R	10:00 - 11:15 AM
USNA 287C	Animal & Humans: making sense of the bond	R Oldfield	MWF	10:35-11:25 AM
USNA 287S	Society & Natural Resources	S Hardy	MW	4:50-6:05 PM
<b>USSO 288Y<sup>b</sup></b>	<b>The Secret History of Corporate America</b>	<b>T Steinberg</b>	<b>T/R</b>	<b>4:00-5:15 PM</b>
USSO 289P	Polar Regions in History	E. Todd	MW	12:45-2:00 PM

The following Engineering courses are good electives but may come with pre-requisites; check with instructors.

DSCI 351	Exploratory Data Science	R French	T/R	11:30-12:45 PM
ECHE 360	Transport Phenomena for Chemical Systems	D Feke	MWF	11:40- 12:30 PM
ECIV 361	Water Resources Engineering	G Beim	T/R	4:00-5:15 PM
ECSE 324	Modeling/Simulation of Dynamical Systems	V Changkong	T/R	1:00 - 2:15 PM
<b>ECSE 342</b>	<b>Introduction to Global Issues</b>	<b>S Sreenath</b>	<b>T</b>	<b>7:00- 9:30 PM</b>
ECSE 368	Power System Analysis	H Agharazi	TR	1:00-2:15 PM
EMSE 349	Materials for Energy & Sustainability	M Deguire	MWF	10:35-11:25 AM
ENGR 225	Thermodynamics, Fluid Dynamics	R. Sankaran	various	several sections

*The math/stat and some of the econ/engineering courses may have no explicit environmental content, but the techniques learned in them are used all the time by environmental scientists.. Contact the instructors to see if you have the necessary background to succeed in courses for which there may be suggested prerequisites.*

<sup>a</sup> satisfies the ESTD Social Science distribution requirement this year

<sup>b</sup> satisfies the ESTD Humanities distribution requirement this year

<sup>c</sup> can satisfy the ESTD Natural Science distribution requirement this year+ instructor consent required for registration.