

Atmospheric Science – B.S. Degree

2023-2024

Name/Emplid: _____ EMAIL: _____

Essential Studies: Communication (9 credits)

			Enrolled/Completed
English 110	Composition 1	3	
English 130	College Composition II: Writing for Public Audiences	3	
Oral Requirement Course		3	

Essential Studies: Social Science (9 credits minimum-must be taken in a minimum of 2 departments)

			Enrolled/Completed
		3	
		3	
		3	

Essential Studies: Arts and Humanities (9 credits minimum-must be taken in a minimum of 2 departments)

			Enrolled/Completed
Note: one 3 credit course must meet the Fine Arts requirement #		3	
AND one 3 credit course must meet the Humanities requirement		3	
One 3 credit course must meet Fine Arts or Humanities		3	

NOTE: In either the Social Science or Arts and Humanities area, one three credit course must meet the Analyzing Worldview course requirement (W), and one three credit course must meet the Diversity in Human Experience course requirement (D).

NOTE: Math, Science and Technology credits will be dispersed in the major required courses.

Atmospheric (ATSC) Required Course work (Required Grade of “C” or better (+))

			Enrolled/Completed
AtSc 100	Atmospheric science orientation	1	
AtSc 110/110L (+)	Meteorology I (Q & L)	4	
AtSc 210 (+)	Intro to synoptic meteorology	4	
AtSc 240 (+)	Meteorological instrumentation	4	
AtSc 270 (+)	Computer Concepts in Meteorology	3	
AtSc 345 (+)	Remote Sensing of the Atmos.	3	
AtSc 350 (+)	Atmospheric Thermodynamics	3	
AtSc 353 (+)	Physical meteorology	3	
AtSc 360 (+)	Dynamic meteorology	4	
AtSc 405 (+)	Numerical methods in meteorology	3	
AtSc 411 (+)	Synoptic meteorology	4	
AtSc 460 (+)	Mesoscale Dynamics	4	
AtSc 492/493	Senior Project Advance Communication/Capstone	3	F () SP ()

A total of 12 credit hours of additional **Career Electives** are required from a list of approved courses. A maximum combined total of 6 credits from ATSC 397 & 497 may be applied toward these electives.

Enrolled/Completed

Courses from the following departments

Enrolled/Completed

CSci 160	Computer Science I	4	
Math 165	Calc I	4	
Math 166	Calc II	4	
Math 265	Calc III	4	
Math 266	Elementary differential equations	3	
Math 321 OR Econ 210	Applied statistical method OR Intro to business & economics statistics	3	

Additional requirements

Enrolled/Completed

(Q & L) Chem 121/121L	Gen Chemistry 1/Lab	4	
(Q & L) Phys 251/251L	University Physics I	4	
Phys 252/252L	University Physics II	4	

Electives (to reach 120 credits required to graduate)

Enrolled/Completed

Other Graduation Requirements: Analyzing Worldview Course (W): _____; Diversity in Human

Experience (D): _____; Advance Communication (A): _____; Capstone (C); _____; Qualitative (Q): _____

Essential Studies Credits– 39; Credits at UND: 30

GPA: Cumulative _____ Institutional _____ REQUIRED: 2.50 (Institutional/Cumulative)

Completed by: _____ Date: _____

X = ENROLLED ✓ = COMPLETED