CURRICULUM PLAN COLLEGE OF LIBERAL ARTS 2022-2023

GEOGRAPHY - B.S.
METEOROLOGY

MY ADVISOR'S NAME IS: _____

REQUIREMENTS

CORE CURRICULUM

The Core Curriculum is designed to foster critical thinking skills and introduce students to basic domains of thinking that transcend disciplines. The Core applies to all majors. Information on specific classes in the Core can be found at marshall.edu/gened.

CORE 1: CRITICAL THINKING

CODE	COURSE NAME		HRS	GRADE
FYS-100	First-Year Seminar	●	3	
STA 225	Critical Thinking Course	●	3	
GEO 100	Critical Thinking Course	●	3	

Additional University Requirements

	Writing Intensive		
	Writing Intensive (300/400)		
GEO 100	Multicultural or International		
	Capstone		

CORE 2:

CODE	COURSE NAME		HRS	GRADE
ENG 101	Beginning Composition I	●	3	
ENG 201	Advanced Composition	●	3	
CMM 103	Fund Speech-Communication	●	3	
STA 225	Introductory Statistics (CT)	●	3	
	Core II: Natural/Physical Science	●	4	
	Core II: Humanities	●	3	
GEO 100	Human Geography (CT)	● ◆	3	
	Core II: Fine Arts	●	3	

COLLEGE-SPECIFIC

All liberal arts majors are required to complete the following College of Liberal Arts Requirements. These classes may not be counted towards Core II requiremetns.

CODE	COURSE NAME		HRS	GRADE
	COLA Literature	■	3	
	COLA Literature	■	3	
	COLA Humanities	■	3	
	COLA Social Science	■	3	
	COLA Social Science	■	3	

CODE	COURSE NAME		HRS	GRADE
	COLA Social Science	■	3	
GEO 101	COLA Natural/Physical Science	■ ◆	4	
	COLA International	■	3	
	COLA Multicultural	■	3	

MAJOR-SPECIFIC

Students who wish to major in Georaphy B.S. with an area of emphasis in Meteorology must take the following major specific courses:

CODE	COURSE NAME		HRS	GRADE
GEO 100	Human Geography (CT)	● ◆	3	
GEO 101	Physical Geography (CT)	■ ◆	4	
GEO 300	Methods in Geography	◆	3	
GEO 423	Cartography and GIS	◆	3	
GEO 426	Principles of GIS	◆	4	
GEO 498	Senior Capstone I	◆	2	
GEO 499	Senior Capstone II (WI)	◆	2	
	Regional Geography	◆	3	
GEO 230	Introduction to Meteorology (CT)	◆	4	
GEO 350	Severe Storms and Natural Hazards	◆	4	
	Weather Analysis Course	◆	4	

CODE	COURSE NAME		HRS	GRADE
GEO 425	Climatology	◆	4	
GEO 431	Remote Sensing	◆	4	
	Meterology Restricted Elective	◆	3	
	Free Elective		3	
	Free Elective		3	
	Free Elective		3	
	Free Elective		3	
	Free Elective		3	
	Free Elective		3	
	Free Elective		3	

MAJOR INFORMATION

- The total number of free electives will depend on the amount of double and triple counting of requirements.
- See course attributes each semester for courses that meet multiple requirements.
- Questions about requirements should be directed to the College of Liberal Arts (304-696-2350). Core II and COLA requirements may not be double counted.
- Forty-eight credit hours (sixteen 3-hour courses) must be at the 300/400 level.
- Students must earn a C or better in ENG 201 and all foreign language courses.
- Minimum of 120 hours to graduate.
- Students specializing in the Meteorology area of emphasis must complete the Geography Core Requirements (24 credit hours) and the following Meteorology courses (20 credit hours) for a total of 44 credit hours minimum: Meteorology Area of Emphasis Courses (20 credit hours), GEO 230: Introduction to Meteorology (CT) (4 credits), GEO 350: Severe Storms and Natural Hazards (4 credits), Weather Analysis Course (4 credits), GEO 425: Climatology (4 credits), GEO 431: Remote Sensing (3 credits)
- Meteorology Restriced Elective: Choose one - *PHY 308: Thermal Physics (3 credits) or **ENGR 219: Engineering Thermodynamics (3 credits) or *PHY 330: Mechanics (3 credits) or ***ENGR 214 Dynamics (3 credits) *Requires that the student must have taken the following: PHY 211 and 202 (lab), General Physics and General Physics Laboratory; PHY 213 and 204 (lab), Principles of Physics and Laboratory Methods in Physics; MTH 229, Calculus with Analytic Geometry I; MTH 230, Calculus with Analytic Geometry II; MTH 231, Calculus with Analytic Geometry III. **Requires that the student must have taken MTH 230. ***Requires that the student must have taken ENGR 213 and MTH 230

● General Education Requirement ■ College Requirement ◆ Major Requirement ◆ Area of Emphasis

Milestone Course: This is a key success marker for your major. See your advisor to discuss the importance of this course in your plan of study.

FOUR YEAR PLAN COLLEGE OF LIBERAL ARTS 2022-2023

MY ADVISOR'S NAME IS: _____

GEOGRAPHY - B.S.
METEOROLOGY

Geography is the systematic study of the spatial aspects of human activity, the natural world, and human-environment interaction. The discipline of Geography occupies a unique position as a bridge between the social sciences (Human Geography), natural sciences (Physical Geography), and STEM fields (GIScience). As a result, the Geography Department offers both a Bachelor of Arts (B.A.) and Bachelor of Science (B.S.) degree. Both degrees offer students broad exposure to the various subfields of Geography and provide specialized career training and preparation. Geography is a rapidly expanding discipline with diverse career opportunities across the environmental sciences, social sciences, and technological fields in both the public and private sectors.

YEAR ONE

FALL SEMESTER

CODE	COURSE NAME	HRS	GRADE
CMM 103	Fund Speech-Communication	3	
ENG 101	Beginning Composition	3	
FYS 100	First Year Seminar Crit Thinking	3	
GEO 100	Core II Social Science: Human Geography (CT)	3	
STA 225	Introductory Statistics (CT)	3	
UNI 100	Freshman First Class	1	
TOTAL HOURS		**16**	

SPRING SEMESTER

CODE	COURSE NAME	HRS	GRADE
ENG 201	Advanced Composition	3	
GEO 101	COLA Phys/Nat Science: Physical Geography (CT)	4	
_____	COLA Social Science	3	
_____	Core II Humanities	3	
_____	Core II: Fine Arts	3	
TOTAL HOURS		**16**	

Summer Term (optional):

YEAR TWO

FALL SEMESTER

CODE	COURSE NAME	HRS	GRADE
_____	COLA Humanities	3	
_____	Regional Geography	3	
GEO 230	Introduction to Meteorology (CT)	4	
_____	COLA Literature	3	
_____	COLA Social Science	3	
TOTAL HOURS		**16**	

SPRING SEMESTER

CODE	COURSE NAME	HRS	GRADE
GEO 300	Methods in Geography	3	
GEO 350	Severe Storms and Natural Hazards	4	
_____	Meterology Restricted Elective (See prereqs under major info)	3	
_____	Core II: Physical/Natural Science	4	
TOTAL HOURS		**14**	

Summer Term (optional):

YEAR THREE

FALL SEMESTER

CODE	COURSE NAME	HRS	GRADE
_____	COLA Social Science	3	
GEO 423	Cartography and GIS	3	
_____	COLA Multicultural	3	
_____	Free Elective	3	
_____	Weather Analysis Course	4	
TOTAL HOURS		**16**	

SPRING SEMESTER

CODE	COURSE NAME	HRS	GRADE
GEO 431	Remote Sensing	4	
_____	300/400 Writing Intensive	3	
GEO 426	Principles of GIS	4	
_____	COLA International	3	
TOTAL HOURS		**14**	

Summer Term (optional):

YEAR FOUR

FALL SEMESTER

CODE	COURSE NAME	HRS	GRADE
GEO 498	Senior Capstone I	2	
GEO 425	Climatology	4	
_____	Free Elective	3	
_____	Free Elective	3	
_____	Free Elective	3	
TOTAL HOURS		**15**	

SPRING SEMESTER

CODE	COURSE NAME	HRS	GRADE
GEO 499	Senior Capstone II (WI)	2	
_____	COLA Literature	3	
_____	Free Elective	3	
_____	Free Elective	3	
_____	Free Elective	3	
TOTAL HOURS		**14**	

Summer Term (optional):

● General Education Requirement ■ College Requirement ◆ Major Requirement ◆ Area of Emphasis

Milestone Course: This is a key success marker for your major. See your advisor to discuss the importance of this course in your plan of study.