

EAS FALL/SPRING Two-Year rolling COURSE SCHEDULE*

*This list is for general planning purposes and is subject to change (updated Mar 2011)

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", and that the course must be taught that semester (for curriculum

Course #	Title	Spring 2011	Fall 2011	Spring 2012	Fall 2012	Spring 2013
EAS 10000	Planet Earth	Braile	Braile	Braile	Braile	Braile
EAS 10200	Earth Sci. Elem. Teach.					
EAS 10400	Oceanography	Beitler-Bowen	Ogg	Beitler-Bowen	Ogg	TBD
EAS 10500	The Planets	X	X	Nowack		Minton
EAS 10600	Geos in the Cinema	Bowen	Bowen	Bowen	Bowen	Bowen
EAS 10700 (191T)	American Landscapes	Tharp	Tharp	Tharp	Tharp	Tharp
EAS 10900	The Dynamic Earth	X	Filley	X	Filley	X
EAS 11100	Physical Geology	Haq	Lifton	Haq	TBD	Haq
EAS 11200	Historical Geology	West	TBD	West	TBD	West
EAS 11300	Intro. to Envir. Science	X	West	X	West	X
EAS 11500	Dinosaurs					
EAS 11600	Earthquakes & Volcanoes	Gilbert	Flesch	Gilbert	Flesch	Nowack?
EAS 11700 (191A)	Intro. Atmos. Sci.	Agee	X	Agee	X	Agee
EAS 11800 (191R)	Intro to Earth Science	Bowen?	X	Bowen	X	Bowen
EAS 12000	Intro. to Geography	Tharp	Tharp	Tharp	Tharp	Tharp
EAS 13800	Thunderstorms & Tornadoes	X	Agee	X	Agee	X
EAS 15100	Oil!					
EAS 17100	History of Life					
EAS 13700	Freshman Sem. Earth&AtmosSci	Haase	X	Agee	X	Agee
EAS 19100	Intro. to Earth Science					
EAS 22100	Survey Atmos. Sci.	Min	X	TBD	X	TBD
EAS 22500	Sci. of the Atmosphere	X	Trapp	X	Trapp	X
EAS 22600	Intro to Atmos. Sci. Research	X	Lasher-Trapp/Baldwin	X	TBD	X
EAS 23000 -TA	Lab in Atmos. Sci.	TA (3 labs)	X	TA	X	TA
EAS 24300	Earth Materials I	Shieh	X	Shieh	X	Shieh
EAS 24400	Earth Materials II	X	Shieh	X	Shieh	X

EAS 30100	Oil! (Great Issues)	X	Ogg	X	Ogg	X
EAS 30900	Comp Aided Analysis Geos	Braille	X	Braille	X	Braille
EAS 31200	Envir. Science Capstones					
EAS 31300	Applied Geomorph.					
EAS 31900	Earth History	Zinsmeister?	X	Zinsmeister	X	Zinsmeister
EAS 32000	Physics of Climate	Huber	X	Harsh	X	Huber
EAS 32500	Aviation Meteor.	Carney	X	Carney	X	Carney
EAS XXX/AGRY 33500	Weather and Climate					
EAS 35100	Struc. Tec. Basin Analysis I					
EAS 35200	Structural Geology	X	Haq	X	X	Haq
EAS 35300 (391A)	Earth Surface Process.	X	Granger/Lifton	X	Granger/Lifton	X
EAS 35400 (391x)	Plate Tectonics	Flesch?	X	Flesch	X	Gilbert
EAS 36000	Science and Society (Great Issu	TBD	TBD	TBD	TBD	TBD
EAS 37500	Fossil Fuels & Society (Great Iss	Zinsmeister	Zinsmeister	Zinsmeister	Zinsmeister	Zinsmeister
EAS 38100	Geol. for Engrs. I					
EAS 38500	Prin. of Engr. Geology					
EAS 39000	Geologic Field Methods	Granger?	X	Granger	X	Lifton
EAS 39100-	Meteorology Internship	Baldwin				
EAS 39100-	Atmos. Field Projects	Trapp/Min/Haase				
EAS 39100-	Carbon Climate & Society	McNie				
EAS 39100-	Fossil Fuels & Society					
EAS 39100	Earth History					
EAS 39100	Team Forecasting	X	Baldwin	X	Baldwin	X
EAS 39100-	Changing the Water Paradigm					
EAS 40300	Physical Ocean.					
EAS 41900	Internship Environmental Geo	Harbor	Harbor	Harbor	Harbor	Harbor
EAS 42000	Global Climate Modeling					
EAS 42100	Atmos. Thermodynamics	X	Lasher-Trapp	X	Lasher-Trapp	X
EAS 42200	Atms. Dynamics I	Tung	X	Trapp	X	Tung
EAS 42300	Atmos Dynamics II	X	Sun	X	Sun	X
EAS 43100 -TA	Synoptic Lab. I	X	TA (L-T revises)	X	TA	X
EAS 43200 -TA	Synoptic Lab II	TA	X	TA	X	TA
EAS 43300 -TA	Synoptic Lab II	X	TA	X	TA	X
EAS 43400	Wthr Analysis & Forecasting	Baldwin	X	Baldwin	X	Baldwin
EAS 45000	Phys Chem Solid Earth	X	Haase	X	Haase	X
EAS 47300	Invertebrate Paleontology					
EAS 47400	Sedimentation & Stratigraphy	Ogg	X	X	X	Ogg
EAS 49400	EAS Undergrad. Seminar					
EAS 49700 (all)	EAS Undergrad. Reading & Res.					
EAS 50900	Data Anly Tech in Geos					

EAS 51300	Geomorphology					
EAS 51900	Appl. of Envir. Geos.					
EAS 52100	Atmos. Chemistry					
EAS 52300	Radar Meteorology		Trapp		Trapp	
EAS 52500/AGRY5350	Boundary Layer Meteor.					
EAS 53200	Atms. Physics I	Harsh./Min	X	Lasher-Trapp	X	Harsh
EAS 53300	Atms. Physics II		Harsh			
EAS 53400	Tropical Meteor.				Tung	
EAS 53500	Atmos. Obs & Meas	X	EAS 523 replaces	X	EAS 523 replaces	X
EAS 53600	Intro. to General Circulation					
EAS 53800	Cumulus Dynamics					
EAS 54200	Petroleum Geology					
EAS 54900	Isotope Geology					
EAS 55600	Planetary Geology					
EAS 55700	Intro. Seismology	X	Nowack	X	Nowack	X
EAS 55900(A)	3D Seismic Interpretation	X	Nowack	X	X	Nowack
EAS 57200	Paleoecology					
EAS 57300	Basin Analysis	X	X	X	Ridgway	X
EAS 58300	Geology of Landfills	X	West	X	West	X
EAS 58400	Hydrogeology					
EAS 59000-	Field Geology of N. America	Ridgway	X	Ridgway	X	Ridgway
EAS 59000- ??	Environmental Security					
EAS 59100 (all)	Adv. Topics/various titles					
EAS 59100	Aerosols, Clouds & Climate					Lasher-Trapp/Harsh
EAS 591 / w CIVL	Aqueous Geochemistry					
EAS 59100	Solar and Terrestrial Radiation				Harsh	
EAS 59100	App. Geol. for Sci. & Engr.					
EAS 59100	Atmos. profiling using GPS					
EAS 59100	Atmo. Chemistry	X	Michalski	X	Michalski	X
EAS 59100	Atmos. field projects	Trapp/Min/Haase				
EAS 59100-	Biogeochem. Grad Seminar	X	X	X	X	Michalski
EAS 59100	Chaos & Complexity Atmos & Clim. Dynamics					
EAS 59100	CO2 Sequestration	X	X	Beitler-Bowen	X	X
EAS 59100	Crustal Tectonics	X	Ridgway	X	X	X
EAS 59100	Diagenesis					
EAS 59100	Data Assimilation					
EAS 59100	Earthq. & Seismic Hazards					
EAS 59100	Midlatitude Weather Systems	Smith				
EAS 59100	Forecast Verification					

EAS 59100	GAT seminar	TBD	TBD	TBD	TBD	TBD
EAS 59100	Geologic Dating Methods					
EAS 59100	Geologic Remote Sensing	X	Beitler-Bowen	X	X	X
EAS 59100-	Geodynamics					
EAS 59100-	Geodesy and gravity					
EAS 591/ POL 520	Great Issues-Climate & Policy		Huber			
EAS 59100	Great Issues class					
EAS 59100	GPS Geodesy					
EAS 59100	Integrating Science/Nat.America	Ridgway	Ridgway	Ridgway	Ridgway	Ridgway
EAS 59100	Isotope Hydrology	X	Bowen	X	X	X
EAS 591/ w AGRY	Land Surface Modeling					
EAS 59100	Leadership & Prof. Development	Niyogi				
EAS 59100	Lithospheric Deformation					
EAS 59100-	New Prov. Tech. in Sed. Geol.					
EAS 59100-	Math. of Dispersive Processes					
EAS 591	Mesoscale Conv Proc. in Atmos	Trapp				
EAS 591/w Ary 598	Modeling Ecosystems & Biogeochem.					
EAS 591	Paleoclimate Reconstruction					
EAS 591	Physical Processes in Atmos Models					
EAS 591/w Agry xx	Prin. Terr. Ecosys. Ecology					
EAS 59100	Polar Cont. Theories					
EAS 59100	Rock Slope Stability					
EAS 59100	Soil Biogeochemistry					
EAS 591/ w STAT	Stat. Method for Atmos Sci	Gluhovsky				
EAS 59100	Tectonic Geomorphology					
EAS 59100	Trends, Extremes & Predict.					
EAS 59100	Tibetan Plateau					
EAS 59100	Topics in Geocognition					
EAS 59100	Topics in CO2 Sequestration					
EAS 59100	Topics in Climate Change					
EAS 59100	Topics Geol. Remote Sensing					
EAS 59100	(teach at Univ IL)					
EAS 59100	Writing Successful Proposals	Freed/Huber		Huber/		
EAS/AGRY XXXXX	Indian Monsoons					
EAS 61300	Adv. Topics in Geomorphology					
EAS 63000	Atmos. Remote Sensing					
EAS 63100	Cloud Physics	Lasher-Trapp				Lasher-Trapp
EAS 63200	Adv. General Circulation		Tung (Waves)			
EAS 63300	Synoptic Scale Dynamics					
EAS 63400	Numerical Modeling Atms. Sys.	Sun				

EAS 63600	Mesoscale Meteorology			Trapp		Trapp
EAS 63700	Geofluid Dyn. Rotat. Sys.					
EAS 63800	Atmos. Radiation	Harsh				
EAS 63900	Atmos. Fluid Dynamics					
EAS 64000	Petrography of Aggregates					
EAS 65000	Advanced Topics in Geophysics					
EAS 65200	Folding of Rocks					
EAS 65400	Fracturing of Rocks					
EAS 65700	Geophys. Inverse Theory	X	X	Nowack	X	X
EAS 65800	Quantitative Seismology					
EAS 68000	Contaminant HydroGeology					
EAS 69000	Seminar in Atmos. Sci.					
EAS 69100	Seminar in Earth Science					
EAS 69800 (all)	Research MS Thesis					
EAS 69900 (all)	Research PhD Thesis					

