CURRICULUM PLAN COLLEGE OF LIBERAL ARTS 2020-2021

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	Core II: Social Science	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	
	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	
GEO 360	Weather Analysis	4	
GEO 425	Climatology	4	
GEO 431	Remote Sensing	3	
	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 (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

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

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 2020-2021

GEOGRAPHY - B.S.
METEOROLOGY

MY ADVISOR'S NAME IS: _____

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				SPRING SEMESTER			
CODE	COURSE NAME	HRS	GRADE	CODE	COURSE NAME	HRS	GRADE
CMM 103	Fund Speech-Communication	3		ENG 201	Advanced Composition	3	
ENG 101	Beginning Composition	3		GEO 101	COLA Phys/Nat Science: Physical Geography (CT)	4	
FYS 100	First Year Seminar	3		_____	COLA Social Science	3	
GEO 100	Core II Social Science: Human Geography (CT)	3		_____	Core II Humanities	3	
STA 225	Introductory Statistics (CT)	3		_____	Core II: Fine Arts	3	
UNI 100	Freshman First Class	1					
TOTAL HOURS		16		TOTAL HOURS		16	

Summer Term (optional):

YEAR TWO

FALL SEMESTER				SPRING SEMESTER			
CODE	COURSE NAME	HRS	GRADE	CODE	COURSE NAME	HRS	GRADE
_____	COLA Humanities	3		GEO 300	Methods in Geography	3	
_____	Regional Geography	3		GEO 350	Severe Storms and Natural Hazards	4	
GEO 230	Introduction to Meteorology (CT)	4		_____	Meterology Restricted Elective (See prereqs under major info)	3	
_____	COLA Literature	3		_____	Core II: Physical/Natural Science	4	
_____	COLA Social Science	3					
TOTAL HOURS		16		TOTAL HOURS		14	

Summer Term (optional):

YEAR THREE

FALL SEMESTER				SPRING SEMESTER			
CODE	COURSE NAME	HRS	GRADE	CODE	COURSE NAME	HRS	GRADE
_____	COLA Social Science	3		GEO 431	Remote Sensing	3	
GEO 360	Weather Analysis	4		_____	300/400 Writing Intensive	3	
GEO 423	Cartography and GIS	3		GEO 426	Principles of GIS	4	
_____	COLA Multicultural	3		_____	COLA International	3	
_____	Free Elective	3					
TOTAL HOURS		16		TOTAL HOURS		14	

Summer Term (optional):

YEAR FOUR

FALL SEMESTER				SPRING SEMESTER			
CODE	COURSE NAME	HRS	GRADE	CODE	COURSE NAME	HRS	GRADE
GEO 498	Senior Capstone I	2		GEO 499	Senior Capstone II (WI)	2	
GEO 425	Climatology	4		_____	COLA Literature	3	
_____	Free Elective	3		_____	Free Elective	3	
_____	Free Elective	3		_____	Free Elective	3	
_____	Free Elective	3		_____	Free Elective	3	
TOTAL HOURS		14		TOTAL HOURS		14	

Summer Term (optional):

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

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.

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

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 two-year 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

Have questions? 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

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!

Begin your foreign language sequence to meet your COLA requirements.

Stay 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.

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

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

YEAR TWO

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.

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

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

Develop relationships with professors who can serve as future references by attending their office hours.

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 set.

College is a great time to experience the world! Consider studying abroad in the summer, during Spring Break, or for an entire semester.

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

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.

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

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

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.

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

Are you on track to graduate? Meet with your advisor for your Junior Eval to make sure you know what requirements you have left.

YEAR FOUR

Did you do really well in a hard course? Become a Tutor or a Supplemental Instructor.

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

This is it! Are you on track to graduate? Meet with your advisor for your Senior Eval to see what requirements you have left.

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

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

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.

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

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