

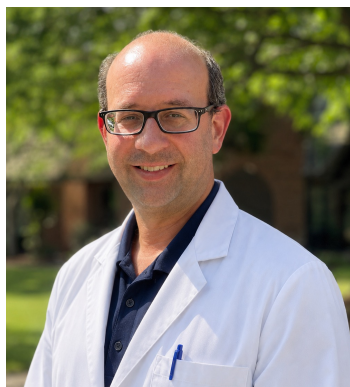
MCAT Accelerator @ Missouri S&T

Location: Missouri S&T St. Louis Operations
Dates: July 16-28, 2026
Time: 7:45am to 4pm, Daily

INSTRUCTORS



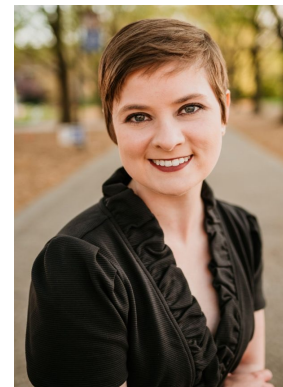
Gina L. C. Yosten, Ph.D.
Professor and Kummer
Endowed Chair of
Biological Sciences
Missouri S&T



**Grant R. Kolar, M.D.,
Ph.D.**
Professor of
Biological Sciences
Missouri S&T



**Willis Samson, Ph.D.,
D.Sc.**
Professor of
Biological Sciences
Missouri S&T

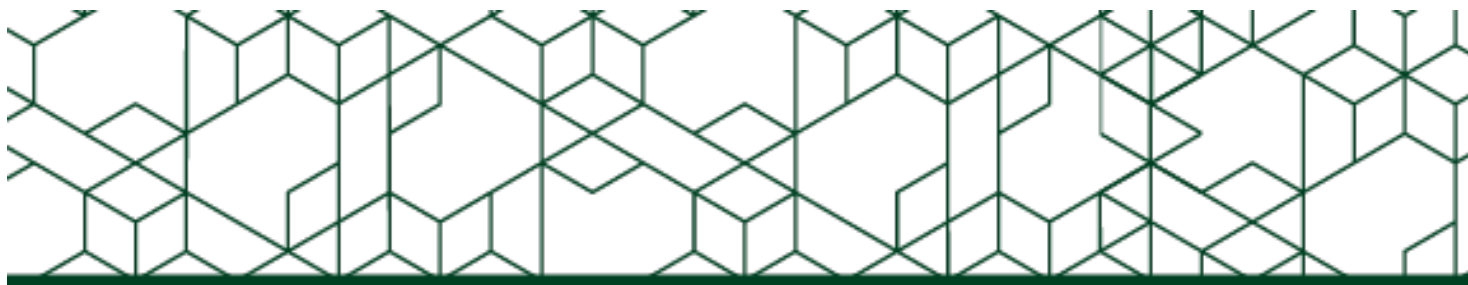


Katie Sharp, Ph.D.
Assistant Professor of
Biological Sciences
Missouri S&T

BOOTCAMP DAILY SCHEDULE

7:45 a.m. Check In
8:00 a.m. Daily Overview
8:15 a.m. Chemistry and Physics Drills and Skills
10:00 a.m. Break
10:10 a.m. CARS Drills and Skills
11:45 a.m. Lunch Break
12:15 p.m. Biology and Biochem Drills and Skills
1:45 p.m. Break
2:00 p.m. Psych and Behavior Drills and Skills
3:35 p.m. Daily Review

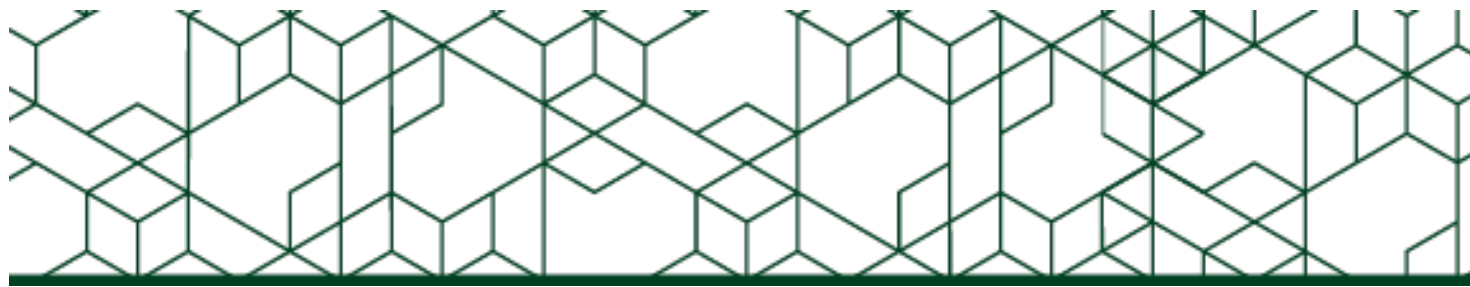




MCAT Accelerator @ Missouri S&T

Thursday, July 16, 2026

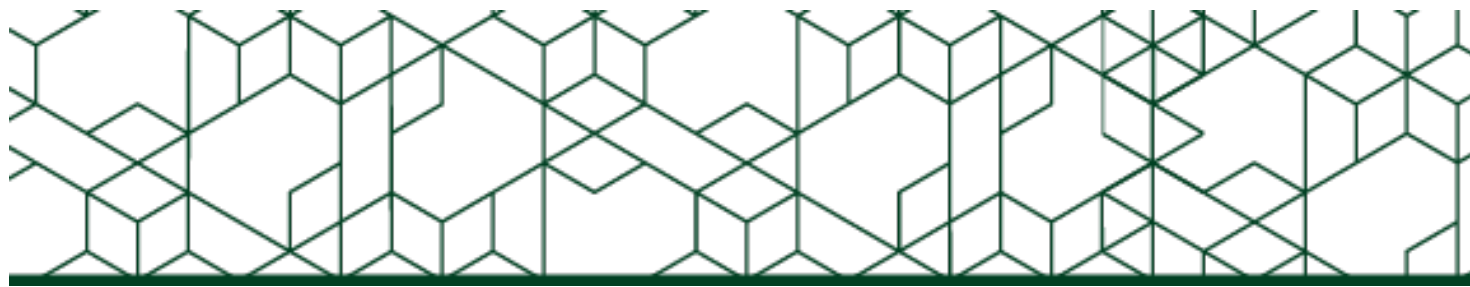
- 7:45 a.m. Check In**
Students will check in using their photo ID and secure their belongings, similar to what occurs during the MCAT test.
- 8:00 a.m. Overview of course objectives and strategies**
Students will become familiarized with the course portal, format, and the psychology behind the schedule.
- 8:15 a.m. Chemistry and Physics Assessment**
Students will complete a skills assessment by completing an instructor-written, MCAT-style exam. Student performance will guide specific topics that will be discussed during the remainder of the course.
- 10:00 a.m. Break**
- 10:10 a.m. Critical Analysis and Reasoning Skills Assessment**
Students will complete a skills assessment by completing an instructor-written, MCAT-style exam. Student performance will guide specific topics that will be discussed during the remainder of the course.
- 11:45 a.m. Lunch Break**
- 12:15 p.m. Biology and Biochemistry Assessment**
Students will complete a skills assessment by completing an instructor-written, MCAT-style exam. Student performance will guide specific topics that will be discussed during the remainder of the course.
- 1:45 p.m. Break**
- 2:00 p.m. Psychology and Behavior Assessment**
Students will complete a skills assessment by completing an instructor-written, MCAT-style exam. Student performance will guide specific topics that will be discussed during the remainder of the course.
- 3:35 p.m. Review**
Debrief and recap.



MCAT Accelerator @ Missouri S&T

Friday, July 17, 2026

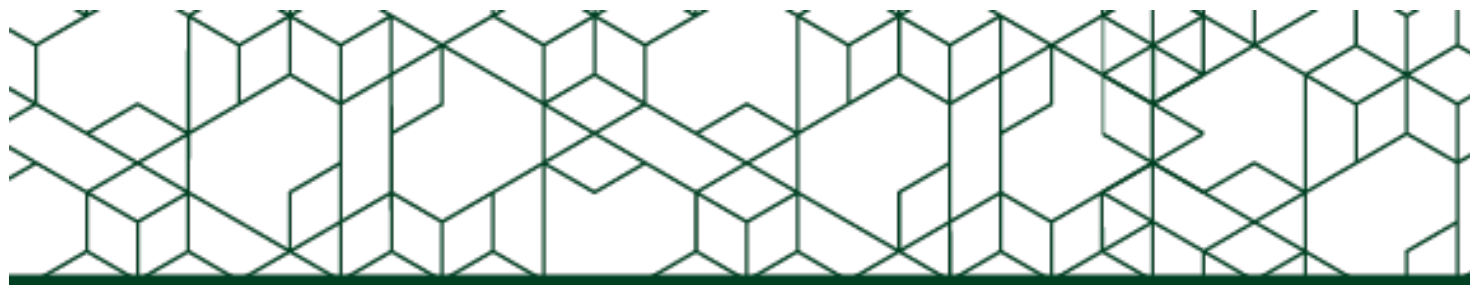
- 7:45 a.m. Check In**
Students will check in using their photo ID and secure their belongings.
- 8:00 a.m. Overview**
Instructors will provide a preview of the daily activities.
- 8:15 a.m. Chemistry and Physics Skills and Drills**
8:15 a.m. Assessment Review—students will be provided with Assessment scores for this section and review the overall skills to learn
8:30 a.m. Practice Questions—students will complete a short set of practice questions focused on a skill or test trap
8:45 a.m. Instructional Review—students will review high-yield content related to the skills and/or test trap covered by the Practice Questions
- 10:00 a.m. Break**
- 10:10 a.m. Critical Analysis and Reasoning Skills Assessment**
10:10 a.m. Assessment Review—students will be provided with Assessment scores for this section and review the overall skills to learn
10:25 a.m. Practice Questions—students will complete a short set of practice questions focused on a skill or test trap
10:40 a.m. Instructional Review—students will review high-yield content related to the skills and/or test trap covered by the Practice Questions
- 11:45 a.m. Lunch Break**
- 12:15 p.m. Biology and Biochemistry Assessment**
12:15 p.m. Assessment Review—students will be provided with Assessment scores for this section and review the overall skills to learn
12:30 p.m. Practice Questions—students will complete a short set of practice questions focused on a skill or test trap
12:45 p.m. Instructional Review—students will review high-yield content related to the skills and/or test trap covered by the Practice Questions
- 1:45 p.m. Break**
- 2:00 p.m. Psychology and Behavior Assessment**
2:00 p.m. Assessment Review—students will be provided with Assessment scores for this section and review the overall skills to learn
2:15 p.m. Practice Questions—students will complete a short set of practice questions focused on a skill or test trap
2:30 p.m. Instructional Review—students will review high-yield content related to the skills and/or test trap covered by the Practice Questions
- 3:35 p.m. Review**
Students will receive their overall scores for the Assessment.



MCAT Accelerator @ Missouri S&T

Saturday, July 18, 2026

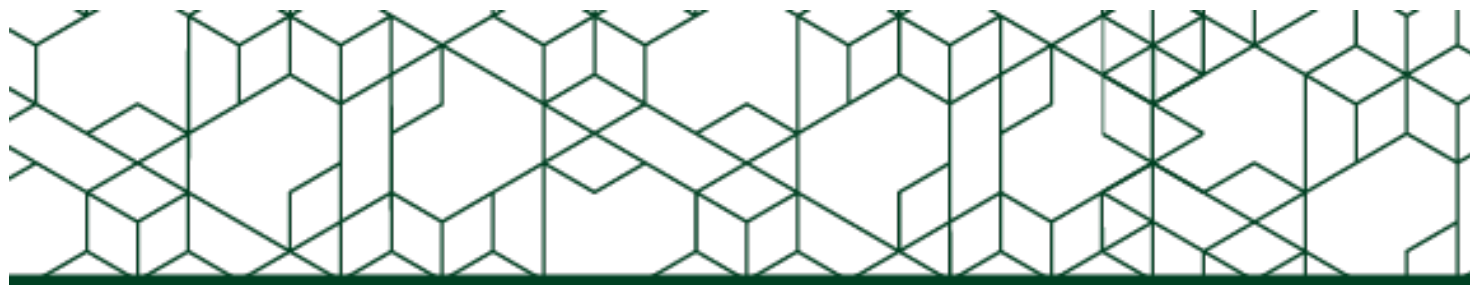
- 7:45 a.m. Check In**
Students will check in using their photo ID and secure their belongings.
- 8:00 a.m. Overview**
Instructors will provide a preview of the daily activities.
- 8:15 a.m. Chemistry and Physics Skills and Drills**
8:15 a.m. Practice Questions—students will complete a short set of practice questions focused on a skill or test trap
8:45 a.m. Instructional Review—students will review high-yield content related to the skills and/or test trap covered by the Practice Questions
- 10:00 a.m. Break**
- 10:10 a.m. Critical Analysis and Reasoning Skills Assessment**
10:10 a.m. Practice Questions—students will complete a short set of practice questions focused on a skill or test trap
10:40 a.m. Instructional Review—students will review high-yield content related to the skills and/or test trap covered by the Practice Questions
- 11:45 a.m. Lunch Break**
- 12:15 p.m. Biology and Biochemistry Assessment**
12:15 p.m. Practice Questions—students will complete a short set of practice questions focused on a skill or test trap
12:45 p.m. Instructional Review—students will review high-yield content related to the skills and/or test trap covered by the Practice Questions
- 1:45 p.m. Break**
- 2:00 p.m. Psychology and Behavior Assessment**
2:00 p.m. Practice Questions—students will complete a short set of practice questions focused on a skill or test trap
2:30 p.m. Instructional Review—students will review high-yield content related to the skills and/or test trap covered by the Practice Questions
- 3:35 p.m. Review**
Debrief and recap.



MCAT Accelerator @ Missouri S&T

Sunday, July 19, 2026

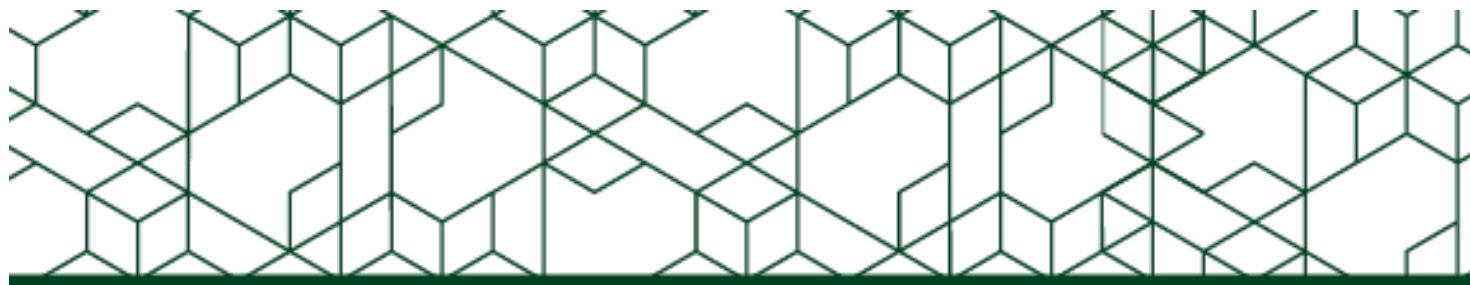
- 7:45 a.m. Check In**
Students will check in using their photo ID and secure their belongings.
- 8:00 a.m. Overview**
Instructors will provide a preview of the daily activities.
- 8:15 a.m. Chemistry and Physics Skills and Drills**
8:15 a.m. Practice Questions—students will complete a short set of practice questions focused on a skill or test trap
8:45 a.m. Instructional Review—students will review high-yield content related to the skills and/or test trap covered by the Practice Questions
- 10:00 a.m. Break**
- 10:10 a.m. Critical Analysis and Reasoning Skills Assessment**
10:10 a.m. Practice Questions—students will complete a short set of practice questions focused on a skill or test trap
10:40 a.m. Instructional Review—students will review high-yield content related to the skills and/or test trap covered by the Practice Questions
- 11:45 a.m. Lunch Break**
- 12:15 p.m. Biology and Biochemistry Assessment**
12:15 p.m. Practice Questions—students will complete a short set of practice questions focused on a skill or test trap
12:45 p.m. Instructional Review—students will review high-yield content related to the skills and/or test trap covered by the Practice Questions
- 1:45 p.m. Break**
- 2:00 p.m. Psychology and Behavior Assessment**
2:00 p.m. Practice Questions—students will complete a short set of practice questions focused on a skill or test trap
2:30 p.m. Instructional Review—students will review high-yield content related to the skills and/or test trap covered by the Practice Questions
- 3:35 p.m. Review**
Debrief and recap.



MCAT Accelerator @ Missouri S&T

Monday, July 20, 2026

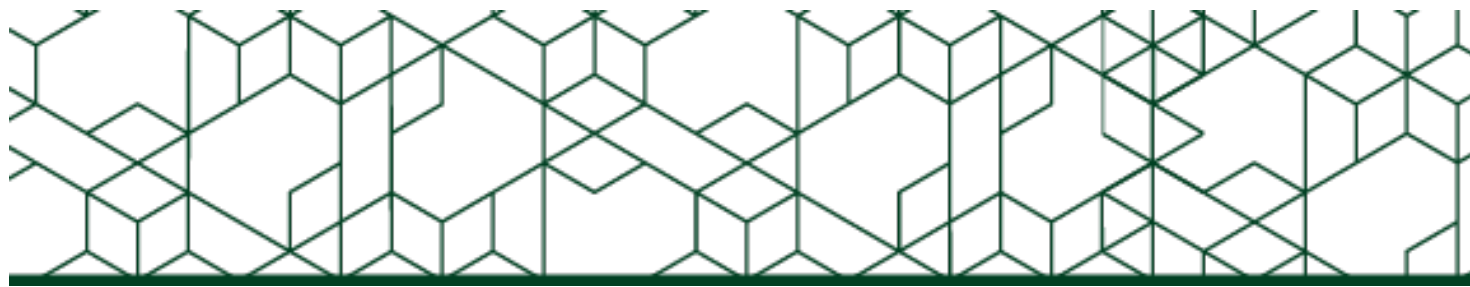
- 7:45 a.m. Check In**
Students will check in using their photo ID and secure their belongings.
- 8:00 a.m. Overview**
Instructors will provide a preview of the daily activities.
- 8:15 a.m. Chemistry and Physics Skills and Drills**
8:15 a.m. Practice Questions—students will complete a short set of practice questions focused on a skill or test trap
8:45 a.m. Instructional Review—students will review high-yield content related to the skills and/or test trap covered by the Practice Questions
- 10:00 a.m. Break**
- 10:10 a.m. Critical Analysis and Reasoning Skills Assessment**
10:10 a.m. Practice Questions—students will complete a short set of practice questions focused on a skill or test trap
10:40 a.m. Instructional Review—students will review high-yield content related to the skills and/or test trap covered by the Practice Questions
- 11:45 a.m. Lunch Break**
- 12:15 p.m. Biology and Biochemistry Assessment**
12:15 p.m. Practice Questions—students will complete a short set of practice questions focused on a skill or test trap
12:45 p.m. Instructional Review—students will review high-yield content related to the skills and/or test trap covered by the Practice Questions
- 1:45 p.m. Break**
- 2:00 p.m. Psychology and Behavior Assessment**
2:00 p.m. Practice Questions—students will complete a short set of practice questions focused on a skill or test trap
2:30 p.m. Instructional Review—students will review high-yield content related to the skills and/or test trap covered by the Practice Questions
- 3:35 p.m. Review**
Debrief and recap.



MCAT Accelerator @ Missouri S&T

Tuesday, July 21, 2026

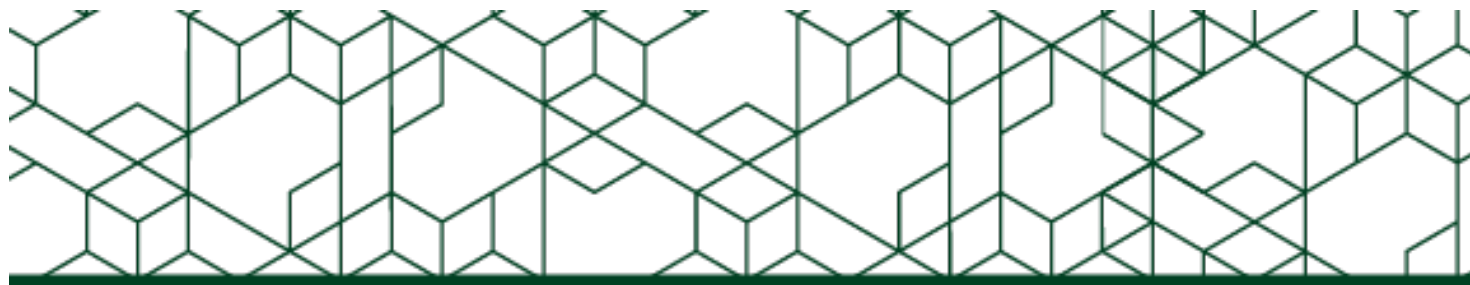
- 7:45 a.m. Check In**
Students will check in using their photo ID and secure their belongings.
- 8:00 a.m. Overview**
Instructors will provide a preview of the daily activities.
- 8:15 a.m. Chemistry and Physics Skills and Drills**
8:15 a.m. Practice Questions—students will complete a short set of practice questions focused on a skill or test trap
9:00 a.m. Instructional Review—students will review high-yield content related to the skills and/or test trap covered by the Practice Questions
- 10:00 a.m. Break**
- 10:10 a.m. Critical Analysis and Reasoning Skills Assessment**
10:10 a.m. Practice Questions—students will complete a short set of practice questions focused on a skill or test trap
10:55 a.m. Instructional Review—students will review high-yield content related to the skills and/or test trap covered by the Practice Questions
- 11:45 a.m. Lunch Break**
- 12:15 p.m. Biology and Biochemistry Assessment**
12:15 p.m. Practice Questions—students will complete a short set of practice questions focused on a skill or test trap
1:00 p.m. Instructional Review—students will review high-yield content related to the skills and/or test trap covered by the Practice Questions
- 1:45 p.m. Break**
- 2:00 p.m. Psychology and Behavior Assessment**
2:00 p.m. Practice Questions—students will complete a short set of practice questions focused on a skill or test trap
2:45 p.m. Instructional Review—students will review high-yield content related to the skills and/or test trap covered by the Practice Questions
- 3:35 p.m. Review**
Debrief and recap.



MCAT Accelerator @ Missouri S&T

Wednesday, July 22, 2026

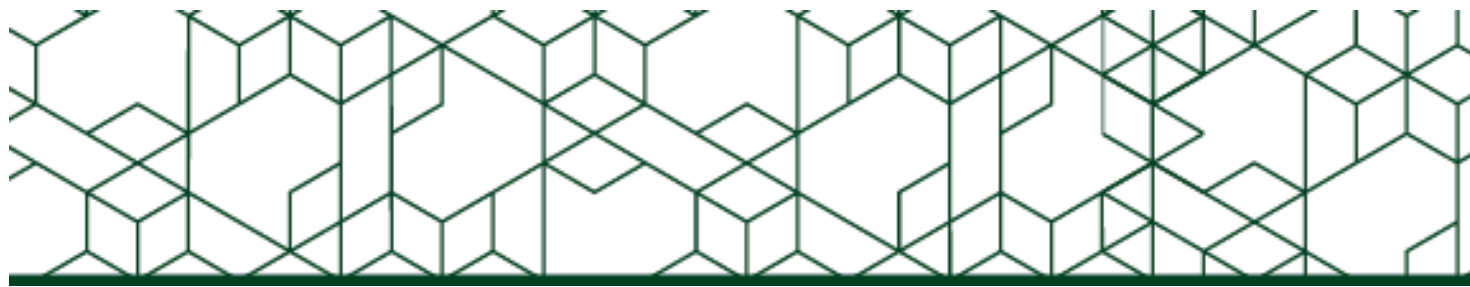
- 7:45 a.m. Check In**
Students will check in using their photo ID and secure their belongings.
- 8:00 a.m. Overview**
Instructors will provide a preview of the daily activities.
- 8:15 a.m. Chemistry and Physics Skills and Drills**
8:15 a.m. Practice Questions—students will complete a short set of practice questions focused on a skill or test trap
9:00 a.m. Instructional Review—students will review high-yield content related to the skills and/or test trap covered by the Practice Questions
- 10:00 a.m. Break**
- 10:10 a.m. Critical Analysis and Reasoning Skills Assessment**
10:10 a.m. Practice Questions—students will complete a short set of practice questions focused on a skill or test trap
10:55 a.m. Instructional Review—students will review high-yield content related to the skills and/or test trap covered by the Practice Questions
- 11:45 a.m. Lunch Break**
- 12:15 p.m. Biology and Biochemistry Assessment**
12:15 p.m. Practice Questions—students will complete a short set of practice questions focused on a skill or test trap
1:00 p.m. Instructional Review—students will review high-yield content related to the skills and/or test trap covered by the Practice Questions
- 1:45 p.m. Break**
- 2:00 p.m. Psychology and Behavior Assessment**
2:00 p.m. Practice Questions—students will complete a short set of practice questions focused on a skill or test trap
2:45 p.m. Instructional Review—students will review high-yield content related to the skills and/or test trap covered by the Practice Questions
- 3:35 p.m. Review**
Debrief and recap.



MCAT Accelerator @ Missouri S&T

Thursday, July 23, 2026

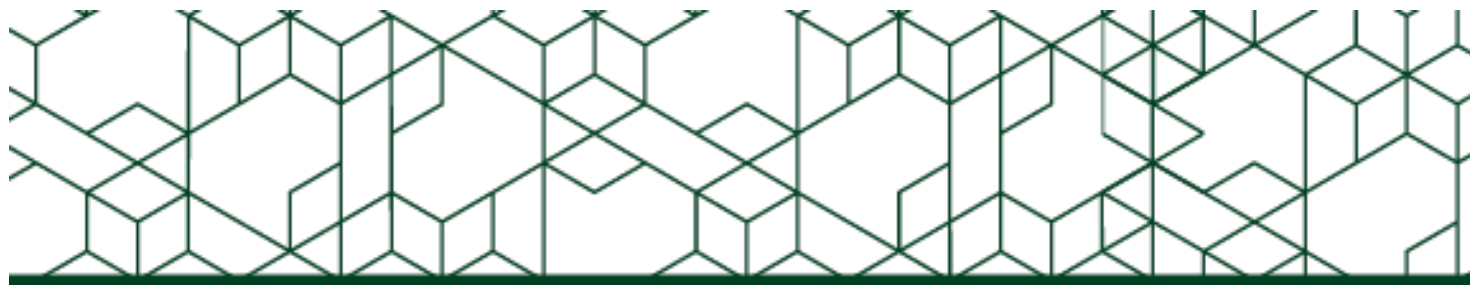
- 7:45 a.m. Check In**
Students will check in using their photo ID and secure their belongings.
- 8:00 a.m. Overview**
Instructors will provide a preview of the daily activities.
- 8:15 a.m. Chemistry and Physics Skills and Drills**
8:15 a.m. Practice Questions—students will complete a short set of practice questions focused on a skill or test trap
9:00 a.m. Instructional Review—students will review high-yield content related to the skills and/or test trap covered by the Practice Questions
- 10:00 a.m. Break**
- 10:10 a.m. Critical Analysis and Reasoning Skills Assessment**
10:10 a.m. Practice Questions—students will complete a short set of practice questions focused on a skill or test trap
10:55 a.m. Instructional Review—students will review high-yield content related to the skills and/or test trap covered by the Practice Questions
- 11:45 a.m. Lunch Break**
- 12:15 p.m. Biology and Biochemistry Assessment**
12:15 p.m. Practice Questions—students will complete a short set of practice questions focused on a skill or test trap
1:00 p.m. Instructional Review—students will review high-yield content related to the skills and/or test trap covered by the Practice Questions
- 1:45 p.m. Break**
- 2:00 p.m. Psychology and Behavior Assessment**
2:00 p.m. Practice Questions—students will complete a short set of practice questions focused on a skill or test trap
2:45 p.m. Instructional Review—students will review high-yield content related to the skills and/or test trap covered by the Practice Questions
- 3:35 p.m. Review**
Debrief and recap.



MCAT Accelerator @ Missouri S&T

Friday, July 24, 2026

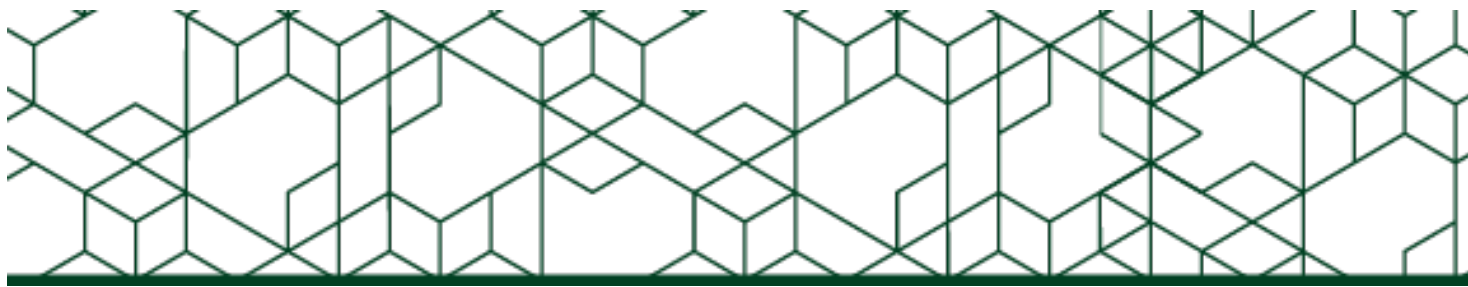
- 7:45 a.m. Check In**
Students will check in using their photo ID and secure their belongings.
- 8:00 a.m. Overview**
Instructors will provide a preview of the daily activities.
- 8:15 a.m. Chemistry and Physics Skills and Drills**
8:15 a.m. Practice Questions—students will complete a short set of practice questions focused on a skill or test trap
9:15 a.m. Instructional Review—students will review high-yield content related to the skills and/or test trap covered by the Practice Questions
- 10:00 a.m. Break**
- 10:10 a.m. Critical Analysis and Reasoning Skills Assessment**
10:10 a.m. Practice Questions—students will complete a short set of practice questions focused on a skill or test trap
11:10 a.m. Instructional Review—students will review high-yield content related to the skills and/or test trap covered by the Practice Questions
- 11:45 a.m. Lunch Break**
- 12:15 p.m. Biology and Biochemistry Assessment**
12:15 p.m. Practice Questions—students will complete a short set of practice questions focused on a skill or test trap
1:15 p.m. Instructional Review—students will review high-yield content related to the skills and/or test trap covered by the Practice Questions
- 1:45 p.m. Break**
- 2:00 p.m. Psychology and Behavior Assessment**
2:00 p.m. Practice Questions—students will complete a short set of practice questions focused on a skill or test trap
3:00 p.m. Instructional Review—students will review high-yield content related to the skills and/or test trap covered by the Practice Questions
- 3:35 p.m. Review**
Debrief and recap.



MCAT Accelerator @ Missouri S&T

Saturday, July 25, 2026

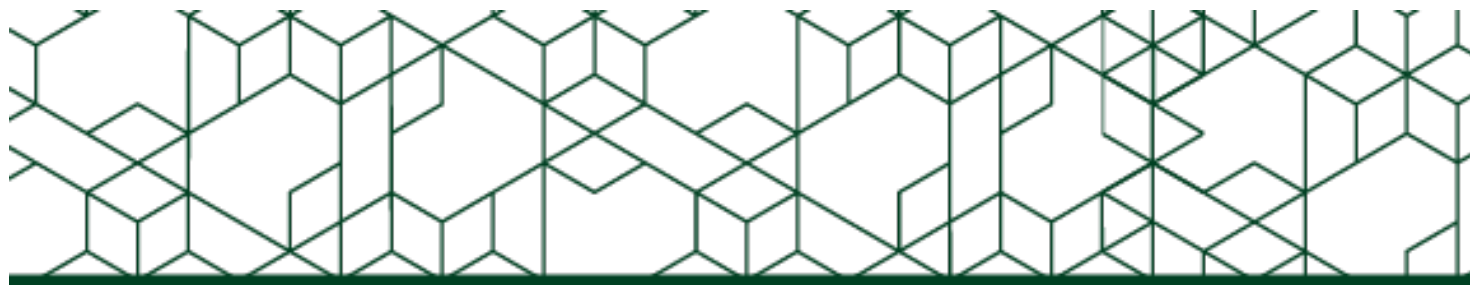
- 7:45 a.m. Check In**
Students will check in using their photo ID and secure their belongings.
- 8:00 a.m. Overview**
Instructors will provide a preview of the daily activities.
- 8:15 a.m. Chemistry and Physics Skills and Drills**
8:15 a.m. Practice Questions—students will complete a short set of practice questions focused on a skill or test trap
9:15 a.m. Instructional Review—students will review high-yield content related to the skills and/or test trap covered by the Practice Questions
- 10:00 a.m. Break**
- 10:10 a.m. Critical Analysis and Reasoning Skills Assessment**
10:10 a.m. Practice Questions—students will complete a short set of practice questions focused on a skill or test trap
11:10 a.m. Instructional Review—students will review high-yield content related to the skills and/or test trap covered by the Practice Questions
- 11:45 a.m. Lunch Break**
- 12:15 p.m. Biology and Biochemistry Assessment**
12:15 p.m. Practice Questions—students will complete a short set of practice questions focused on a skill or test trap
1:15 p.m. Instructional Review—students will review high-yield content related to the skills and/or test trap covered by the Practice Questions
- 1:45 p.m. Break**
- 2:00 p.m. Psychology and Behavior Assessment**
2:00 p.m. Practice Questions—students will complete a short set of practice questions focused on a skill or test trap
3:00 p.m. Instructional Review—students will review high-yield content related to the skills and/or test trap covered by the Practice Questions
- 3:35 p.m. Review**
Debrief and recap.



MCAT Accelerator @ Missouri S&T

Sunday, July 26, 2026

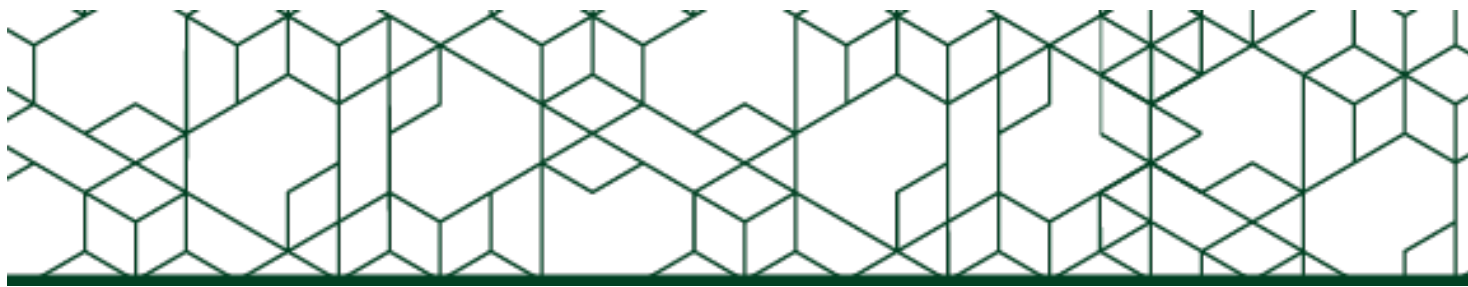
- 7:45 a.m. Check In**
Students will check in using their photo ID and secure their belongings.
- 8:00 a.m. Overview**
Instructors will provide a preview of the daily activities.
- 8:15 a.m. Chemistry and Physics Skills and Drills**
8:15 a.m. Practice Questions—students will complete a short set of practice questions focused on a skill or test trap
9:15 a.m. Instructional Review—students will review high-yield content related to the skills and/or test trap covered by the Practice Questions
- 10:00 a.m. Break**
- 10:10 a.m. Critical Analysis and Reasoning Skills Assessment**
10:10 a.m. Practice Questions—students will complete a short set of practice questions focused on a skill or test trap
11:10 a.m. Instructional Review—students will review high-yield content related to the skills and/or test trap covered by the Practice Questions
- 11:45 a.m. Lunch Break**
- 12:15 p.m. Biology and Biochemistry Assessment**
12:15 p.m. Practice Questions—students will complete a short set of practice questions focused on a skill or test trap
1:15 p.m. Instructional Review—students will review high-yield content related to the skills and/or test trap covered by the Practice Questions
- 1:45 p.m. Break**
- 2:00 p.m. Psychology and Behavior Assessment**
2:00 p.m. Practice Questions—students will complete a short set of practice questions focused on a skill or test trap
3:00 p.m. Instructional Review—students will review high-yield content related to the skills and/or test trap covered by the Practice Questions
- 3:35 p.m. Review**
Debrief and recap.



MCAT Accelerator @ Missouri S&T

Monday, July 27, 2026

- 7:45 a.m. Check In**
Students will check in using their photo ID and secure their belongings, similar to what occurs during the MCAT test.
- 8:00 a.m. Overview**
- 8:15 a.m. Chemistry and Physics Final Assessment**
Students will complete a skills assessment by completing an instructor-written, MCAT-style exam. Student performance will be compared to their performance on the first Assessment.
- 10:00 a.m. Break**
- 10:10 a.m. Critical Analysis and Reasoning Skills Final Assessment**
Students will complete a skills assessment by completing an instructor-written, MCAT-style exam. Student performance will be compared to their performance on the first Assessment.
- 11:45 a.m. Lunch Break**
- 12:15 p.m. Biology and Biochemistry Final Assessment**
Students will complete a skills assessment by completing an instructor-written, MCAT-style exam. Student performance will be compared to their performance on the first Assessment.
- 1:45 p.m. Break**
- 2:00 p.m. Psychology and Behavior Final Assessment**
Students will complete a skills assessment by completing an instructor-written, MCAT-style exam. Student performance will be compared to their performance on the first Assessment.
- 3:35 p.m. Review**
Debrief and recap.



MCAT Accelerator @ Missouri S&T

Tuesday, July 28, 2026

- 7:45 a.m. Check In**
Students will check in using their photo ID and secure their belongings, similar to what occurs during the MCAT test.
- 8:00 a.m. Overview**
- 8:15 a.m. Chemistry and Physics Review**
Students will receive scores from final assessment and determine any additional gaps in knowledge or skills.
- 10:00 a.m. Break**
- 10:10 a.m. Critical Analysis and Reasoning Skills Review**
Students will receive scores from final assessment and determine any additional gaps in knowledge or skills.
- 11:45 a.m. Lunch Break**
- 12:15 p.m. Biology and Biochemistry Review**
Students will receive scores from final assessment and determine any additional gaps in knowledge or skills.
- 1:45 p.m. Break**
- 2:00 p.m. Psychology and Behavior Review**
Students will receive scores from final assessment and determine any additional gaps in knowledge or skills.
- 3:35 p.m. Overall Review**
Debrief and recap. Students will be asked to complete a survey regarding the course content and instruction.