

EAS FALL/SPRING Two-Year rolling COURSE SCHEDULE*

*This list is for general planning purposes and is subject to change (last update March 15, 2009)

Schedule of Classes/Course Information is available online at (select semester/term, then select Earth and Atmospheric Sciences; note that the online schedule does not show all future https://esa-oas-prod.itap.purdue.edu:9011/prod/bwckctlg.p_disp_dyn_ctlg?)

Current semester is shown for continuity. Professor/Instructor name shown. X means course is not offered that semester. A blank cell means that the course may be offered that semester but Professor/Instructor has not been assigned or is "to be selected", such as in Independent Study courses. TBD mean Professor/Instructor "to be determined".

Course #	Title	Spring 2009	Fall 2009	Spring 2010	Fall 2010	Spring 2011
EAS 10000	Planet Earth	Braille-449	Braile	Braile		
EAS 10200	Earth Sci. Elem. Teach.	Krockover-79	Krockover	Krockover		
EAS 10400	Oceanography	Tharp-152	Ogg	Beitler Bowen	Ogg	
EAS 10500	The Planets	X	Nowack			
EAS 10600	Geos in the Cinema	Freed /Diffenbaugh-18	Freed /Diffenbaugh/Bowen	Freed /Diffenbaugh/Bowen		
EAS 10700 (191T)	American Landscapes	X	Tharp	Tharp		
EAS 10900	The Dynamic Earth	X	Filley	X	Filley	
EAS 11100	Physical Geology	Riggs-191	Riggs	Haq	Riggs	
EAS 11200	Historical Geology	Brennan-15		to be selected		
EAS 11300	Intro. to Envir. Science	X	Gurney/Graveel			
EAS 11500	Dinosaurs	X	Cushman			Cushman
EAS 11600	Earthquakes & Volcanoes	Haase 58	Haase	Haase	Flesch	Haase
EAS 11700 (191A)	Intro. Atmos. Sci.	Agee-39	X	Agee	X	Agee
EAS 11800 (191R)	Intro to Earth Science	G. Bowen-23	X	Bowen		Bowen
EAS 12000	Intro. to Geography	Tharp-129	Tharp	Tharp		
EAS 13300- omit	Freshman Seminar in Atmos	X				
EAS 13800	Thunderstorms & Tornadoes	X	Agee	X	Agee	X
EAS 14300 -omit	Freshman Sem. in Geos	x				
EAS 15100	Oil!	X	Ogg		Ogg	
EAS 17100	History of Life	X				
EAS 19100 (new137)	Freshman Sem. Earth&AtmosSci	Haase-38	X	Haase	X	Haase
EAS 19100	Intro. to Earth Science	Bowen -23				
EAS 22100	Survey Atmos. Sci.	Trapp-150	??	Visitor	no	Trapp
EAS 22500	Sci. of the Atmosphere	X	Lasher-Trapp	X	Lasher-Trapp	
EAS 22600	Intro to Atmos. Sci. Research		K.Quardokus(TA)	X	K.Quardokus(TA)	

EAS 23000 -TA	Lab in Atmos. Sci.	(3 labs) -31		yes		yes
EAS 24300	Earth Materials I	X	Shieh		Shieh	
EAS 24400	Earth Materials II	Shieh- 9	X	Shieh		
EAS 30900	Comp Aided Analysis Geos	Tung/Baldwin-15	X	?	X	
EAS 31200	Envir. Science Capstones	Ballotti-79	Shepardson		Shepardson	
EAS 31300	Applied Geomorph.	X				
EAS 32000	Physics of Climate	X	Harshvardhan	Huber		Huber
EAS 32500	Aviation Meteor.	Carney-79	X	Carney	X	Carney
EAS XXX/AGRY 33500	Weather and Climate			Niyogi		
EAS 35100	Struc. Tec. Basin Analysis I	X	Ridgway			
EAS 35200	Structural Geology	X	Haq		Haq ?	
EAS 35300 (391A)	Earth Surface Process.	X	Granger		Granger	
EAS 35400 (391x)	Plate Tectonics	Gilbert-9	X	Gilbert/Flesch		
EAS 38100	Geol. for Engrs. I	X	NO			
EAS 38500	Prin. of Engr. Geology	West-6	X	West		
EAS 39000	Geologic Field Methods	X		Granger		
EAS 39100-	Meteorology Internship	Baldwin-1				
EAS 39100-	Topics in EAS	X				
EAS 39100-	Fossil Fuels & Society	Zinsmeister-70	Zinsmeister			
EAS 39100	Earth History			Zinsmeister		Zinsmeister
EAS 39100	Team Forecasting	X	Baldwin	X	Baldwin	
EAS 39100-	Changing the Water Paradigm	Cooper-9		Cooper		
EAS 40300	Physical Ocean.	X				
EAS 42000	Global Climate Modeling	X			Huber	
EAS 42100	Atmos. Thermodynamics	X	Visitor	X	Visitor	
EAS 42200	Atms. Dynamics I	Tung-20	X	Tung	X	Tung/Visitor
EAS 42300	Atmos Dynamics II	X	Sun	X	Sun	
EAS 43100 -TA	Synoptic Lab. I	X	TA			
EAS 43200 -TA	Synoptic Lab II	TA-15	X			
EAS 43300 -TA	Synoptic Lab II	X	TA			
EAS 43400	Wthr Analysis & Forecasting	Baldwin-17	X	Baldwin		Baldwin
EAS 45000	Phys Chem Solid Earth	X				
EAS 47300	Invertebrate Paleontology	X				
EAS 47400	Sedimentation & Stratigraphy	Ogg/B. Bowen- 8	no	Ogg?		Ogg/Bowen
EAS 49400	EAS Undergrad. Seminar					
EAS 49700 (all)	EAS Undergrad. Reading & Res.					
EAS 50900	Data Anly Tech in Geos	X				
EAS 51300	Geomorphology	X				
EAS 51900	Appl. of Envir. Geos.	X				

EAS 52100	Atmos. Chemistry	X	Michalski		Michalski	
EAS 52300	Radar Meteorology	X	Trapp			
EAS 52500/AGRY5350	Boundary Layer Meteor.	Niyogi		Sun?		Niyogi
EAS 53200	Atms. Physics I	Harsh./Lasher-Trapp -2	X	Visitor		
EAS 53300	Atms. Physics II	X			Harsh.	
EAS 53400	Tropical Meteor.	X	X	X	Tung	X
EAS 53500	Atmos. Obs & Meas II	X	Visitor	X	Visitor	
EAS 53600	Intro. to General Circulation	X				
EAS 53800	Cumulus Dynamics	X				Lasher-Trapp?
EAS 54200	Petroleum Geology				Ridgway	
EAS 54900	Isotope Geology	X	Michalski/Shieh		Michalski	
EAS 55600	Planetary Geology	X				
EAS 55700	Intro. Seismology	X	Nowack			
EAS 55900(A)	3D Seismic Interpretation	x	X	Nowack		
EAS 57200	Paleoecology	X				
EAS 57300	Basin Analysis	X	Ridgway			
EAS 58300	Geology of Landfills	X	West			
EAS 58400	Hydrogeology	X	Cooper			
EAS 59000-	Field Geology of N. America	Ridgway-10	X			
EAS 59000- ??	Environmental Security	(Gurney)	X			
EAS 59100 (all)	Adv. Topics/various titles					
EAS 59100	Aerosols, Clouds & Climate	Harsh/Lasher-Trapp -9				
EAS 591 / w CIVL	Aqueous Geochemistry			Filley		
EAS 59100	App. Geol. for Sci. & Engr.		West			
EAS 59100	Atmos. profiling using GPS		Haase			
EAS 59100	Atmos. field projects			Haase		Haase
EAS 59100	Biogeochem. Grad Seminar	Filley/Bowen/Michalski -5				
EAS 59100	Crustal Tectonics		Ridgway			
EAS 59100	Diagenesis		Beitler Bowen			
EAS 59100	Data Assimilation		Baldwin			
EAS 59100	Earthq. & Seismic Hazards				Haase	
EAS 59100	Forecast Verification				Baldwin	
EAS 59100	GAT seminar	Gilbert/Haq -7				
EAS 59100	Geologic Dating Methods			Granger ?		
EAS 59100	Geodynamics	Freed-9	X	Freed		Freed
EAS 59100	Geodesy and gravity	Calais-2	X			
EAS 591/ POL 520	Great Issues-Climate & Policy		Huber/ Raymond			

EAS 59100	Great Issues class			McNie		McNie
EAS 59100	GPS Geodesy		Calais			
EAS 59100	Isotope Hydrology		Bowen			
EAS 591/ w AGRY	Land Surface Modeling		Niyogi			
EAS 59100	Lithospheric Deformation		Gilbert/Flesch			
EAS 59100	New Prov. Tech. in Sed. Geol.	Ridgway-3	X			
EAS 59100	Math. of Dispersive Processes	Cushman-1	X			
EAS 591	Mesoscale Conv Proc. in Atmos.				Trapp	
EAS 591/w Ary 598	Modeling Ecosystems & Biogeochem.			Zhuang		
EAS 591	Paleoclimate Reconstruction				Bowen	
EAS 591/w Agry xx	Prin. Terr. Ecosys. Ecology		Zhuang/Gurney			
EAS 59100	Polar Cont. Theories			Cushman	SABB.	
EAS 59100	Rock Slope Stability	West-2	X			
EAS 59100	Soil Biogeochemistry	Filley/Johnston -8	X	X	X	Filley/Johnston
EAS 591/ w STAT	Stat. Method for Atmos Sci	Gluhovsky-7		Gluhovsky		Gluhovsky
EAS 59100	Tectonic Geomorphology	Granger-6	X			Granger
EAS 59100	Trends, Extremes & Predict.		Gluhovsky		Gluhovsky ?	
EAS 59100	Tibetan Plateau		Gilbert			
EAS 59100	Topics in Geocognition	Riggs-6	X			
EAS 59100	Topics in CO2 Sequestration	Beitler Bowen-2	X			
EAS 59100	Topics in Climate Change		Gurney			
EAS 59100	Topics Geol. Remote Sensing				Beitler Bowen	
EAS 59100	(teach at Univ IL)		Flesch/Gilbert & X.Song			
EAS 59100	Writing Successful Proposals		Freed & Huber		Freed & Huber	
EAS/AGRY XXXXX	Indian Monsoons				Niyogi	
EAS 61300	Adv. Topics in Geomorphology	X				
EAS 63000	Atmos. Remote Sensing	X	x	Harshvardhan	Harshvardhan?	
EAS 63100	Cloud Physics	X				
EAS 63200	Adv. General Circulation	X	x			
EAS 63300	Synoptic Scale Dynamics	X				
EAS 63400	Numerical Modeling Atms. Sys.	Sun-1				
EAS 63600	Mesoscale Meteorology	X				
EAS 63700	Geofluid Dyn. Rotat. Sys.	X				
EAS 63800	Atmos. Radiation	X				
EAS 63900	Atmos. Fluid Dynamics	X				
EAS 64000	Petrography of Aggregates	X		West		
EAS 65000	Advanced Topics in Geophysics	X				
EAS 65200	Folding of Rocks	X				
EAS 65400	Fracturing of Rocks	X				

EAS 65700	Geophys. Inverse Theory	X				
EAS 65800	Quantitative Seismology	Nowack/De Hoop -5	X			
EAS 68000	Contaminant HydroGeology	X				
EAS 69000	Seminar in Atmos. Sci.	X				
EAS 69100	Seminar in Earth Science	Nowack-10	Nowack			
EAS 69800 (all)	Research MS Thesis					
EAS 69900 (all)	Research PhD Thesis					