CURRICULUM PLAN COLLEGE OF LIBERAL ARTS 2019-2020

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.

MY ADVISOR'S NAME IS:

CORE 1: CRIT	ICAL THINKING				COF	RE 2:				
CODE	COURSE NAME		HRS	GRADE		CODE	COURSE NAME		HRS	GRADE
FYS-100	First-Year Seminar	•	3			ENG 101	Beginning Composition I	•	3	
STA 225	Critical Thinking Course	•	3		***	ENG 201	Advanced Composition	•	3	
GEO 100	Critical Thinking Course	•	3			CMM 103	Fund Speech-Communication	•	3	
					***	STA 225	Introductory Statistics (CT)	•	3	
Additiona	l University Requirements						Core II: Natural/Physical Science	•	4	
	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	•	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 requirements.

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	•	4	
**	GEO 101	Physical Geography (CT)	•	4		GEO 431	Remote Sensing	•	3	
	GEO 300	Methods in Geography	•	3			Meterology Restricted Elective	•	3	
	GEO 423	Cartography and GIS	•	3			Free Elective		3	
(GEO 426	Principles of GIS	•	4			Free Elective		3	
	GEO 498	Senior Capstone I	•	2			Free Elective		3	
	GEO 499	Senior Capstone II (WI)	•	2			Free Elective		3	
		Regional Geography	•	3			Free Elective		3	
	GEO 230	Introduction to Meteorology (CT)	•	4			Free Elective		3	
	GEO 350	Severe Storms and Natural Hazards	♦	4			Free Elective		1	
	GEO 360	Weather Analysis	♦	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 MTH 230. ***Requires that the student must have taken ENGR 213 and MTH 230

FOUR YEAR PLAN COLLEGE OF LIBERAL ARTS 2019-2020

GEOGRAPHY - B.S. METEOROLOGY

YEAR FOUR

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.

MY ADVISOR'S NAME IS:

		Geography and provide specialized care vironmental sciences, social sciences, and							verse c	areer o	pportu-
inties	across the en	FALL SEMESTER	a tecilin	Jiogic	ar rielas irre	Journa	ne public al	SPRING SEMESTER			
	CODE	COURSE NAME		HRS	GRADE		CODE	COURSE NAME		HRS	GRADE
	CMM 10	Fund Speech-Communication	•	3		***	ENG 201	Advanced Composition	•	3	
	ENG 101	Beginning Composition	•	3		•	GEO 101	Core II Phys/Nat Science: Physical	• •	4	
巴	FYS 100	First Year Seminar	•	3				Geography (CT)			
ONE	GEO 100		• •	3				COLA Social Science Core II Humanities	•	3	
AR	CTA 225	Geography (CT)		2				Core II: Fine Arts		3	
YEAR	STA 225	Introductory Statistics (CT)	•	3				Core II: Fine Arts		3	
	UNI 100	Freshman First Class		1							
	TOTAL	HOURS		16			TOTAL HO	DURS		16	
	Summer Term	(optional):									
		FALL SEMESTER	-				_	SPRING SEMESTER	-		
	CODE	COURSE NAME	_	HRS	GRADE		CODE	COURSE NAME	_	HRS	GRADE
	3322	COLA Humanities		3			GEO 300	Methods in Geography	•	3	
		_ Regional Geography	•	3			GEO 350	Severe Storms and Natural Hazards	•	4	
0	GEO 23		•	4				COLA: Physical/Natural Science		4	
TWO		COLA Literature		3				COLA Literature	•	3	
RT		COLA Social Science		3							
YEAR											
KI											
	TOTAL	HOURS		16			TOTAL HO	DURS		14	
	Summer Term	(optional):									
							_				
	CODE	FALL SEMESTER COURSE NAME		LIDC	GRADE		CODE	SPRING SEMESTER COURSE NAME		LIDC	GRADE
	CODE	COLA Social Science		3	GRADE		GEO 425	Climatology	•	4	GRADE
	GEO 36	_	•	4			GEO 423	300/400 Writing Intensive	•	3	
贸	GEO 42	•	•	3			GEO 426	Principles of GIS	•	4	
THREE	GLO 42	COLA Multicultural		3		(-4 -	GLO 420	COLA International		3	
胃		Free Elective		3				COLA International		5	
LR.	_	_ Tree Elective									
YE											
×	TOTAL	HOURS		16			TOTAL HO	DURS		14	
	Summer Term										
		FALL SEMESTER			CDA		505-	SPRING SEMESTER		1154	CDAST
	CODE	COURSE NAME			GRADE		CODE	COURSE NAME			GRADE
	GEO 49	8 Senior Capstone I	•	2			GEO 499	Senior Capstone II (WI)	•	2	

CODE	COURSE NAME		HRS	GRADE		CODE	COURSE NAME		HRS	GRADE
GEO 498	Senior Capstone I	•	2			GEO 499	Senior Capstone II (WI)	•	2	
GEO 431	Remote Sensing Free Elective	•	3				Meterology Restricted Elective (See prereqs under major info)	*	3	
	Free Elective		3				Free Elective		3	
	Free Elective		3				Free Elective		3	
TOTAL HO	URS		14			TOTAL HO	DURS		14	
Summer Term (optional):										

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.

GEOGRAPHY - B.S.: METEOROLOGY — 2019-2020

YEAR ONE



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



Begin your foreign language sequence to meet your COLA requirements.



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



Attend an intercultural festival or event on campus or in town.





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!



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.

Excited about geography? Talk to a career education specialist about an exciting job shadow opportunity.

YEAR TWO

YEAR THREE



Explore peer leadership opportunities through the FAM Program, or apply to be a UNI Peer Mentor.



Join the Geography Club or the Gamma

Theta Upsilon Honor Society, or start a

student organization of your own.

No need to wait until graduate school. Discuss undergraduate research opportunities with faculty in your major right now.



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

Did you do really well in a hard

course? Become a Tutor or a

Supplemental Instructor.

This is it! Are you on track to

graduate? Meet with your advisor

for your Senior Eval to see what

requirements you have left.

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.

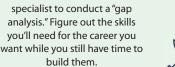


0 Are you on track to graduate? Meet

YEAR FOUR



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







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.



Take a Community Based Learning (CBL) class that connects course content to the community. Stay engaged and make a difference.



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



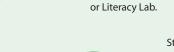
Join the Geography Club or the Gamma Theta Upsilon Honor Society.

with your advisor for your Junior

Eval to make sure you know what

requirements you have left.

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





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



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



Complete graduate admissions exams (GRE, MCAT, LSAT) the

summer before your senior year.



Information Society.



Marshall University College of Liberal Arts 1 John Marshall Drive Huntington, WV 25755 1-304-696-2350 cola@marshall.edu marshall.edu/cola



· Disaster Planning

• Insurance/Risk Management Economic Development

TRANSFERABLE SKILLS

Technological Literacy

Cultural Awareness

Analytical Skills

Project Planning

• Information Management

Conducting Field Studies

ASSOCIATED CAREERS

· National Weather Service

ASSOCIATED WITH THIS MAJOR

· Gathering, Organizing, and Interpreting

• Interviewing Different Populations

• Environmental Conservation

Cartography

Meteorologist

· Broadcasting

· Regional and Urban Planning

Assessor

GIS Specialist

Field Technician