

METEOROLOGY UPPER DIVISION MAJOR ELECTIVE COURSE LIST

The following courses are approved for use as the Meteorology/
Hydrology/Climatology Upper Division Major Elective. Please consult the
School of Meteorology for the most current list.

Code	Title	Credit Hours
METR 3440	Mentored Research Experience	3
METR 3523	Managing for a Changing Climate	3
METR 3890	Meteorology Internship (with approval from the School)	1-3
METR 4323	Weather Simulation With Computers	3
METR 4330	Information Technology Skills for Meteorology	1-3
METR 4403	Application of Meteorological Theory to Severe-Thunderstorm Forecasting	3
METR 4443	Introduction to Tropical Meteorology	3
METR 4533	Earth's Past Climate	3
METR 4543	Global Climate Change	3
METR 4553	Climate and Renewable Energy	3
METR 4603	Advanced Observations for Lower Atmospheric Research	3
METR 4633	Hydrometeorology	3
METR 4663	Radar Engineering	3
METR 4693	Environmental Sampling Methods	3
METR 4713	Private Sector Meteorology	3
METR 4743	Applications of Weather Forecasting	3
METR 4970	Special Topics/Seminar	1-3
GEOG 3443	Environment and Society	3
GEOG 3523	Managing for a Changing Climate	3
GEOG 4273	Regional Climatology	3
GEOG 4293	Hydrologic Science	3
GEOG 4343	Climate, History, and Society	3
GEOG 4513	Real-world Applications of Climate and Weather Information	3
GEOG 4943	Natural Hazards	3
GEOL 3633	Introduction to Oceanography	3
IAS 3920	Journey to Italy (Topic: Climate Change in Italy: Wine, Art, & Tourism)	1-6
IAS 3653	Energy, Climate, and Security	3
ENST 3503	Energy Use, Climate Change, and the Environment	3
CEES 3213	Water Resources Engineering	3