

# SUSTAINABILITY MANAGEMENT & TECHNOLOGY

## 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	_____
PSY 201	Critical Thinking Course	3	_____
ACC 215	Critical Thinking Course	3	_____

### CORE 2:

CODE	COURSE NAME	HRS	GRADE
ENG 101	Beginning Composition	3	_____
ENG 201	Advanced Composition	3	_____
CMM 207	Bus & Prof Communication	3	_____
STA 150	Fundamentals of Statistics	3	_____
STA 150L	Fundamentals of Statistics Lab	1	_____
_____	Core II Natural/Physical Science	4	_____
_____	Core II Humanities	3	_____
PSY 201	General Psychology (CT)	3	_____
_____	Core II Fine Arts	3	_____

### Additional University Requirements

ENG 204	Writing Intensive	3	_____
MGT 460	Writing Intensive	3	_____
_____	Multicultural or International	3	_____
MGT 458	Capstone	3	_____

## COLLEGE

All business majors are required to take core business courses. They are as follows:

CODE	COURSE NAME	HRS	GRADE	CODE	COURSE NAME	HRS	GRADE
ENG 204	Writing for the Workplace	3	_____	MIS 200	Bus Computer Applications	3	_____
ACC 215	Intro Financial Accounting (CT)	3	_____	MIS 290	Principles of MIS	3	_____
ACC 216	Intro Managerial Accounting	3	_____	MGT 218	Business Quantitative Methods	3	_____
ECN 250	Principles of Microeconomics	3	_____	MGT 320	Principles of Management	3	_____
ECN 253	Principles of Macroeconomics	3	_____	MGT 460	Strategic Management	3	_____
FIN 323	Principles of Finance	3	_____	MKT 340	MKT Concepts and Applications	3	_____
LE 207	Legal Environment of Business	3	_____	_____	CMM Studies Elective	3	_____
_____	_____	_____	_____	_____	International Business Elective	3	_____

## MAJOR

Students who wish to major in Sustainability Management and Technology must take the following courses:

CODE	COURSE NAME	HRS	GRADE	CODE	COURSE NAME	HRS	GRADE
MGT 370	Energy Management Principles	3	_____	_____	Free Elective	3	_____
MKT 350	Supply Chain Logistics	3	_____	_____	Free Elective	3	_____
MGT 428	Negotiations	3	_____	_____	Free Elective	3	_____
MGT 446	Green Management	3	_____	_____	Free Elective	3	_____
MGT 325	Project Management	3	_____	_____	Free Elective	3	_____
MGT 380	Principles of Renewable Energy	3	_____	_____	Free Elective	3	_____
MGT 420	Operations Management	3	_____	_____	Free Elective	3	_____
MGT 458	Energy Management Strategy	3	_____	_____	Free Elective	3	_____

## MAJOR INFORMATION

- The total number of free electives required depends on the number of hours completed in STA (150 or 150B) and ENG (101 or 101P) and the number of hours that can be double-counted toward multiple degree requirements.
- The International Business Elective can be met by taking one of the following courses: ECN 408, 420, 421, 460, FIN 440, MGT 445, or MKT 371.
- The Communication Studies Elective can be met by taking one of the following courses: CMM 302, 308, 315, 319, or 322.
- MGT 458 is the capstone for all Sustainability Management and Technology majors. It is normally taken in the senior year.
- Multicultural or International additional university requirement met with International Business Elective.
- Please check with advisor about course offerings. Not all classes will be offered every semester.

**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.

# SUSTAINABILITY MANAGEMENT & TECHNOLOGY

The Department of Management and Health Care Administration offers a Bachelor of Business Administration (BBA) degree in Sustainability Management and Technology. This program teaches sustainable and clean energy solutions for a world that is facing diminishing resources and increased energy costs. You will learn about the history of energy production and the regulations surrounding energy policy, oil and natural gas conservation, sustainability, and green management. Centered on the core business elements of the energy industry, you will also learn about management, macroeconomics, accounting, marketing, and operations management.

FALL SEMESTER				SPRING SEMESTER			
CODE	COURSE NAME	HRS	GRADE	CODE	COURSE NAME	HRS	GRADE
FYS 100	First Year Se Crit Thinking	3	_____	ECN 250	Principles of Microeconomics	3	_____
ENG 101	Beginning Composition	3	_____	CMM 207	Bus & Prof Communication	3	_____
STA 150	Fundamentals of Statistics	3	_____	_____	Core II Physical or Natural Science	4	_____
STA 150L	Fundamentals of Statistics Lab	1	_____	_____	Core II Fine Arts	3	_____
PSY 201	General Psychology (CT)	3	_____	_____	Free Elective	3	_____
MIS 200	Bus Computer Applications	3	_____	_____	_____	_____	_____
UNI 100	Freshman First Class	1	_____	_____	_____	_____	_____
<b>TOTAL HOURS</b>		<b>17</b>		<b>TOTAL HOURS</b>		<b>16</b>	

Summer Term (optional):

FALL SEMESTER				SPRING SEMESTER			
CODE	COURSE NAME	HRS	GRADE	CODE	COURSE NAME	HRS	GRADE
ACC 215	Intro Financial Accounting (CT)	3	_____	ACC 216	Intro Managerial Accounting	3	_____
ECN 253	Principles of Macroeconomics	3	_____	MGT 218	Business Quantitative Methods	3	_____
ENG 201	Advanced Composition	3	_____	ENG 204	Writing for the Workplace	3	_____
LE 207	Legal Environment of Business	3	_____	_____	Core II Humanities	3	_____
_____	CMM Studies Elective	3	_____	MGT 320	Principles of Management	3	_____
<b>TOTAL HOURS</b>		<b>15</b>		<b>TOTAL HOURS</b>		<b>15</b>	

Summer Term (optional):

FALL SEMESTER				SPRING SEMESTER			
CODE	COURSE NAME	HRS	GRADE	CODE	COURSE NAME	HRS	GRADE
FIN 323	Principles of Finance	3	_____	MKT 350	Supply Chain Logistics	3	_____
MGT 370	Energy Management Principles	3	_____	MGT 428	Negotiations	3	_____
MKT 340	MKT Concepts and Applications	3	_____	MGT 446	Green Management	3	_____
MIS 290	Principles of MIS	3	_____	_____	Free Elective	3	_____
_____	Free Elective	3	_____	_____	Free Elective	3	_____
<b>TOTAL HOURS</b>		<b>15</b>		<b>TOTAL HOURS</b>		<b>15</b>	

Summer Term (optional):

FALL SEMESTER				SPRING SEMESTER			
CODE	COURSE NAME	HRS	GRADE	CODE	COURSE NAME	HRS	GRADE
MGT 380	Principles of Renewable Energy	3	_____	MGT 458	Energy Management Strategy	3	_____
MGT 420	Operations Management	3	_____	MGT 460	Strategic Management	3	_____
MGT 325	Project Management	3	_____	_____	Free Elective	3	_____
_____	International Business Elective	3	_____	_____	Free Elective	3	_____
_____	Free Elective	3	_____	_____	_____	_____	_____
<b>TOTAL HOURS</b>		<b>15</b>		<b>TOTAL HOURS</b>		<b>12</b>	

Summer Term (optional):

Area of Emphasis

Major Requirement

College Requirement

General Education Requirement

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.

# SUSTAINABILITY MANAGEMENT AND TECHNOLOGY – 2023-2024

## INVOLVEMENT OPPORTUNITIES

- Assist faculty with research projects
- Seek experiential education opportunities to support the community like working on sustainability projects
- Join a business student organization like Delta Sigma Pi
- Research professional organizations like the Energy Management Association, American Society of Heating, Refrigerating, and Air-Conditioning Engineers, and the Association of Energy Services Professionals
- Apply for internships
- Participate in BERS (Business Economics Research Symposium)
- Practice job interviewing
- Join LinkedIn
- Get a Business Professionalism Certificate
- Meet with a faculty mentor

## RELATED MAJORS

- Management
- Management Information Systems
- Safety Technology
- Geology
- Geography

## 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.

## 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](http://www.marshall.edu/fam)



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.



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!



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



Join or create a club or organization on campus about a particular issue you care about. Marshall has more than 200 student organizations.



Sign up for Handshake! Handshake is the #1 place to launch a career with no connections, experience, or luck required. The platform connects up-and-coming talent with 650,000+ employers.

## 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.



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.



Run for Student Government and represent your fellow students while making a longterm difference on Marshall's campus.



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



Meet with your academic advisor to ensure that you are informed about prerequisites and courses that are only offered one time a year.



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.

## YEAR THREE



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



Consider joining a business-focused student organization to maximize your opportunities for networking and building leadership skills.



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



Want to continue your education and increase your opportunities? Talk to a faculty member about whether graduate school fits your career goals.




Volunteer and participate in local sustainability efforts!




Work with a faculty mentor to determine what professional certifications are available to assist you in meeting your career goals.


## YEAR FOUR




Apply for graduation! It's finally here! Go online and complete your graduation application. Need help? See your advisor.




Consider the 3+2 program if you'd like to earn both your bachelor's and master's degrees in less time overall.




Check with your advisor to see if you qualify to graduate with honors.



Don't enter your field with zero experience! Secure an internship related to your field of study.



Attend Countdown to Commencement. This is a one stop shop for all things graduation at Marshall! Keep an eye out for this event.



Be at the top of your professional game! Prepare a final resume and practice your interview skills with a career coach in Career Education.

## TRANSFERABLE SKILLS ASSOCIATED WITH THIS MAJOR

- Decision Making
- Coordination
- Time Management
- Oral and Written Communication
- Critical Thinking
- Negotiation
- Judgement and Decision Making
- Complex Problem Solving
- Strategic Thinking
- Systems Analysis

## ASSOCIATED CAREERS

- Sustainability Consultant
- Environmental Manager
- Energy Market Analyst
- Project Coordinator
- Energy Research and Development
- Field Landman
- Utility Trader
- Gas Marketing Representative
- Commodity Trader (Gas and Electric)
- Land Manager
- Supply Manager
- Government Analyst

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.



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