

Atmospheric Science Major

Advisor Checklist

Name: _____
 Student ID#: _____

Minor: _____
 Date of Entry to Major: _____

UCD AND COLLEGE REQUIREMENTS (3-11 UNITS)

BACKGROUND

Subject A _____

American History/Inst. _____

May be satisfied by:

- 1 year High School US History/Government
- AP exam for American History/Government
- One of these courses:
 - AAS 10, 100, 120, 121
 - ASA 1, 2
 - ECN 111A, 111B
 - HIS 17A, 17B, 17C, 72A, 72B, 72C, 170A, 170B, 170C, 171A, 171B, 174A, 174B, 175A, 175B, 175C, 176A, 176B, 177A, 177B, 179, 180A, 180B, 183A, 183B
 - NAS 1, 10, 55, 116, 130A, 130B, 130C
 - POL 1, 5, 100, 101, 102, 103, 104, 105, 106, 108, 109, 130, 131, 160, 163
- Equivalent transfer credit

ENGLISH COMPOSITION (3-11)

English Composition Requirement* _____

May be satisfied by:

- English Composition Examination (offered each quarter)
- One course emphasizing written expression and one course emphasizing oral expression
 - Written: ENL 3; UWP 1, 18, 19, 101, 102A, 102B, 102C, 102D, 102E, 102F, 102G, 104A, 104B, 104C, 104D, 104E, 104F
 - Oral: one additional course from the list above or CMN 1, COM 1, 2, 3, 4, NAS 5

Major Written Expression Requirement

Take one of the following courses:

- UWP 19 (I II, 4 units)
- UWP 104E (I II III, 4 units)
- Dramatic Arts 10 (I II III, 3 units)
- Communication 1 (I II III, 4 units)

*note-Subject A must be satisfied before any writing course can count towards the General Education requirement

GENERAL EDUCATION (28 UNITS)

3 Arts and Humanities Courses

3 Social Sciences Courses

3 Writing Courses

Diversity Course: _____

After satisfaction of above university requirement, additional units in social sciences or humanities courses to total 28 units.

IGETC _____

(GE completed at Community College)

Total Units Completed _____

Total Upper Division _____

Total Units Outstanding _____

UNRESTRICTED ELECTIVES (31-39 UNITS)

Total Units Completed _____

Total Upper Division _____

Total Units Outstanding _____

PREPARATORY SUBJECT MATTER (59-62 UNITS)

Mathematics (22)	<u>Completed</u>	<u>Outstanding</u>	Physics (12-15)	<u>Completed</u>	<u>Outstanding</u>
MAT 21A (I II III, 4 units)	_____	_____	PHY 9A (III, 5 units)	_____	_____
MAT 21B (I II III, 4 units)	_____	_____	PHY 9B (I, 5 units)	_____	_____
MAT 21C (I II III, 4 units)	_____	_____	PHY 9C (II, 5 units)	_____	_____
MAT 21D (I II III, 4 units)	_____	_____			
MAT 22A (I II III, 3 units)	_____	_____	Biological Sciences (4-5)		
MAT 22B (I II III, 3 units)	_____	_____	BIS 1C or PLS 2 (I II III, 4-5 units)	_____	_____
Chemistry (10)			Computer Science (4)		
CHE 2A (I II, 5 units)	_____	_____	ECS 30 (I II III, 4 units)	_____	_____
CHE 2B (II III, 5 units)	_____	_____	(or course approved by Master Adviser)		
Meteorology (4)			Statistics (4)		
ATM 60 (I, 4 units)	_____	_____	STA 13 (I II III, 4 units)	_____	_____

Total Units Completed _____ **Total Upper Division** _____ **Total Units Outstanding** _____

DEPTH SUBJECT MATTER (36 UNITS)

<u>Subject Area & Units</u>	<u>Classes</u>	<u>Recommended Year</u>	<u>Completed</u>
Atmospheric Science (28)	ATM 110 – Weather Observation & Analysis (III, 4) <i>[Prereq: ATM 60]</i>	Sp 3 rd yr	_____
	ATM 111 – Weather Analysis & Prediction (II, 3) <i>[Prereq: ATM 110, 121B, 111L concurrently]</i>	Wtr 4 th yr	_____
	ATM 111L – Weather Prediction Lab (II, 2) <i>[Prereq: ATM 110, 121B, 111 concurrently]</i>	Wtr 4 th yr	_____
	ATM 120 – Atm. Thermodynamics & Clouds (I, 4) <i>[Prereq: MAT 21C, PHY 9B, ATM 60]</i>	Fall 3 rd yr	_____
	ATM 121A – Atmospheric Dynamics (II, 4) <i>[Prereq: ATM 120, MAT 21D, PHY 9B]</i>	Wtr 3 rd yr	_____
	ATM 121B – Atmospheric Dynamics (III, 4) <i>[Prereq: ATM 121A]</i>	Sp 3 rd yr	_____
	ATM 124 – Meteor. Instruments & Obs. (I, 3) <i>[Prereq: ATM 60 and PHY 5C]</i>		_____
	ATM 128 – Radiation & Satellite Meteor. (II, 4) <i>[Prereq: ATM 60, PHY 9B, MAT 22B, 21D]</i>		_____
	Upper Division Atmospheric Science Courses (4)	Courses selected with advisor's approval. <i>(Not including 192 or 199)</i>	<input type="text"/> <input type="text"/>
Computer Science (4)	One of: ENG 6(I II III, 4), ATM 150(II, 4), ECI 119A (II, 4), or course selected with advisor's approval.		_____

Total Units Completed _____ **Total Upper Division** _____ **Total Units Outstanding** _____

RESTRICTED ELECTIVES (15 UNITS)

Restricted Electives are a coordinated group of courses that will serve as a concentration area. (Total of 15 Units)

To be chosen with advisor's approval from mathematics, computer science, environmental studies, communications, resource management, or a physical or biological science (at least 10 upper division units).

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Total Units Completed _____ **Total Upper Division** _____ **Total Units Outstanding** _____

UNIT REQUIREMENTS

	Total Upper Div Units	Total Units
UNIVERSITY AND COLLEGE REQUIREMENTS (3-11)	_____	_____
GENERAL EDUCATION (28)	_____	_____
PREPARATORY SUBJECT MATTER (59-62)	_____	_____
DEPTH SUBJECT MATTER (36)	_____	_____
RESTRICTED ELECTIVES (15)	_____	_____
UNRESTRICTED ELECTIVES (28-39)	_____	_____
TOTAL UNITS FOR THE DEGREE	<u>54</u>	<u>180</u>
UNITS OUTSTANDING	_____	_____

Abbreviations:

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|------------------------------------------|-----------------------------------------|
| AAS African American Studies | ERS Environmental and Resource Sciences |
| ASA Asian American Studies | ESP Environmental Science and Policy |
| ATM Atmospheric Science | GEL Geology |
| BIS Biological Sciences | HIS History |
| CHE Chemistry | HYD Hydrology |
| CMN Communications | MAT Mathematics |
| COM Comparative Literature | NAS Native American Studies |
| DRA Dramatic Arts | POL Political Science |
| ECI Engineering: Civil and Environmental | PHY Physics |
| ECN Economics | SSC Soil Science |
| ECS Engineering Computer Science | STA Statistics |
| ENG Engineering | |
| ENL English | |

I = Fall
 II = Winter
 III = Spring