

Advising Tips

Biology	<p>The Majors in Biology are: Biology, Biology with Concentration: Health Science, Wildlife Conservation and Management, Biochemistry and Molecular Biology (with or without ACS Certification).</p> <p>ALL students planning on one of these majors <u>should take BIO105 and BIO106</u> (BIO101 is for NON-MAJORS ONLY).</p> <p>ALL students planning on one of these majors <u>should take CHE111</u>, not CHE101 or CHE104.</p> <p>ALL students planning on one of these majors (except BMB) <u>should take MAT116</u>, not MAT112 or MAT110. (MAT116 or higher is required for all majors).</p> <p>A student interested in any of the Biology majors except Biochemistry and Molecular Biology who has an ACT math subscore between 18 and 21 or a Math Placement Exam score of 1-69 should enroll in MAT111E (Introductory Statistics).</p> <p>All Biochemistry and Molecular Biology majors need to see their assigned Student Success advisor (for freshmen) or the Biology department (for Sophomores-Seniors) for advisement <u>as soon as possible</u>.</p> <p>All intended Biology freshmen majors are encouraged to speak with the Biology Department about getting assigned to a Biology advisor after their second semester.</p>
Business	<p>Students with an ACT composite score of 21 or greater will be admitted without review upon completion of an application for admission to the program.</p> <p>Students with an ACT composite score below 21 can be admitted to the program if they have a high school GPA of 3.5 or higher.</p> <p>Students with an ACT composite below 21 and a high school GPA below 3.5 will be admitted into the BSBA program once they complete at least 45 university credit hours, have an overall college GPA of 2.5 or higher and a</p>

	<p>C or higher in the following courses: ACC201, GBA210, GBA211, and GBA201.</p> <p>Applications for admittance should be submitted at least one week prior to attempting registration in courses restricted to majors. Applications of transfer students (upon their request) will be given a preliminary review before MWSU's pre- or regular registration sessions.</p> <p>PHL232 (Business Ethics) is required for this major and completes one of the General Studies requirements. ECO260 and 261 are required for the major so do not advise students into PSY101 (except for Marketing majors), SOC110, SOC120, ECO101 or GEO100. MAT112 or MAT116 is recommended for Business majors. Category One Basic Skills courses should be completed early as these are prerequisites for many of the business courses.</p> <p>Students with less than 24 earned credit hours who are interested in Business are encouraged to take GBA110 (Introduction to Business). GBA110 is a general survey of business organizations and their activities and an excellent introduction to the BSBA degree.</p>
Chemistry	<p>Students intending degree programs in Chemistry, Biochemistry & Molecular Biology, Medical Laboratory Science, and pre-health professions (pre-med, pre-pharmacy, pre-dental...):</p> <ul style="list-style-type: none"> • Students not eligible to enroll in Calculus (prerequisite is ACT-Math subscore of 25 or higher) in their first term should enroll in MAT116 and MAT119 (ideally during the same term) to prepare for Calculus. • MAT167 Calculus I w/ Analytic Geometry. • Medical Lab Science does NOT require math beyond MAT116 • Pre-med majors may or may not need calculus (pharmacy generally requires it) <p>To be eligible to enroll in CHE111 General Chemistry I a student must have an Math ACT subscore of 22 or higher OR have earned a 70 or higher on the MWSU Math Placement Exam. Students who have completed either MAT110E or MAT111E may also enroll in CHE111.</p> <p>They should also take:</p> <ul style="list-style-type: none"> • CHE111 General Chemistry I, <u>NOT</u> CHE101 • The appropriate MAT course (see above) <ul style="list-style-type: none"> ○ For students with ACT math between 22-24 > take MAT116 and/or MAT119 ○ For students with ACT math of 25 or greater > take MAT167

	<ul style="list-style-type: none"> • A BIO course should be added for these students: <ul style="list-style-type: none"> ◦ MLS > add BIO106 ◦ Biochem & Mol. Bio. > add BIO 106 (preferred) or BIO105 ◦ Pre-health professions > add BIO106 <p>Biochemistry & Molecular Biology need to go to either the Biology or the Chemistry Department for advisement as soon as possible. Medical Laboratory Science needs to go to the Chemistry Department for advisement as soon as possible. Medical Lab Science students are advised by Dr. Mike Ducey or Dr. Natalie Mikita.</p>
Communication:	<p>Students selecting a B.S. in Convergent Journalism and Public Relations should take COM104 immediately. They also should take ENG104, followed by either ENG108 and ETC200 as soon as possible.</p> <p>If a student has already taken COM104, they may take COM210 (Presentational Communication) or COM215 (Intro to Public Relations). If they are interested in taking more than one major course, they may take COM205 (Intro to Mass Media), JOU104 (Photography), JOU202 (Reporting for the Media) or JOU227 (Media Design). These are all gateway courses into the degree and accessible at the Freshman level.</p> <p>If students have some experience or are interested in jumping into applied learning opportunities, check out JOU311 (Griffon Media, which encompasses yearbook, newspaper, and broadcast studio).</p>
Computer Science, Math and Physics	<p>Incoming prospective Computer Science (with General Emphasis) majors as follows:</p> <ul style="list-style-type: none"> • MACT < 22 <ul style="list-style-type: none"> ◦ Math course placement based on MACT score and/or MPE score; placement in MAT111E, if possible ◦ ACT102 recommended for the first semester • MACT 22, 23 or 24 <ul style="list-style-type: none"> ◦ Math course placement: MAT116 and MAT119 ◦ CSC184 and CSC274 recommended first-semester courses • MACT 25, 26 or 27 <ul style="list-style-type: none"> ◦ Math course placement: MAT167 (MAT 147 accepted, but not preferred) ◦ CSC184 and CSC274 recommended first-semester courses • MACT >= 28 <ul style="list-style-type: none"> ◦ Math course placement: MAT167 ◦ CSC184 and CSC274 recommended first-semester courses <p>Incoming prospective Applied Computer Technology majors and incoming Computer Science majors (with Emphasis in Computer Information Systems) should be enrolled in ACT102 and CSC201 during their first semester. They should also be placed in MAT111 or MAT111E if they qualify and MAT083 otherwise.</p>

	<p>Incoming Math minors with 25+ Math ACT should be enrolled in MAT167. Exceptionally strong incoming Math minors should enroll in both MAT167 and MAT217. Incoming Math minors with 22-24 Math ACT should be enrolled in <u>both</u> MAT116 and MAT119.</p>
Criminal Justice and Legal Studies:	<p>Students must achieve a letter grade of C or higher in Introduction to Criminal Justice (CRJ100) and Introduction to Law (LAT101) to be accepted into the major. PSY101 and SOC110 are recommended as General Studies classes and will meet prerequisites for upper level courses in their major. MAT111 (MAT111E) or MAT112 is recommended for CJ/LS majors.</p>
Education:	<p>Elementary Education and Special Education majors must take these General Studies courses: PSC101, GEO100, and either HIS140 or HIS150 are prerequisites for EDU340; MAT112 (preferred) or MAT116 is a prerequisite for MAT352, which is a prerequisite for EDU351; and ENG210 is a prerequisite for ENG403. Taking ENG104 early is important because it is a prerequisite to ENG108, which is a prerequisite to EDU202, which is a prerequisite to many other EDU courses.</p> <p>Early Childhood majors must meet the general studies math requirement as a prerequisite to EDU351.</p> <p>Admission to the Education Department now requires an overall GPA of 2.50 and content GPA of 3.0. Education classes will also require a 3.0 GPA.</p> <p>Admission to Education requires an ACT composite score of 20 or higher. Students below the 20 composite must pass the MoGEA (Missouri General Education Assessment) \$49 plus site fee for admission to the Education Department. Before students can student teach, they will need to pass the MOCA (Missouri Content Assessment) \$77 - \$110 a content test in their discipline area.</p> <p>The ART100 and MUS101 courses are no longer prerequisites and they can choose from any of the Gen Eds in Category Four besides ENG210, if they are Elementary Education or Special Education majors.</p>
Engineering Technology:	<p>Construction and Manufacturing Engineering Technology require CHE101 and PHY110 for General Studies natural science courses, and MAT116 and MAT147 for General Studies math.</p> <p>Manufacturing Engineering Technology/Design & Technical Graphics requires PHY110 for General Studies natural science courses, MAT116 and MAT147 for General Studies math, and ART100 for General Studies humanities.</p>

	<p>Manufacturing Engineering Technology/Bio-Manufacturing requires two classes from CHE111, PHY110, or BIO 106 for General Studies natural science courses, and MAT116 for General Studies math.</p> <p>A.A.S. in Manufacturing Engineering Technology (declared before Fall 2017) requires the following natural science and math courses: CHE101, PHY107 or PHY 110, MAT 116, and MAT 119. A.A.S. in Manufacturing Engineering Technology declared in Fall 2017 and after does not require any natural science and math courses.</p>
<p>Fine Arts: Art</p> <p>Cinema</p> <p>Music</p>	<p>ART100 is not required for the major and should not be recommended to students as other required major courses cover Area 5 (Arts and Humanities) of general studies. A grade of C or higher must be earned in all required classes of the major for the B.F.A. Degree. Art students must consult with their assigned faculty advisors each semester. Students majoring in art are required to undergo a Sophomore Review of their work. The Sophomore Review happens in the Spring semester of their sophomore year with the Sophomore Exhibit where students display 4-6 works from their core classes.</p> <p>Students seeking a degree in Cinema should meet with their Secondary Advisor before the end of their first semester. Students majoring in this area are advised to take MUS101 (Ancient to Modern) as a general studies and UNV101 within the department. They should take CIN100 AND CIN130 in the fall to satisfy core requirements within their major. They should take CIN245 and CIN190 in the following spring.</p> <p>All music majors must take MUS100 their first semester and MUS103 their first fall semester (MUS 109 required if student is a non-vocal major, in first fall semester). Any student considering a music major should be directed to the Music Department as soon as possible.</p>
<p>Health Professions: Health, Sport, and Exercise Science</p> <p>Health Information Management (HIM)</p>	<p>Students who are pursuing a bachelor degree in physical education with concentrations in Health & Exercise Science and Personal and Commercial Fitness need to take BIO101 as one of their General Studies science courses. All Health and Exercise Science, Personal and Commercial Fitness and Recreation Sport Management (RSM) majors need to take PSY101 as General Studies course as a pre-requisite for a major class.</p> <p>HIM majors are required to complete the following general studies and pre-requisite courses: MAT110 (or MAT110E) or higher (grade of "C" or better), BIO101, ACC201, ACT301, BIO250, BIO375, CSC201, PSY300 (or NUR314), and MGT350. MAT111/MAT111E, if taken for general</p>

Physical Therapy Assistant	<p>studies, can also be substituted for the Statistics requirement of NUR314 or PSY300. GBA210 can also be substituted for statistics requirement.</p> <p>The PTA Program requires separate application for admission to the program. Completion of the high school core is required before beginning the program. Admission to this program is competitive and applications are due by March 31st for acceptance the following fall semester. PTA coursework is integrated with general education courses, as well as BIO101, BIO250, and PSY101. A grade of C or better in BIO101, BIO250, PSY101 and in all major courses is required. This two-year career path leads to an Associate of Applied Science (AAS) degree.</p> <p>Program information can be found at https://www.missouriwestern.edu/pta/</p>
Population Health Management	<p>PHM majors are required to complete the following general studies and prerequisite courses with a grade of “C” or better: MAT110, MAT110E or higher, BIO101, a Chemistry course, BIO250, BIO375, ALH106, PSY101, SOC110, and ECO261.</p>
Social Work	<p>Social Work requires an application for the major and completion of ENG108, BIO101, SOC230, PSY101, SOC110, PSC101, ECO101, and preferably MAT111 (or MAT 111E); however, MAT110 (or MAT110E) (or higher) is accepted. MAT111, MAT111E, MAT110, and MAT110E will also count toward their General Studies requirements. Students must also complete SWK250 for admission into the major.</p>
Nursing	<p>The Nursing Program requires a separate application for admission to the program. Nursing students must complete all General Studies/Core42 courses and Nursing prerequisite courses prior to beginning the BSN program. Students interested in Nursing are required to complete a college level math course, chemistry with lab (CHE101, 104 or 111), an Ethics course (PHL230, 231 or 232), BIO101, and PSY101 with a grade of "C" or better as part of their General Studies/Core42 coursework. In addition, the following prerequisite courses must be completed with a grade of "C" or better: ALH352, BIO250, BIO251, BIO375 and PSY240.</p> <p>Early Acceptance into the School of Nursing is also available for high school seniors and Missouri Western freshmen with superior academic achievement. Please contact your academic advisor, the School of Nursing and Health Professions Admissions Advisement Director or visit the Traditional BSN (pre-licensure) website for complete details.</p> <p>A 2.7 minimum GPA in all college coursework is required at the time of application. The ATI Test of Essential Academic Skills (TEAS) score of 58.7% (ATI Academic Preparedness Category of Proficient) or above is</p>

	also required. Early Accepted students are not required to take the ATI TEAS.
Pre-Health Professions (Pre-Med, Pre-Dentistry, Pre-Pharmacy, Pre-Vet, Pre-PT)	These students should take BIO106, CHE111 and math (MAT116 or higher) in their first semester and schedule to meet with a health professions advisor by contacting the Biology or Chemistry departments as soon as possible.
All Pre-professional Programs:	<ul style="list-style-type: none"> • Architecture – send to Engineering Technology • Chiropractic – send to Biology • Dentistry – send to Biology • Engineering – send to Engineering Technology • Journalism – send to Communication • Law – send to: Criminal Justice/Legal Studies; Communication; or Business • Medicine – send to Biology • Optometry – send to Biology • Pharmacy – send to Chemistry • Physical Therapy – send to Biology • Vet Medicine – send to Biology
Psychology	Students interested in Psychology as a major should complete PSY101, PSY200, ENG104, BIO 101 and General Studies MAT110 (or MAT110E) or higher as soon as possible. A grade of C or higher is required in all of these courses. Students should carefully check prerequisites listed in the catalog for upper-level psychology courses.
Developmental Coursework	<p>Advisors should require students to complete developmental courses during the first semester(s) enrolled at Missouri Western. This will allow students to move into their general studies courses with the proper foundational skills and help complete acceptance requirements needed for many MWSU degree programs.</p> <p>Upon completion of developmental work, students should progress, in the following semester, to the general education English and math requirements, allowing them to complete the general education requirements prior to attempting 60 credit hours.</p> <p><u>ENG100:</u></p>

	<p>If the student is placed into ENG100 based upon their EACT score, they must take ENG 100 their first semester. To challenge placement by EACT score, the student can take the Writing Placement Exam (WPE) prior to the start of classes. The WPE must be taken on the scheduled days (see English & Modern Languages website for this information). ENG100 is a college-level, 3 credit course.</p> <p>A grade of C or higher is required in ENG100 to move on to ENG104; and in ENG104 to move on to ENG108.</p> <p><u>ENG104 Reminder:</u> A C or higher in ENG100 is required to move on to ENG104.</p> <p><u>MAT 083:</u> Please refer to the <i>Advisor's Guide to General Studies Math</i> Placement document in Tab #7 of the Advisor Handbook. The Math Placement Test scores can be viewed on Griffon GPS under the "Student Info" area or through Goldlink under the Faculty tab.</p>
General Studies	Students can complete either the Missouri Western general studies or the CORE 42 general studies. Click here for information on CORE 42.
Pre-requisites	Check pre-requisites of courses and follow the Sample Plans outlined from each department. Contact the academic department if you have any questions.