The Marshall University Department of Mathematics prepares students for careers in the mathematical sciences and related disciplines. Graduates of our mathematics programs have had successful careers in government and industry. Our graduates have also earned advanced degrees in mathematics, statistics, engineering, and economics. Our degree programs may also be used to prepare for secondary mathematics certification and for professions such as law or medicine. The department has a dynamic and engaged faculty who focus both on excellent teaching and on many areas of mathematical research.

FOUR YEAR PLAN

SPRING SEMESTER

FALL SEMESTER

SPRING SEMESTER

FALL SEMESTER

SPRING SEMESTER

FALL SEMESTER

SPRING SEMESTER

YEAR ONE

YEAR TWO

YEAR THREE

YEAR FOUR

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

Major Information

•  Statistics majors are not required to satisfy the College of Science requirement of a minor in another discipline. However, Statistics majors often elect to complete a second (or more) minor(s) and/or one (or more) minors(s).

• The statistics and mathematics elective courses may not duplicate those used for the major requirements. The number of elective course credits required depends on whether a student is pursuing an outside minor or a 2nd major.

• The following are the three options:
  - No Outside Major or Minor: A student may major with a minor in Statistics, without a second major or a minor by completing an additional 4 elective courses from the list below. Effectively, the major requires 38 elective hours. A student pursuing multiple majors, including at least two of the majors in the department, should consult with the undergraduate coordinator for details of the department for details.
  - Since the major is quite flexible, students are expected to consult with the undergraduate coordinator in the department. Before graduation, the undergraduate coordinator must approve the selection of sequences and electives.

• Please check with advisor about course offerings. Not all classes will be offered every semester.

• Forty (40) hours must be earned in courses numbered 300-499.

• Outside Double Majors: A student graduating with multiple majors, including Statistics, need not take any additional elective math courses. Effectively, the major requires 36 elective hours. A student pursuing multiple majors, including at least two of the majors in the department, should consult with the undergraduate coordinator or the advisor for details.

COLLEGE SPECIFIC

All students must follow the major requirements as indicated in this plan. Students may also choose to take additional electives in other disciplines. The major requirements are designed to ensure that students have the opportunity to select courses in other fields and to develop skills in critical thinking and research.
GRADUATION REQUIREMENTS
Have transferred no more than 72 credit hours
Be enrolled at Marshall at least one semester
Have met the residence requirements of your major and career goals.
Have met all major(s) and college requirements
Have earned a grade of C or better in English 201 or 201H
Have an overall Grade Point Average of 2.00 or higher
Have an overall and Marshall Grade Point Average of 2.00 or higher
Have completed at least 120 credit hours (some programs require more)

RELATED MAJORS
• Business
• Data Science
• Economics
• Finance
• Accounting
• Entrepreneurship
• Psychology

IN Volvement OPPORTUNITIES
• Student Government Association
• Marshall University Ambassadors
• Intramural Sports
• Interfraternity and Sorority Life
• College of Science Club
• Pi Mu Epsilon Mathematics Association
• Greek Life

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 201H;
• 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 catalog);
• 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
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!
Develop relationships with professors who can serve as future references by attending their office hours.

YEAR TWO
Are you completing enough credits to graduate on time? Dropping or failing a class can put you behind.

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

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

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

YEAR FOUR
Join the Marshall Mentor Network and connect with professionals in your field to discuss your major, career path, and more.

Prepare to present at the regional MAA Section Meetings or any other conferences. Team up with your faculty research mentor.

Join a faculty research mentor if you are ready to take your learning and skills to the next level. Many professors and advisors are willing to get you involved in research early in your career!

STATISTICS — 2019-2020

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

Meet with your Advisor to ensure you take the necessary prerequisites that are required for your sequences.

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

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

Declare a major before your 30th hour. Participate in a Career Exploration Experience (job shadow) to help decide on your major and career goals.

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 regional Mathematics Competition.

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

Networking is key! Attend a Career Expo to seek employment opportunities and network with employers in your field.

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

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.

ASSOCIATED CAREERS
• Education
• Biostatistics
• Insurance
• Finance
• Data Science/Analytics
• Health and Medicine
• Risk Management
• Public Health
• Organizational Skills
• Attention to Detail
• Strong Oral and Written Communication Skills
• Organizational Skills

ASSOCIATED WITH THIS MAJOR

TRANSFERABLE SKILLS

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