

ATM S 2019-20 Teaching Schedule

Autumn 2019			Winter 2020			Spring 2020		
Undergraduate non-major courses								
101	Weather	Hakim	101	Weather	Mass	103	Hurricanes & Thunderstorms	Durran
111	Global Warming	Frierson	111	Global Warming	Huybers	111	Global Warming	Huybers
211	Cimate & Climate Change	Huybers	220	Exploring the ATMS	Grad	211	Climate & Climate Change	Battisti
220	Exploring the ATMS	Alexander	290	The Weather Challenge	Grad	220	Exploring the ATMS	Grad
290	The Weather Challenge	McMurdie	490	Non-Major Weather Analysis	Conrick	490	Non-Major Weather Analysis	Conrick
490	Non-Major Weather Analysis	Conrick	495	EarthGames	Frierson	495	EarthGames	Frierson
495	EarthGames	Frierson						
Undergraduate major courses								
301	Intro to Atmosphere Science	Chen	340	Intro Thermo & Cloud Proc	Wood	321	The Science of Climate	Frierson
350	Ecological Climatology	Pennypacker	370	Atmos Structure & Analysis	Hakim/TA	341	Atmos Radiative Transfer	Fu
431	Boundary-Layer Meteorology	Fu	380	Weather & Climate Prediction	Kim	358	Fundamentals of Atmos Chem	Alexander
441 (503)	Atmospheric Motions I	Kim	442 (504)	Atmospheric Motions II	Battisti/TA	493	Special Topics - Python for Atmos	Anderson-Frey
458	Air Pollution Chemistry	Jaegle	451	Instruments & Observations	Alexander/Anderson	452	Wx Forecast & Adv Syn Met	Mass/Bond
480	Air-Quality Modeling	CEE (Larson)	490	Current Weather Analysis	Conrick	490	Current Weather Analysis	Conrick
487	Fund of Climate Change	Armour						
490	Current Weather Analysis	Conrick						
Graduate required courses								
501	Fund of Phys & Chem of Atmos	Hartmann	509	Geophysical Fluid Dynamics	Ocean (Gray)	502	Intro Synoptic Meteorology	McMurdie
505	Intro Fluid Dynamics	AMATH	532	Intro to Atmospheric Radiation	Fu	535	Cloud Microphys & Dynamics	Wood
			558	Atmospheric Chemistry	Jaegle	542	Synoptic & Meso Dyn	Kim
Graduate elective courses								
503 (441)	Atmospheric Motion I	Kim	504 (442)	Atmospheric Motions II	Battisti/TA	547	Boundary Layer Meteorology	Hakim
560	Atmos/Ocean Interaction	Battisti	519	Scientific Writing	Warren/Roe	571	Advanced Physical Climatology	Hartmann
587	Fund of Climate Change	Armour	552	Objective Analysis	Hartmann	581	Num Analy of Time Dep Prob	AMATH
591*	Instrumentation Workshop (PNNL)	McMurdie	588	Global Carbon Cycle & Clim	Ocean			
			589	Paleoclimate: Data, Modeling, Theor	Steig			
			591	Climate Modeling (Atms Circ Model)	Frierson			
Graduate Seminars and Colloquium								
520	ATMS Colloquium	Jaegle	520	ATMS Colloquium	Frierson	520	ATMS Colloquium	Fu
521	Sem in Atmos & Clim Dyn	Armour	521	Sem in Atmos & Clim Dyn	Mass	521	Sem in Atmos & Clim Dyn	Bitz
523	Sem In Atmos Phys & Chem	Alexander	523	Sem In Atmos Phys & Chem	Thornton	523	Sem In Atmos Phys & Chem	Wood
Sabbatical, Buy-out & Leave								
Bretherton, Bitz, Durran Mass, Thornton, Swann Wood			Bitz, Bretherton, Swann			Bitz, Bretherton, Jaegle, Thornton, Swann		

* PNNL course will be offered AUT'20