CURRICULUM PLAN COLLEGE OF LIBERAL ARTS 2020-2021 GEOGRAPHY - B.S. METEOROLOGY

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: CRIT	ICAL THINKING COURSE NAME		HRS	GRADE	COI	RE 2: CODE	COURSE NAME		HRS	GRADE
FYS-100	First-Year Seminar	٠	3			ENG 101	Beginning Composition I	•	3	
STA 225	Critical Thinking Course	٠	3		-	ENG 201	Advanced Composition	•	3	
GEO 100	Critical Thinking Course	٠	3			CMM 103	Fund Speech-Communication	•	3	
					-	STA 225	Introductory Statistics (CT)	٠	3	
Additional	University Requirements						Core II: Natural/Physical Science	٠	4	
, automai	Writing Intensive						Core II: Humanities	•	3	
	Writing Intensive (300/400)					GEO 100	Core II: Social Science	• •	3	
GEO 100	Multicultural or International						Core II: Fine Arts	٠	3	
	Capstone									

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

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	CODE	COURSE NAME		HRS	GRADE	CODE	COURSE NAME		HRS	GRADE	
		COLA Literature		3			COLA Social Science	•	3.		
		COLA Literature		3		GEO 101	COLA Natural/Physical Science	•	4 .		
		COLA Humanities	•	3			COLA International	•	3.		
		COLA Social Science		3			COLA Multicultural	•	3.		
		COLA Social Science		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	CODE	COURSE NAME		HRS	GRADE	
	GEO 100	Human Geography (CT)	• •	3		GEO 425	Climatology	٠	4		
1	GEO 101	Physical Geography (CT)	•	4		GEO 431	Remote Sensing	٠	3		
	GEO 300	Methods in Geography	٠	3			Meterology Restricted Elective	٠	3		
	GEO 423	Cartography and GIS	٠	3			Free Elective		3		
-	GEO 426	Principles of GIS	٠	4			Free Elective		3		
	GEO 498	Senior Capstone I	٠	2			Free Elective		3		
	GEO 499	Senior Capstone II (WI)	٠	2			Free Elective		3		
		Regional Geography	٠	3			Free Elective		3		
	GEO 230	Introduction to Meteorology (CT)	٠	4			Free Elective		3		
	GEO 350	Severe Storms and Natural Hazards	٠	4			Free Elective		3		
	GEO 360	Weather Analysis	٠	4							

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 (22 credit hours) for a total of 46 credit hours

minimum: Meteorology Area of Emphasis Courses (22 credit hours), GEO 230: Introduction to Meteorology (CT) (4 credits), GEO 350: Severe Storms and Natural Hazards (4 credits), GEO 360: Weather Analysis (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 ENGR 213 and MTH 230.

MY ADVISOR'S NAME IS:

FOUR YEAR PLAN COLLEGE OF LIBERAL ARTS 2020-2021 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.

	_		FALL SEMESTER			_		_	SPRING SEMESTER		_	
		CODE	COURSE NAME		HRS	GRADE		CODE	COURSE NAME		HRS	GRAD
	_	CMM 103	Fund Speech-Communication	•	3		-	ENG 201	Advanced Composition	•	3	
		ENG 101	Beginning Composition	•	3			GEO 101	COLA Phys/Nat Science: Physical	•	4	
E		FYS 100	First Year Seminar	•	3				Geography (CT)			
ONE		GEO 100	Core II Social Science: Human	• •	3				COLA Social Science	. •	3	
			Geography (CT)						Core II Humanities	•	3	
YEAR	-	STA 225	Introductory Statistics (CT)	•	3				Core II: Fine Arts	•	3	
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		TOTAL H	OURS		16			TOTAL HO	DURS		16	
	Sum	nmer Term (o	ptional):									
			FALL SEMESTER						SPRING SEMESTER			
		CODE	COURSE NAME		HRS	GRADE		CODE	COURSE NAME		HRS	GRAI
			COLA Humanities	•	3			GEO 300	Methods in Geography	٠	3	-
			Regional Geography	•	3			GEO 350	Severe Storms and Natural Hazards	•	4	
0		GEO 230	Introduction to Meteorology (CT)	•	4				Meterology Restricted Elective (See	٠	3	
TWO			COLA Literature	•	3				prereqs under major info)			
			COLA Social Science		3				Core II: Physical/Natural Science	٠	4	
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THREE	Sum	CODE	Pptional): FALL SEMESTER COURSE NAME COLA Social Science Weather Analysis Cartography and GIS COLA Multicultural	* *	HRS 3 4 3 3	GRADE		CODE GEO 431	SPRING SEMESTER COURSE NAME Remote Sensing 300/400 Writing Intensive Principles of GIS	•	HRS 3 3 4	GRAI
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INVOLVEMENT OPPORTUNITIES

- American Anthropological Association
- Lambda Alpha National Anthropology Honor Society
- Appalachian Studies Association
- Student Government Association
- Campus Activity Board
- JMELI
- Commuter Student Advisory Board
- Club Sports
- Political Organizations
- Residence Hall Association
- Cultural Organizations
- Greek Life

RELATED MAJORS

- Environmental Science
- Geology
- Political Science
- Economics
- MIS
- History
- International Affairs
- Sociology

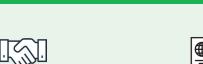
GRADUATION REQUIREMENTS

- Have a minimum of 120 credit hours (some colleges or majors require more);
- Have an overall and Marshall Grade Point Average of 2.00 or higher;
- Have an overall Grade Point Average of 2.00 or higher in the major area of study;
- Have earned a grade of C or better in English 201 or 201 H; • Have met all major(s) and college
- requirements;
- Have met the requirements of the Core Curriculum
- · Have met the residence requirements of Marshall University, including 12 hours of 300/400 level coursework in the student's college (see section entitled "Residence Requirements" in the undergraduate catalogue);
- · Be enrolled at Marshall at least one semester of the senior year;
- Have transferred no more than 72 credit hours from an accredited West Virginia twoyear institution of higher education.

Colleges and specific programs may have unique requirements that are more stringent than those noted above. Students are responsible for staying informed about and ensuring that they meet the requirements for graduation.

This academic map is to be used as a guide in planning your coursework toward a degree. Due to the complexities of degree programs, it is unfortunate but inevitable that an error may occur in the creation of this document. The

official source of degree requirements at Marshall University is DegreeWorks available in your myMU portal. Always consult regularly with your advisor.



YEAR ONE

Attend an intercultural festival or

event on campus or in town.

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In order to graduate on time, you

need to take an average of 15

credits per semester. Are you on

track? Take 15 to Finish!

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Stav on the Herd Path and come

to class! Class attendance is more

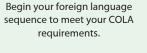
important to your success than

your high school GPA, your class

standing, or your ACT/SAT scores.

Have guestions? Need to talk? You already have a Friend-At-Marshall ready to help you succeed. Find your FAM Peer Mentor here: www.marshall.edu/fam







Take a pulse check. Know what you need to do every year to keep your grants, scholarships, or federal financial aid.



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TO

Develop relationships with professors

who can serve as future references by

attending their office hours.

College is a great time to experience

the world! Consider studying abroad

in the summer, during Spring Break,

or for an entire semester.



Excited about geography? Talk to a

career education specialist about an

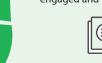
exciting job shadow opportunity.



Are you completing enough credits Meet with a career education to graduate on time? Dropping or failing a class can put you behind. Use summer terms to quickly get back on track.

specialist to conduct a "gap analysis." Figure out the skills vou'll need for the career vou want while you still have time to build them.





Have you considered adding a minor?

engaged and make a difference.



Think about personal areas of interest you'd like to explore or how you might enhance your major with a related skill

set.

Join the Geography Club or the Gamma Theta Upsilon Honor Society.

GEOGRAPHY - B.S.: METEOROLOGY – 2020-2021



YEAR THREE

Explore peer leadership opportunities student organization of your own. through the FAM Program, or apply to be a UNI Peer Mentor.



research opportunities with faculty in your major right now.



geography major.

Apply for the Sam E. Clagg Scholarship, awarded to an outstanding undergraduate

0 Are you on track to graduate? Meet with your advisor for your Junior Eval to make sure you know what

requirements you have left.

F

YEAR FOUR



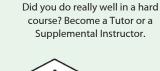
Consider applying for a yearlong service opportunity after graduation like AmeriCorps, Peace Corps, Teach for America, City Year, or Literacy Lab.

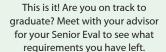


Join professional associations in your field such as the Association of American Geographers or the North American Cartographic Information Society.

Complete graduate admissions exams (GRE, MCAT, LSAT) the summer before your senior year.

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Prepare to present at the COLA Undergraduate Research and Creativity Conference in April



Enhance opportunities for practical experience. Secure an internship related to your field of study.



Want to continue your education and increase your opportunities for career advancement? Talk to our Graduate Director about whether graduate school fits your career goals.

TRANSFERABLE SKILLS ASSOCIATED WITH THIS MAJOR

- Technological Literacy
- Information Management
- Cultural Awareness
- Analytical Skills
- Project Planning
- Gathering, Organizing, and Interpreting Data
- Conducting Field Studies
- Interviewing Different Populations

ASSOCIATED CAREERS

- National Weather Service
- Meteorologist
- Broadcasting
- Disaster Planning
- Insurance/Risk Management
- Economic Development
- Environmental Conservation
- Cartography
- Regional and Urban Planning
- Assessor
- GIS Specialist
- Field Technician



Strengthen your resume and enhance your presentation skills. Present what you've learned at an academic conference off campus.





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