

*Welcome to the Geography and Geology Department at Western Kentucky University
Meteorology -- The Dynamic Discipline (#578)*

Semester-by-Semester Checklist for the Professional Meteorology Major - Effective Fall 2016

Course	Credits	Semester	Course	Credit	Semester
FRESHMAN YEAR			FRESHMAN YEAR		
METR 121 Science Lab Intro Meteorology	3		METR 122 Aviation	3	
ENG 100 Writing (Composition)	3		MATH 137 Calculus II	4	
MATH 136 Calculus (Colonnade QR)	4		HIST 101 or 102 (Colonnade History)	3	
GEOG 110 (Exp S&B) World Regional	3		COMM 145 Colonnade F-OC	3	
GEOG 175 Freshman	2		ENG 200 Literature (Colonnade AH)	3	
HOURS	15			16	
SOPHOMORE YEAR			SOPHOMORE YEAR		
MATH 237 Multi Calc	4		MATH 331 Diff Equation	3	
CS 170 Programming	3		METR 324 Analysis	3	
GISC 316 Intro GIS	4		Colonnade Language	3	
Colonnade Arts Human	3		Connections S&B	3	
			University Elective	3	
HOURS	14			15	
JUNIOR YEAR			JUNIOR YEAR		
METR 431 Dynamic	3		METR 433 Dynamic II	3	
GEOG 300 Writing (Colonnade Writing)	3		GEOG 380 or GISC 216 (Connections L-G)	3	
METR Elective	3		METR Elective	3	
PHYS 255/256	5		PHYS 265/266	5	
Independent Research	1		Independent Research	1	
HOURS	15		HOURS	15	
SENIOR YEAR			SENIOR YEAR		
METR 432 Synoptic	3		METR 437 Mesoscale	3	
GEOG 391 Statistics	4		University Electives	6	
Elective Meteorology	3		Meteorology Elective	3	
METR 322 or GEOG 227 (Colonnade Systems)	3		Independent Research	2	
GEOG 499 Prof Develop	1				
Independent Research	2				
HOURS	16		HOURS	14	

- 120 Hours total are required in the program, with 42 hours at the 300/400 level.
- Summer courses, including Study Abroad, Field Camps, and other independent research opportunities, can reduce the number of hours required in the regular semesters.
- Required and elective courses can be moved from semester to semester to take advantage of courses when offered.
- The WKU Colonnade Program requires a minimum of 39 hours, with several required courses in the Meteorology program that can be double-counted.
- Colonnade Connections courses are restricted to Juniors/Seniors, unless 21 credit hours of Colonnade Explorations and Foundations courses have already been completed sooner.