

# Sample Four-Year Program in Atmospheric Sciences

2015–16 Catalog

Sample Program for the Climatology Concentration				Sample Program for the Weather Forecasting Concentration			
Freshman, Fall	CH	Freshman, Spring	CH	Freshman, Fall	CH	Freshman, Spring	CH
ATMS 103 (Sci. Persp.)	3	ATMS 241	1	ATMS 103 (Sci. Persp.)	3	ATMS 241	1
LANG 120	4	CHEM 132	3	LANG 120	4	CHEM 132	3
MATH 191 (Quant. Persp.)	4	MATH 192	4	MATH 191 (Quant. Persp.)	4	MATH 192	4
LA 178 (ATMS 178)	3	HUM 124	4	LA 178 (ATMS 178)	3	HUM 124	4
		Foreign Language I	3			Foreign Language I	3
<b>TOTAL</b>	<b>14</b>	<b>TOTAL</b>	<b>15</b>	<b>TOTAL</b>	<b>14</b>	<b>TOTAL</b>	<b>15</b>
Sophomore, Fall	CH	Sophomore, Spring	CH	Sophomore, Fall	CH	Sophomore, Spring	CH
ATMS 205	1	ATMS 251	1	ATMS 205	1	ATMS 251	1
MATH 291	4	ATMS 261	1	MATH 291	4	ATMS 261	1
PHYS 221 (Lab Sci.)	4	Elective or Social Sci.	3	PHYS 221 (Lab Sci.)	4	ATMS 350	3
HUM 214	4	MATH 394	3	HUM 214	4	MATH 394	3
Foreign Language II	3	PHYS 222	4	Foreign Language II	3	PHYS 222	4
		Elective	3			Elective	3
<b>TOTAL</b>	<b>16</b>	<b>TOTAL</b>	<b>15</b>	<b>TOTAL</b>	<b>16</b>	<b>TOTAL</b>	<b>15</b>
Junior, Fall	CH	Junior, Spring	CH	Junior, Fall	CH	Junior, Spring	CH
ATMS 305	3	ATMS 310	3	ATMS 305	3	ATMS 310	3
ATMS 320	3	ATMS 230 or CSCI 181	3	ATMS 320	3	ATMS 230 or CSCI 181	3
ATMS 464 (Writing/Info. Lit.)	3	HUM 324	4	ATMS 464 (Writing/Info. Lit.)	3	HUM 324	4
Diversity Intensive*	3	Elective	3	Diversity Intensive*	3	Elective	3
ATMS 223	3	Elective	3	ATMS Elective**	3	Elective or Social Sci.	3
<b>TOTAL</b>	<b>15</b>	<b>TOTAL</b>	<b>16</b>	<b>TOTAL</b>	<b>15</b>	<b>TOTAL</b>	<b>16</b>
Senior, Fall	CH	Senior, Spring	CH	Senior, Fall	CH	Senior, Spring	CH
ATMS 410	3	ATMS 411	3	ATMS 410	3	ATMS 411	3
ATMS Elective	3	ATMS 405	3	ATMS Elective	3	ATMS 455	3
Arts and Ideas	3	ATMS 420	3	Arts and Ideas	3	ATMS Elective**	3
Elective or Social Sci.	3	ATMS 455	3	Elective or Social Sci.	3	Elective	3
HUM 414 or LA 478	4	Elective	3	HUM 414 or LA 478	4	Elective	3
<b>TOTAL</b>	<b>16</b>	<b>TOTAL</b>	<b>15</b>	<b>TOTAL</b>	<b>16</b>	<b>TOTAL</b>	<b>15</b>
		<b>CUMULATIVE TOTAL</b>	<b>122</b>			<b>CUMULATIVE TOTAL</b>	<b>122</b>

\*Consult the list of approved courses to satisfy the social science, arts and ideas, and diversity intensive liberal arts core requirements. Many students choose either ATMS 273 (Diverse Climates in a Diverse World) or ENVR 324 to satisfy the diversity intensive requirement.

\*\*Students in the weather forecasting concentration must choose two of the following courses: ATMS 223, ATMS 355, ATMS 405, or ENVR 338.

**NOTE:**

- One of the electives can be a 1-hour or a 2-hour course. Thus, the total hours to degree could vary from 120–122.

## Sample Four-Year Program in Atmospheric Sciences

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<b>Sample Program for the Broadcast Concentration</b>			
<b>Freshman, Fall</b>	<b>CH</b>	<b>Freshman, Spring</b>	<b>CH</b>
ATMS 103 (Sci. Persp.)	3	ATMS 241	1
LANG 120	4	CHEM 132	3
MATH 191 (Quant. Persp.)	4	MATH 192	4
LA 178 (ATMS 178)	3	HUM 124	4
		Foreign Language I	3
<b>TOTAL</b>	<b>14</b>	<b>TOTAL</b>	<b>15</b>
<b>Sophomore, Fall</b>	<b>CH</b>	<b>Sophomore, Spring</b>	<b>CH</b>
ATMS 205	1	ATMS 251	1
MATH 291	4	ATMS 261	1
PHYS 221 (Lab Sci.)	4	ATMS 350	3
HUM 214	4	VMP 205	3
Foreign Language II	3	PHYS 222	4
		Elective	3
<b>TOTAL</b>	<b>16</b>	<b>TOTAL</b>	<b>15</b>
<b>Junior, Fall</b>	<b>CH</b>	<b>Junior, Spring</b>	<b>CH</b>
ATMS 305	3	ATMS 310	3
ATMS 320	3	ATMS 230 or CSCI 181	3
ATMS 464 (Writing/Info. Lit.)	3	HUM 324	4
DRAM 213	3	MCOM 201	3
ATMS 328	3	Elective	3
<b>TOTAL</b>	<b>15</b>	<b>TOTAL</b>	<b>16</b>
<b>Senior, Fall</b>	<b>CH</b>	<b>Senior, Spring</b>	<b>CH</b>
ATMS 410	3	ATMS 411	3
ATMS Elective	3	ATMS 455	3
Arts and Ideas	3	Diversity Intensive*	3
Elective or Social Sci.	3	Elective	3
HUM 414 or LA 478	4	Elective	3
<b>TOTAL</b>	<b>16</b>	<b>TOTAL</b>	<b>15</b>
		<b>CUMULATIVE TOTAL</b>	<b>122</b>

\*Consult the list of approved courses to satisfy the social science, arts and ideas, and diversity intensive liberal arts core requirements. Many students choose either ATMS 273 (Diverse Climates in a Diverse World) or ENVR 324 to satisfy the diversity intensive requirement.

**NOTE:**

- One of the electives can be a 1-hour or a 2-hour course. Thus, the total hours to degree could vary from 120–122.