


BAS in Applied Science – Meteorology Plan File (PPF)
Category I

 Degree Requirement	Required Semester Credits	CCAF Transfer Credits	Course Credits to take at Institution
Core/Area of Focus	42	0	42
ATMO 336 (Weather, Climate & Society)	3		3
ATMO 423 (Hydrology)	3		3
ATMO 490 (Remote Sensing) or ATMO 455	3		3
ATMO 430 (Computational Methods)	3		3
ATMO 436A (Fund. in Atmo. Sciences)	3		3
ATMO 441A (Dynamic Meteorology I)	3		3
ATMO 489 (Atmospheric Electricity) or ATMO 441B (Dynamic Meteorology II)	3		3
ENGL 307 (Bus) or ENGL 308 (Technical)	3		3
ENGV/ENGL 306 – Advanced Composition (Critical Thinking Requirement) OR ENGV 380 GPSV 301 HSTV 301 INFV320 PSYV489	3		3
MATH 129 – Calculus 2	3		3
Math 223 – (Vector Calculus) Calculus 3	3		3
BASV 314 – Mathematics for Applied Sciences	3		3
PHYS 141(Intro Physics 1 Mechanics w/ calculus + lab)	4		3
PHYS 142 (Thermo/Optics w/ calculus + lab) or PHYS 143 (Thermo/Optics w/ calculus)) -OR- PHYS 240 (Electricity and Magnetism w/ calculus + lab) PHYS 241 (Electricity and Magnetism w/ calculus)	3 (PHYS 142 or PHYS 240) –OR- 2 (PHYS 143 or PHYS 241)		3
General Education	27	15	18
ENGL 101	3	3	
ENGL 102 ^{1, 4}	3		3
Calculus I (Math 122b, or 124, or 125)	3	3	
Tier II Individuals and Societies (300/400 level)	3		3
Tier II Individuals and Societies ¹ (300/400 level)	3		3
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Tier II Humanities or Arts (300/400 level)	3		3
Tier II Humanities or Arts (Speech Comm)	3	3	
Electives	51	45	
Total Credits Required Bachelor of Applied Science Degree²	120	60	60

¹Students may take these courses from any regionally accredited institution for transfer to UA. While courses may vary in terms of units offered, a minimum of 3 units for each course must be completed. This table assumes 3 units per course.

²This table is based on a typical 60 unit transfer from CCAF. However, students may apply an additional 15 units of CCAF (or Arizona community college) credit to their BAS degree.

³Typically, The University of Arizona requires second language proficiency at the second semester level to graduate with a BAS degree. However, the Meteorology Degree has received a special Waiver to not require the 2nd Language.

⁴The University of Arizona requires ENGL 102 for BAS degrees, but this requirement can be met with a writing portfolio for transfer students, which would require no additional coursework be taken.