## Advising Tips

### Art

ART 100 is not required for the major but can count toward the GS requirements. However, Art Education majors need to take MUS 101 since it is a pre-requisite for Art 300. Students must earn 2.5 in ART 110, 120 and 130 and no other classes (except for ART 140) can be taken until these courses are completed with a 2.5. Art Secondary Education majors are advised by Neil Lawley.

### Biology

Students planning to major in Biology, Biotechnology, Natural Sciences/Biology, or Wildlife Conservation and Management should take BIO105 and BIO106, not BIO101. These students should take CHE111, not CHE101 or CHE104. These students should take college algebra (MAT116), not MAT112 or MAT110. Biochemistry & Molecular Biology majors should take CHE 111, MAT 116 and 119, and/or MAT167 (depending on placement), and BIO105 and BIO106. Biochemistry & Molecular Biology majors need to go to either the Biology or the Chemistry Department for advisement as soon as possible. Natural Sciences/Biology Secondary Education majors are advised by Dr. Karen Koy.

### Business

Students with an ACT composite score of 23 or greater will be admitted without review upon completion of an application for admission to the program.

Students with an ACT composite below 23 must earn a 2.5 GPA or higher and complete at least 36 university credit hours including a C or better in the following courses: ACC201, COM104, ECO260 or 261, ENG108 or 112, GBA210 or MAT132, GBA211, GBA220, MAT112 or 116 or 137 or 147 or 167.

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.

PHL230 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 student into PSY101, SOC110, SOC120, ECO101 or GEO100. MAT112 or MAT116 is recommended for Business majors. COM104 should be completed early as it is a pre-requisite for GBA220.

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.

### Chemistry

Students intending degree programs in Chemistry, Biochemistry & Molecular Biology, Natural Science/Chemistry (Forensics, Chemical
Business, Education, or Pre-professional), Medical Technology, and pre-health professions (pre-med, pre-vet, pre-dental):

- MAT 130 Pre-Calculus is no longer offered. Students now should enroll in MAT 116 and MAT 119 to prepare for Calculus (pre-requisite is ACT-Math subscore of 22)
- MAT 167 Calculus I w/ Analytic Geometry. Or can take MAT 165 AND MAT 166 to spread out the material.
- Medical Technology does NOT require math beyond MAT 116
- Pre-med majors may not need calculus, but completion of Natural Science/Chemistry/Health Profession degrees do require MAT 167 or equivalent

They should also take:

- CHE 111 General Chemistry I, NOT CHE 101 or CHE 104
- The appropriate MAT course (see above)
  - For students with ACT math between 22-24 > take MAT 116 and/or MAT 119
  - For students with ACT math of 25 or greater > take MAT 167 OR MAT 165 and MAT 166
- A BIO course should be added for these students:
  - Nat. Sci/Chem and Med. Tech. > add BIO 106
  - Biochem & Mol. Bio. > add BIO 106 (preferred) or BIO 105
  - Pre-health professions > add BIO 106 or BIO 105

Biochemistry & Molecular Biology need to go to either the Biology or the Chemistry Department for advisement as soon as possible. Chemistry Secondary Education majors are advised by Dr. Shauna Hiley.

Communication and Journalism:

Students selecting a B.A. or B.S. in Speech Communication should take COM104 immediately. They also should take ENG104 and ENG108 as soon as possible. Following completion of COM104, their next steps should be to complete the 200-level COM classes (COM222-Communication Theory, COM210-Presentational Communication and COM215-Intro to PR). These are gateway classes into the major.

Students selecting a B.S. in Public Relations should follow the same instructions as above. In addition, they should take JOU 202 and JOU 104 as soon as possible to begin their JOU sequence.

Students should take ENG104 and ENG108 right away as they are prerequisites for JOU202 (Reporting for the Media.) Check out JOU210 (Griffon News) and JOU212 (Yearbook/Magazine Production) if they have basic writing skills and are interested in newspaper and magazine production. Have students check out JOU204 (Video Journalism) if students are interested in creating video journalism packages (interviewing,
shooting and editing video). After completion of ENG104 and ENG108, students should take JOU202 (Reporting for the Media.) Students should also take JOU200 (Principles & Theory of Mass Media & Journalism.) It is required in the Journalism minor and the Convergent Media degree.

| Computer Science, Math and Physics | Incoming prospective Computer Science (with General Emphasis) majors with 22+ Math ACT Score should be enrolled in CSC184 during their first semester. 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. Incoming Math majors with 25+ Math ACT should be enrolled in MAT167. Incoming Math Majors with 22-24 Math ACT should be enrolled in both MAT 116 and MAT 119. Secondary Education majors are advised by Dr. Jennifer Hegeman. |
| Criminal Justice, Legal Studies and Social Work: | Students with an ACT of 18 or higher or completed an A.A. or A.S./A.A Degree are automatically admitted. Below 18 must have a cumulative GPA of 2.0 and take five criminal justice classes with a 2.5 to be accepted into the program. PSY101 and SOC110 are recommended as General Studies classes and will meet pre-requisites for upper level courses in their major. MAT112 is recommended for CJ/LS majors. Social Work requires an application for the major and have to take BIO101, PSY101, SOC110, PSC101 and ECO101 or 260 for their major, but these courses will also count toward their General Studies requirements. |
| Economics, Political Science and Sociology: | Economics majors need ECO260, 261, SOC110, PSC101, and either HIS140 or 150 for their majors. Political Science majors need ECO101, SOC110, PSC101 and HIS150 Sociology majors need SOC 110, ECO 101 or ECO 260 or ECO 261, PSC101 and HIS140. |
| Education: | Elementary Education majors must take ART100 or MUS101 instead of THR113 in that area for general studies. These are pre-requisites for ART300 or MUS220. Other General Studies needed for pre-requisites are: PSY101, PSC101, GEO100, and either HIS140 or HIS150. They need to take MAT112 or MAT116 as a pre-requisite for EDU351, and ENG210 is a pre-requisite for ENG403. Admission to the Education Department now requires an overall GPA of 2.75 and content GPA of 3.0. Education classes will also require a 3.0 GPA. |
### Students must pass the MoGEA (Missouri General Education Assessment) $49 plus site fee, and the MEP (Missouri Education Profile) $22, for admission to the Education Department. Before students can student teach, they will need to pass the MOCA (Missouri Content Assessment) $77 - $165 a content test in their discipline area. During student teaching, the student will take the MoPTA (Missouri Pre-service Teacher Assessment) $275.

### Engineering Technology:

- Electronics Engineering Technology requires CHE101, PHY110 and PHY111 for General Studies natural science courses, and MAT 116, 119 and 147 for General Studies math.


- Associates in Manufacturing Engineering Technology requires PHY107, PHY110 and CHE101 for General Studies natural science courses, and MAT116 and MAT119 for General Studies math.

### English & Modern Languages
- English majors need to take ENG220 instead of ENG210 for their GS requirement. Non-majors will be admitted to upper division literature classes without 220, though preferably with 210. French and Spanish majors should take the foreign language placement test. The only cost is $85 IF the student passes the test-out and wants to claim the credit. If the student takes the next recommended class and receives a C or higher, the $85 will be refunded to the student. There is no record if the student does not pass and students do not have to sign up to take the placement test. For more information on foreign language placement, consult: [https://www.missouriwestern.edu/eml/foreign-language-placement-exam-schedule/](https://www.missouriwestern.edu/eml/foreign-language-placement-exam-schedule/). There is a special curriculum for heritage/native Spanish speakers—direct students to the English & Modern Languages Dept. English Secondary Education majors can be directed to Dr. Michael Cadden. French Secondary Education majors are advised by Dr. Susan Hennessy. Spanish Secondary Education majors are advised by Dr. Francisco Castilla-Ortiz.

### Health, Physical Education and Recreation:
- P.E. and Health & Exercise majors need to take BIO101 as one of their General Studies science courses. All HPER majors need to take PSY101 as General Studies course as a pre-requisite for a major class. RSM majors: Complete Category One of General Studies with a C or better in
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<tr>
<th>Program</th>
<th>Requirements and Notes</th>
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<tr>
<td>Health Information Management (HIM)</td>
<td>HIM majors are required to complete the following general studies and pre-requisite courses: MAT110 or higher (grade of &quot;C&quot; or better), BIO101, ACC201, ACT301, BIO250, BIO375, CSC 201, NUR 314 (or PSY 300), and MGT 350.</td>
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<tr>
<td>History and Geography</td>
<td>Students should have completed ENG104 or be concurrently enrolled in ENG104 to be prepared for GEO 100, HIS 140, HIS 150, HIS 200, HIS 210, HIS 230, HUM 203, HUM 204, HUM 205, PHL 210, PHL 230, REL 250, REL 251, and REL 252. First semester students should have an ACT score of 21 to enroll in General Studies history, humanities, philosophy, geography, and religion courses. Otherwise, grades of D, F, or W frequently occur. GPA of 2.0 is required for admission to each of the four major programs in history. History Secondary Education majors are advised by Dr. Steve Greiert, Dr. Dan Trifan, Dr. Jay Lemanski, Dr. Orion Teal, and Dr. Jim Okapal.</td>
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<td>Philosophy and Religion</td>
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<td>Music</td>
<td>MUS101 is part of the major requirements and there is usually a special section that is designed specifically for music majors in the spring semester. Any student considering a music major should be directed to the Music Department as soon as possible. Music Secondary Education majors are advised by Dr. Elise Hepworth (vocal) and Mr Jeff Hinton (instrumental).</td>
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<td>Nursing</td>
<td>The Nursing Program requires separate application for admission to the program. Nursing students must complete General Studies courses and Nursing prerequisite courses prior to beginning the BSN program. Students interested in Nursing are required to complete MAT110 or 116 (MAT116 is preferred), BIO101, CHE104 or 111, PSY101, and PHL230 with a grade of &quot;C&quot; or better as part of their General Studies coursework. In addition, the following pre-requisite courses must be completed with a grade of &quot;C&quot; or better: ALH352, BIO250, BIO251, BIO375 and PSY240.</td>
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<td>Physical Therapy Assistant (PTA)</td>
<td>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. Program information can be found at <a href="https://www.missouriwestern.edu/pta/">https://www.missouriwestern.edu/pta/</a></td>
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<td>Pre-Health Professions (Pre-Med, Pre-Dentistry, Pre-...)</td>
<td>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.</td>
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| Pharmacy, Pre-Vet, Pre-PT | • Dentistry – send to Biology or Chemistry  
• Engineering – send to Engineering Technology  
• Architecture – send to Engineering Technology  
• Journalism – send to Communication & Journalism  
• Law – send to: History/Philosophy/Geography; Economics/Political Science/Sociology; Criminal Justice/Legal Studies/Social Work; English & Modern Languages; Business; or Communication & Journalism  
• Medicine – send to Biology or Chemistry  
• Optometry – send to Biology or Chemistry  
• Pharmacy – send to Chemistry  
• Physical Therapy – send to Biology  
• Vet Medicine – send to Biology |
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<tr>
<td>All Pre-professional Programs:</td>
<td>Requires an application for the major. To apply, students need to complete PSY101, PSY200, ENG104, BIO 101 and General Studies MAT110 or higher is required. Courses in the catalog that indicate that a declared major is required cannot be taken until the student is admitted to the major.</td>
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<td>Psychology</td>
<td>Theatre, Cinema and Dance: Students selecting degrees in the Theatre, Cinema and Dance area should be advised by one of the departmental faculty. Students majoring in this area are required to take THR113 as a general studies Category 4 - Humanities and THR140, CIN170 AND CIN270 to satisfy core requirements within their major.</td>
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<td>Athletics</td>
<td>Bachelor of Arts Any student pursuing a Bachelor of Arts needs to get started early in their first foreign language class. We offer Chinese, French, Spanish and German. The B.A. degrees require 12 credit hours in the same language.</td>
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<td>Developmental Coursework</td>
<td>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. 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</td>
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requirements prior to attempting 60 credit hours. If the student is placed into ENG 100 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). ENG 100 is a college-level, 3 credit course. A grade of C or higher is required in ENG100 to move on to ENG104; and in ENG104 to move on to ENG108.

A grade of C or higher is required in RDG095 to complete the course.

Please refer to the Math Placement chart [https://www.missouriwestern.edu/advising/wp-content/uploads/sites/296/2015/02/Math-Placement-Chart.pdf](https://www.missouriwestern.edu/advising/wp-content/uploads/sites/296/2015/02/Math-Placement-Chart.pdf) for appropriate math placement. The Math Placement Test scores can be viewed on Griffon GPS under the “Student Info” area or through GoldLink under the Faculty Tab.

### General Studies

PED101 is not needed at University of Missouri-Columbia so if a student plans to transfer, do not have them take the class. Also, if a student has been in the military, they often receive credit for PED101 and/or their 1 hr. Lifetime Sports activity.

### Honors Program

Honors must take 6 General Studies honors courses, earning an A or B in each course and take 6 credit hours of Honors Colloquia, earning an A or B in each colloquium. Advisors should refer to page 56 of the University Undergraduate Catalog for a listing of what year/semester General Studies honors courses are offered to assist honors students in completing the 6 required General Studies honors courses.

### LAS Areas of Focus

Refer to the LAS section of the University Undergraduate Catalog for the listing of courses that will meet the four areas of focus required for specific majors. Students can take any course within a column to meet that specific area of focus and are not limited to just their major courses listed. However, most majors build in the LAS Areas of Focus classes in the courses required on the major declaration form.

### 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.

Last updated 3/6/15