

# UNDERGRADUATE PROGRAM IN METEOROLOGY

## FRESHMAN YEAR

First Semester	(TH-PR)	CR	Second Semester	(Th-PR)	CR
ATMO 201 Atmospheric Sciences	(3-0)	3	CHEM 102 Fund. of Chemistry II	(3-0)	3
ATMO 203 Weather Forecasting Lab	(0-2)	1	CHEM 112 Fund. of Chemistry Lab I	(0-3)	1
CHEM 101 Fund. of Chemistry I	(3-0)	3	MATH 172 Calculus <sup>1</sup>	(4-0)	4
CHEM 111 Fund. of Cehmistry I Lab	(0-3)	1	PHYS 218 Mechanics	(3-3)	4
ENGL 104 Composition and Rhetoric	(3-0)	3	U.S. History or Political Science elective <sup>2</sup>		<u>3</u>
MATH 171 Analytic Geom. & Calc.	(4-0)	<u>4</u>			15
		15			

## SOPHOMORE YEAR

First Semester	(TH-PR)	CR	Second Semester	(TH-PR)	CR
ATMO 251 Weather Obs. & Analysis	(2-2)	3	ATMO 335 Atmospheric Thermodynamics	(3-0)	3
ATMO 363 Atmospheric Chemistry	(3-0)	3	MATH 308 Differential Equations <sup>1</sup>	(3-0)	3
MATH 251 Engineering Math III <sup>1</sup>	(3-0)	3	U.S. History or Political Science elective <sup>2</sup>		3
PHYS 208 Electricity and Optics	(3-3)	4	Computer Science elective <sup>3</sup>		3
U.S. History or Political Science elective <sup>2</sup>		<u>3</u>	KINE 198 Health and Fitness Activity <sup>2</sup>	(0-2)	1
		16			13

## JUNIOR YEAR

First Semester	(TH-PR)	CR	Second Semester	(TH-PR)	CR
ATMO 324 Physical and Regional Climatology	(2-2)	3	ATMO 336 Atmospheric Dynamics	(3-2)	4
MATH 311 Topics in Applied Math I	(3-0)	3	Atmospheric sciences or technical elective <sup>5</sup>		3
STAT 211 Principles of Statistics I	(3-0)	3	Communications elective <sup>2</sup>		3
Life Sciences elective <sup>4</sup>		3	U.S. History or Political Science elective <sup>2</sup>		3
General elective <sup>7</sup>		3	Humanities elective <sup>2</sup>		<u>3</u>
KINE 199 Required Physical Activity <sup>2</sup>	(0-2)	<u>1</u>			16
		16			

## SENIOR YEAR

First Semester	(TH-PR)	CR	Second Semester	(TH-PR)	CR
ATMO 446 Physical Metoerology	(3-0)	3	Atmospheric sciences or technical electives <sup>5</sup>		12
ATMO Inst/Remote Sensing elective <sup>6</sup>		2	General elective <sup>7</sup>		<u>3</u>
General elective <sup>7</sup>		3			15
Visual and performing arts elective <sup>2</sup>		3			
Social and behavioral science elective <sup>2</sup>		<u>3</u>			
		14			

TOTAL HOURS 120

Notes:

1. A grade of C or better is required in MATH 171, 172, 251, or 308 (or equivalent).
2. Course work to be selected from the University Core Curriculum.
3. ATMO 321 recommended; CPSC 203, 206 also acceptable.
4. Select from AGRO 301; BESC 201; BIOL 101, 107, 111; FRSC 302.
5. Select in consultation with faculty academic advisor.
6. Select from ATMO 441 or ATMO 489 Radar Meteorology.
7. General electives MAY NOT include BUAD 100; CAEN 001-499; CAEX 001-499; DEVS 001-499; ENGL 100, 103; KINE 198-199; LBAR 201; MATH 102-103, 131, 141-142; 150-152, 166, 171-172; 251, 253, 221; PHYS 101, 201-202, 208, 218-219; AERS 100-499; MLSC 100-499; NVSC 100-499; SOMS 100-499.