

**ATSC - 4 Year Plan**

Legend: n/o = not offered  
Year is calendar year

	Confirmed by	2022		2023			2024			2025			2026			2027		Year is calendar year	Notes
		Fall	Spr	Sum	Fall	Spr	Sum	Fall	Spr	Sum	Fall	Spr	Sum	Fall	Spr	Sum	Legend: n/o = not offered		
		Winter Courses			Winter Courses			Winter Courses			Winter Courses			Winter Courses			Winter Courses		
ATSC 113 - Fly,Snow,Sail WxWx (hybrid online)	McCollor	McCollor (& 1% Stull)	McCollor (& 1% Stull)	McCollor (& 1% Stull)	McCollor (& 1% Stull)	McCollor (& 1% Stull)	McCollor (& 1% Stull)	McCollor (& 1% Stull)	McCollor (& 1% Stull)	McCollor (& 1% Stull)	McCollor (& 1% Stull)	McCollor (& 1% Stull)	McCollor (& 1% Stull)	McCollor (& 1% Stull)	McCollor (& 1% Stull)	McCollor (& 1% Stull)	ATSC 113 - Fly,Snow,Sail WxWx (hybrid online)		
EOSC 112 - Fluid Earth	Waterman	Crose, Orsi, Maldonado	Francois	n/o	Orsi	Waterman	n/o	Orsi	Waterman	n/o	Orsi	Waterman	n/o	(unknown)	(unknown)	n/o	EOSC 112 - Fluid Earth		
EOSC 114 - Disasters (Storm Module)	Stull	Stull	McCollor	(sessional)	(sessional)	(sessional)	(sessional)	(sessional)	(sessional)	(sessional)	(sessional)	(sessional)	(sessional)	(sessional)	(sessional)	(sessional)	EOSC 114 - Disasters (Storm Module)		
ATSC 201 - Storms	Stull	Stull	n/o	n/o	Stull	n/o	n/o	Stull	n/o	n/o	Stull	n/o	n/o	Stull	n/o	n/o	ATSC 201 - Storms		
ATSC 212 - Computer Progr.	Stull/Austin	Possibly	remove	this	course,	which	covers	Fortran,	C,	MySQL,	and perl	scripting.					ATSC 212 - Computer Progr.		
ATSC 301 - Rad. & RemoteSens	Austin	n/o	Austin	n/o	n/o	n/o	n/o	n/o	Austin	n/o	n/o	n/o	n/o	n/o	unknown	n/o	ATSC 301 - Rad. & RemoteSens		
ATSC 303 - Weather Instruments	Stull, Knox	n/o	Stull	n/o	n/o	n/o	n/o	n/o	Stull or Sessional	n/o	n/o	n/o	n/o	n/o	Stull or Sessional	n/o	ATSC 303 - Weather Instruments		
ATSC 313 - Renewable Energy Wx (hybrid online)	McCollor		McCollor (& 2% Stull)	n/o	n/o	McCollor (& 2% Stull)	n/o	McCollor (& 2% Stull)	n/o	n/o	McCollor (& 2% Stull)	n/o	n/o	McCollor (& 2% Stull)	n/o	n/o	ATSC 313 - Renewable Energy Wx (hybrid online)	Switch to Fall, to balance themany Spr course offerings.	
ATSC 404 - Dynamic Meteor.	Schoof/ White/ Allen	n/o	n/o	n/o	n/o	Schoof	n/o	n/o	n/o	n/o	n/o	Schoof/White	n/o	n/o	n/o	n/o	ATSC 404 - Dynamic Meteor.		
ATSC 405 - Cloud Phys. & Chem.	Austin	n/o	n/o	n/o	n/o	Austin	n/o	n/o	n/o	n/o	n/o	Austin	n/o	n/o	n/o	n/o	ATSC 405 - Cloud Phys. & Chem.	Austin wants to broaden to attract CJEM & ENGR studen.	
ATSC 409/EOSC 511 - Numerical Tech.	Allen/White	n/o	n/o	n/o	n/o	Allen/White	n/o	n/o	n/o	n/o	n/o	Allen/White	n/o	n/o	n/o	n/o	ATSC 409/EOSC 511 - Numerical Tech.		
ATSC 413 - Forest-fire Weather	Stull	n/o	Stull-new course develop-Stull	Stull-new course develop-Stull	Stull, Rodell	n/o	n/o	Stull	n/o	n/o	Stull	n/o	n/o	Stull	n/o	n/o	ATSC 413 - Forest-fire Weather		
ATSC 448 - Capstone course	Austin		Austin			Austin			Austin			Austin			(unknown)		ATSC 448 - Capstone course	(taught if needed by ATSC U/Gs)	
ATSC 4xx - Phys. Climate Modeling (proposed)	White/ Austin		Austin/White (as ATSC 448)						Austin/White								ATSC 4xx - Phys. Climate Modeling (proposed)		
GEOS 200 - Atmos. Environs.	Knox	Knox	n/o	n/o	Knox	n/o	n/o	Knox	n/o	n/o	Sessional	n/o	n/o				GEOS 200 - Atmos. Environs.		
GEOS 300 - Microscale Weather	Knox	n/o	Knox	n/o	n/o	Sessional	n/o	n/o	Knox	n/o	Knox	n/o	n/o				GEOS 300 - Microscale Weather		
GEOS 401 - Urban Meteor.	Knox	n/o	Stewart	n/o	n/o	Knox	n/o	n/o	Sessional	n/o	n/o	Knox	n/o				GEOS 401 - Urban Meteor.		
GEOS 402 - Air Pollution Meteor.	McKendry	n/o	n/o	n/o	n/o	n/o	n/o	n/o	n/o	n/o	n/o	n/o	n/o				GEOS 402 - Air Pollution Meteor.	Waiting for GEOG to hire replacement for McKendry.	
CHEM 302 - Atm. Environ. Chemistry	Bertram/ Borduas	n/o	Momose	n/o	n/o	Momose?	n/o	n/o	Momose?	n/o	n/o	Borduas	n/o	n/o	Borduas	n/o	CHEM 302 - Atm. Environ. Chemistry		
EOSC 340 - Global Climate Change	White, Austin	White	Austin & Orsi	n/o	White	Austin & Orsi	n/o	White	Austin & Orsi	n/o	White	Austin & Orsi	n/o				EOSC 340 - Global Climate Change		
EOSC 471 - Physical Oceanography	Allen	Allen, Pawlowicz	n/o	n/o	Allen, Pawlowicz	n/o	n/o	Allen, Pawlowicz	n/o	n/o	Allen, Pawlowicz	n/o	n/o				EOSC 471 - Physical Oceanography		
ENVR 410 - Environ. & Society	Giang	n/o	Giang	n/o	n/o	Giang	n/o	n/o	Giang	n/o	n/o	n/o	n/o				ENVR 410 - Environ. & Society	Giang is paid by MECH/ IRES.	
MECH 411 - Air Poll.,Tech & Society	Zimmerman	n/o	n/o	n/o	n/o	Zimmerman	n/o	Zimmerman	n/o	n/o	Zimmerman	n/o	n/o	Zimmerman	n/o	n/o	MECH 411 - Air Poll.,Tech & Society	Zimmerman is paid by MECH. On mat.leave 2022.	
ATSC 500 - Boundary Layer	Austin					Austin						Austin					ATSC 500 - Boundary Layer		
ATSC 506 - Numerical Methods	Allen, Schoof, White	Possibly	remove	this	course,	which	has been	replaced	by	EOSC	511						ATSC 506 - Numerical Methods	Topic is already covered by ATSC 409 / EOSC 511	
ATSC 507 - Numerical Weather Pred.	Stull		Stull						Stull						Stull		ATSC 507 - Numerical Weather Pred.		
ATSC 595D - Atm. Dispersion Model.	Stull					Stull						Stull					ATSC 595D - Atm. Dispersion Model.		
CHEM 535a - Topics: Atmos.Aerosols	Bertram		Bertram						Bertram			Bertram			Bertram		CHEM 535a - Topics: Atmos.Aerosols		
EOSC 511 (see ATSC 409)	Allen					(Allen/White) seeATSC409						(Allen/White) seeATSC409					EOSC 511 (see ATSC 409)	ATSC 409 & EOSC 511 are taught together.	
EOSC 512 - Geophys. Fluid Dyn.	Allen, Waterman	Pawlowicz			Pawlowicz			Waterman			Waterman			Pawlowicz			EOSC 512 - Geophys. Fluid Dyn.		
EOSC 582 - Satellite Remote Sensing	Austin		Austin						Austin								EOSC 582 - Satellite Remote Sensing		

(Green background = confirmed)

Allen can teach another 0.5 course.