

## Atmospheric & Ocean Sciences Suggested Four Year Schedule

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First Year	Second Year
<p><u>Fall Semester:</u>            CHEM 1211K: Chemical Principles I or CHEM 1310 (4)            EAS 1600: Intro. Environmental Science (4)            ENGL 1101: English Composition 1 (3)            GT 1000: EAS - Intro to Tech (1)            MATH 1551: Differential Calculus (2)  <b>Total Semester Hours = 14</b></p> <p><u>Spring Semester:</u>            CHEM 1212K: Chemical Principles 2<sup>1</sup> (4) or EAS Technical Elective (3)            ENGL 1102: English Composition 2 (3)            Free Electives (3)            HIST 2111 or equivalent (3)            MATH 1552: Integral Calculus (4)  <b>Total Semester Hours = 17 or 16</b></p>	<p><u>Fall Semester:</u>            CS 1301 or 1371 (3)            EAS 2750: Physics of the Weather (3)            Free Elective (3)            MATH 1553: Intro to Linear Algebra (2)            PHYS 2211: Physics I (4)  <b>Total Semester Hours = 15</b></p> <p><u>Spring Semester:</u>            EAS 2551: Intro. Meteorological Analysis (1)            EAS 2655: Quantitative Methods (3)            Free Elective (3)            MATH 2551: Multivariable Calculus (4)            PHYS 2212: Physics II (4)<sup>1</sup> or EAS Technical Elective (3)  <b>Total Semester Hours = 15 or 14</b></p>
Third Year	Fourth Year
<p><u>Fall Semester:</u>            EAS 3603: Thermodynamics of Earth Systems (3)            EAS 4655/4656: Atmospheric Dynamics &amp; Practicum (4)            Free Elective (3)            Humanities Elective (3)            MATH 2552: Differential Equations (4)  <b>Total Semester Hours = 17</b></p> <p><u>Spring Semester:</u>            EAS 4***: Methods Course (4)<sup>3</sup> or EAS Technical Elective (3)            EAS Technical Elective (3)            Social Science Elective (3)            Humanities Elective (3)            Upper Division Elective (3)  <b>Total Semester Hours = 16 or 15</b></p>	<p><u>Fall Semester:</u>            EAS 4610: Earth System Modeling<sup>2</sup> (3)            EAS Breadth Requirement (3)<sup>4</sup> or EAS Technical Elective (3)            EAS Technical Elective (3)            Social Science Elective (3)            Upper Division Elective (3)  <b>Total Semester Hours = 15</b></p> <p><u>Spring Semester:</u>            APPH 1040 or 1050 or 1060 (2)            EAS 4***: Methods Course (4)<sup>3</sup> or EAS Technical Elective (3)            EAS 4801: Career Development (1)            EAS Breadth Requirement (3)<sup>4</sup> or EAS Technical Elective (3)            Social Science Elective (3)            Upper Division Elective (3)  <b>Total Semester Hours = 16 or 15</b></p>

**\* This schedule assumes that a student is not coming to Tech with any credits\***

1. Taking CHEM 1212K or PHYS 2212 depends on students focus and should be discussed with advisor.
2. Your capstone requirements will be adjusted if you are completing the Research Option. Please set up an advising appointment to discuss.
3. Environmental Field methods is offered in odd springs and Geophysical field methods in even springs.
4. Can be EAS 4740, EAS 4670, EAS 4740, or EAS 4305