

# Sample Four-Year Program in Atmospheric Sciences

2022–23 Catalog

Sample Program for the Climatology Concentration				Sample Program for the Weather Forecasting Concentration			
<b>Freshman, Fall</b>	<b>CH</b>	<b>Freshman, Spring</b>	<b>CH</b>	<b>Freshman, Fall</b>	<b>CH</b>	<b>Freshman, Spring</b>	<b>CH</b>
ATMS 103 (Sci. Persp.)	3	CHEM 132	3	ATMS 103 (Sci. Persp.)	3	CHEM 132	3
LANG 120	4	MATH 192	4	LANG 120	4	MATH 192	4
MATH 191 (Quant. Persp.)	4	HUM 124	4	MATH 191 (Quant. Persp.)	4	HUM 124	4
FYS 178	3	Foreign Language I	4	FYS 178	3	Foreign Language I	4
<b>TOTAL</b>	<b>14</b>	<b>TOTAL</b>	<b>15</b>	<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>	<b>Sophomore, Fall</b>	<b>CH</b>	<b>Sophomore, Spring</b>	<b>CH</b>
ATMS 203	2	ATMS 204	2	ATMS 203	2	ATMS 204	2
MATH 291	4	Elective or Social Sci.	3	MATH 291	4	ATMS 350	3
PHYS 221 (Lab Sci.)	4	MATH 394	3	PHYS 221 (Lab Sci.)	4	MATH 394	3
HUM 214	4	PHYS 222	4	HUM 214	4	PHYS 222	4
Foreign Language II	4	Elective	3	Foreign Language II	4	Elective	3
<b>TOTAL</b>	<b>18</b>	<b>TOTAL</b>	<b>15</b>	<b>TOTAL</b>	<b>18</b>	<b>TOTAL</b>	<b>15</b>
<b>Junior, Fall</b>	<b>CH</b>	<b>Junior, Spring</b>	<b>CH</b>	<b>Junior, Fall</b>	<b>CH</b>	<b>Junior, Spring</b>	<b>CH</b>
ATMS 305	3	ATMS 310	3	ATMS 305	3	ATMS 310	3
ATMS 320	3	ATMS 230 or CSCI 183	3	ATMS 320	3	ATMS 230 or CSCI 183	3
ATMS 464	3	ATMS 405	3	ATMS 464	3	LA 378 (DI-R) <sup>†</sup>	4
ATMS 223	3	LA 378 (DI-R) <sup>†</sup>	4	ATMS Wx Fcst Elective**	3	Elective or Social Sci.	3
Diversity Intensive*	3			Diversity Intensive*	3		
<b>TOTAL</b>	<b>15</b>	<b>TOTAL</b>	<b>13</b>	<b>TOTAL</b>	<b>15</b>	<b>TOTAL</b>	<b>13</b>
<b>Senior, Fall</b>	<b>CH</b>	<b>Senior, Spring</b>	<b>CH</b>	<b>Senior, Fall</b>	<b>CH</b>	<b>Senior, Spring</b>	<b>CH</b>
ATMS 410	3	ATMS 411	3	ATMS 410	3	ATMS 411	3
ATMS Elective	3	ATMS 420	3	ATMS Elective	3	ATMS 455	3
Arts and Ideas	3	ATMS 455	3	Arts and Ideas	3	ATMS Wx Fcst Elective**	3
Elective or Social Sci.	3	Elective	3	Elective or Social Sci.	3	Elective	3
HUM 414 or LA 478	4	Elective	2	HUM 414 or LA 478	4	Elective	2
<b>TOTAL</b>	<b>16</b>	<b>TOTAL</b>	<b>14</b>	<b>TOTAL</b>	<b>16</b>	<b>TOTAL</b>	<b>14</b>
		<b>CUMULATIVE TOTAL</b>	<b>120</b>			<b>CUMULATIVE TOTAL</b>	<b>120</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 ENVR 324 or a designated course with an ATMS prefix 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.

<sup>†</sup>Either HUM 324 or LA 378 may serve as the third course in the Humanities Program sequence, but only LA 378 also satisfies the DI-R requirement. Students who choose to take HUM 324 must also complete another DI-R course in place of an elective.

NOTE: One of the electives can be a 2-hour or a 3-hour course. Thus, the total hours to degree could vary from 120 to 121.

# Sample Four-Year Program in Atmospheric Sciences

2022–23 Catalog

Sample Program for the Broadcast Concentration			
<b>Freshman, Fall</b>	<b>CH</b>	<b>Freshman, Spring</b>	<b>CH</b>
ATMS 103 (Sci. Persp.)	3	Foreign Language I	4
LANG 120	4	CHEM 132	3
MATH 191 (Quant. Persp.)	4	MATH 192	4
FYS 178	3	HUM 124	4
<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 203	2	ATMS 204	2
MATH 291	4	ATMS 350	3
PHYS 221 (Lab Sci.)	4	VMP 205	4
HUM 214	4	PHYS 222	4
Foreign Language II	4	ATMS 328	3
<b>TOTAL</b>	<b>18</b>	<b>TOTAL</b>	<b>16</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 183	3
ATMS 464	3	LA 378 (DI-R) <sup>†</sup>	4
DRAM 213	3	Elective or Social Sci.	3
MCOM 201	4		
<b>TOTAL</b>	<b>16</b>	<b>TOTAL</b>	<b>13</b>
<b>Senior, Fall</b>	<b>CH</b>	<b>Senior, Spring</b>	<b>CH</b>
ATMS 410	3	ATMS 411	3
Diversity Intensive*	3	ATMS 455	3
Arts and Ideas	3	ATMS Elective	3
Elective or Social Sci.	3	Elective	3
HUM 414 or LA 478	4		
<b>TOTAL</b>	<b>16</b>	<b>TOTAL</b>	<b>12</b>
		<b>CUMULATIVE TOTAL</b>	<b>120</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 ENVR 324 or a designated course with an ATMS prefix to satisfy the diversity intensive requirement.

<sup>†</sup>Either HUM 324 or LA 378 may serve as the third course in the Humanities Program sequence, but only LA 378 also satisfies the DI-R requirement. Students who choose to take HUM 324 must also complete another DI-R course in place of an elective.