

**CALIFORNIA UNIVERSITY
OF PENNSYLVANIA**

Program: Master of Education: Educational Studies: Weather and Climatology

Start: Spring (January) Start

Total Credits: 30

Year 1

	Credits
Spring	
* EAS 511 DataStreme Atmospheric Studies	
OR EAS 512 DataStreme Ocean Studies	
OR EAS 513 DataStreme Climate Studies	3
EAS 720 Sustainability in Changing Climate	3
MSE 761 Assessment	3
ADP 673 Field Project: Research & Evaluation	3
Summer	
MSE 750 Online Technologies in Education	3
ADP 664 Field Project: Leadership	3
Fall	
* EAS 511 DataStreme Atmospheric Studies	
OR EAS 512 DataStreme Ocean Studies	
OR EAS 513 DataStreme Climate Studies	3
EAS 710 Water in Earth Systems	3
EAS 730 Environmental Hazards in Changing Climate	3
** MSE 745 Managing Learning Environments	3
** MSE 766 Instructional Design	3
Winter	
MSE 740 Advanced Instructional Technology	3
** MSE 771 Strategies for Inclusive Classrooms Grades 7-12 (for PA teachers)	3
Total Credits (Year 1)	24

Year 2

Spring	
** MSE 720 Advanced Standards-aligned Instruction 7-12 (for PA teachers)	3
MSE 755 Constructivist Instructional Strategies	3
Total Credits (Year 2)	6
Total Credits	30

*** PROGRAM NOTES:**

EAS 511, EAS 512, and EAS 513 may not be taken together in the same semester.

Choose 9 credits (3 courses) with MSE prefix

Choose 15 credits (5 courses) with EAS prefix

**** Optional Educational Studies Courses: (Can Fulfill Cognate)**

MSE 720 Advanced Standards-aligned Instruction 7-12 (for PA teachers) (3 credits)

MSE 745 Managing Learning Environments (3 credits)

MSE 766 Instructional Design (3 credits)

MSE 771 Strategies for Inclusive Classrooms Grades 7-12 (for PA teachers) (3 credits)