

**Course of Study for Atmospheric Science  
(For Students entering Fall 2009)**

<b>Freshman Year/Fall Semester</b>		<b>Cr.</b>	<b>Freshman Year/Spring Semester</b>		<b>Cr.</b>
___42.101	(Gen. Ed.) College Writing I	3	___42.102	(Gen. Ed.) College Writing II	3
___84.121	Chemistry I	3	___85.141	Weather and Climate	3
___84.123	Chemistry I Lab	1	___85.145	Wea. & Clim. Major Lab	1
___87.101	Environmental Science Seminar	1	___92.132	Calculus II	4
___92.131	Calculus I	4	___84.122	Chemistry II	3
___85.102	Weather Forecasting Seminar	<u>1</u>	___84.124	Chemistry Lab II	<u>1</u>
		<b>13</b>			<b>15</b>

<b>Sophomore Year/Fall Semester</b>		<b>Cr.</b>	<b>Sophomore Year/Spring Semester</b>		<b>Cr.</b>
___87.201	Earth and Env. Systems I	3	___87.202	Earth and Env. Systems II	3
___87.203	Earth and Env. Systems Lab I	1	___87.204	Earth and Env. Systems Lab II	1
___95.103	Gen. Physics I	3	___92.234	Differential Equations	3
___96.103	Gen Physics Lab I	1	___95.104	General Physics II	3
___85.234	FORTRAN Programming	3	___95.104	Gen. Physics Lab II	1
___85.213	Atmospheric Science Lab	1	___92.386	Statistics for Sci & Eng	3
___92.231	Calculus III	<u>4</u>	___85.214	Meteorological Analysis Lab	<u>1</u>
		<b>16</b>			<b>15</b>

<b>Junior Year/Fall Semester</b>		<b>Cr.</b>	<b>Junior Year/Spring Semester</b>		<b>Cr.</b>
___85.304	Methods in Meteorology I	3	___85.305	Methods in Meteorology II	3
___89.315	Environmental Geochemistry	3	___85.301	Atmospheric Dynamics	3
___ . . .	Atmospheric Science Elective	3	___85. . .	Atmospheric Science Elective	3
___ . . .	(Gen. Ed) SS	3	___ . . .	(Gen. Ed.) AH	3
___ . . .	(Gen. Ed) AH	<u>3</u>	___ . . .	(Gen. Ed.) SS	<u>3</u>
		<b>16</b>			<b>15</b>

<b>Senior Year/Fall Semester</b>		<b>Cr.</b>	<b>Senior Year/Spring Semester</b>		<b>Cr.</b>
___85.308	Forecasting & Synoptic Tech I	3	___85.309	Forecasting & Synoptic Tech II	3
___85.403	Physical Meteorology	3	___85.416	Adv. Atmospheric Dynamics II	3
___85.415	Adv. Atmospheric Dynamics I	3	___85.484	Space Weather	3
___ . . .	Atmospheric Science Elective	3	___85.471/571	Air Pollution Phenomenology	3
___ . . .	(Gen.Ed.) AH	<u>3</u>	___ . . .	(Gen. Ed.) SS	<u>3</u>
		<b>15</b>			<b>15</b>

**Minimum Total Credits = 120**

**\* Consult the *Schedule of Classes* booklet regarding General Education (Gen. Ed.) requirements. The General Education Electives may be taken in any order. The department will determine how you will meet the Diversity (D) and Ethics (E) General Education requirements. These courses may be taken in any sequence.**