

Catalog of Postgraduate Programs and Curricula

Curriculum for MPhil(AES) (For students admitted in 2010-11)

Program Requirements for Master of Philosophy (MPhil) Program in Atmospheric Environmental Science

Credits

To take **at least 9 credits** of coursework, including:

Courses

1. Core Courses (6 credits):

ENVR	605	<i>Introduction to Oceanography; and</i>
MATH	560	<i>Weather, Climate and Pollution</i>

2. Elective Courses (3 credits):

CHEM	541	<i>Atmospheric Chemistry</i>
ENVR	602	<i>Special Topics in Atmospheric Environmental Science</i>
ENVR	608	<i>Dynamics of Marine Ecosystems</i>
EVSM	607	<i>Environmental Impact Assessment</i>
MATH	535	<i>Computational Fluid Dynamics for Inviscid Flows</i>
MATH	546*	<i>Time Series Analysis</i>
MATH	551	<i>Mathematical Methods in Science and Engineering I</i>
MATH	685O	<i>Topics in Applied Mathematics: Numerical Ocean Circulation Modeling</i>
MECH	521	<i>Fluid Dynamics</i>
MECH	526	<i>Air Pollution Meteorology</i>

* This course may be replaced by ISOM 553 Multivariate Data Analysis.

Subject to approval of the supervisors and the PG Coordinator, students are allowed to take a maximum of 4 credits outside of the curriculum.

Postgraduate Seminar

To register in ENVS 6011 *Postgraduate Seminar* whenever it is offered. Credits earned from ENVS 6011 cannot be counted toward the credit requirements.

Research and MPhil Thesis Examination

1. To conduct research and enroll in ENVS 6990 *MPhil Thesis Research*; and
2. To defend the MPhil thesis successfully.