ATMOSPHERIC AND OCEANIC SCIENCE TECHNOLOGY, MASTER OF PROFESSIONAL STUDIES (M.P.S.)

Non-thesis only: 30 credits

Course	Title	Credits
Core Requirements		
Select two out the following three certificate programs:		24
Computational Methods in Atmospheric and Oceanic Science:		
AOSC630	Statistical Methods in Meteorology and Oceanography	
AOSC652	Analysis Methods in Atmospheric and Oceanic Science	
Select two additional courses approved by advisor		
General Atmospheric and Oceanic Science:		
AOSC431	Atmospheric Thermodynamics	
or AOSC610	Dynamics of the Atmosphere and Ocean I	
AOSC432	Dynamics of the Atmosphere and Ocean	
or AOSC611	Dynamics of the Atmosphere and Oceans II	
AOSC617	Atmospheric and Oceanic Climate	
AOSC670	Physical Oceanography	
Air Quality Science and Technology:		
AOSC600	Synoptic Meteorology I	
AOSC624		
AOSC637		
AOSC633	Atmospheric Chemistry and Climate	
Select two courses from the remaining certificate program		6
Total Credits		**30**

Master of Professional Studies (MPAO) The Master of Professional Studies in Atmospheric and Oceanic Science is designed for meteorologists, oceanographers and environmental scientists who need cutting-edge skills and knowledge in atmospheric and oceanic science, in the computational methods used in our field, and in air quality science. The Director of Professional Studies will advise students in planning his or her course of study, and will provide career advice and The degree is earned by successful completion of ten 3-credit courses. Students must complete two out of the following three Certificate programs, each of which consists of four courses, plus two courses from the remaining Certificate Program. The MPAO program is designed with the needs of working professionals in mind, and can be completed on a part-time basis over no more than 5 years, or on a full-time basis in 1 year and one semester.