

# First Year & Sophomore Course Guide to the MCAT 2015

## (For students in Catalog Year 2018-2019 and beyond)

The MCAT 2015 is a scientific inquiry and critical analysis test with 4 sections and 7 skill areas. These sections are outlined below. In order to help students prepare for both the test sections and skill areas, we have developed the following guide outlining courses recommended to achieve competency.

Test Sections	Skill Areas	
	Set A	Set B
<b>Section 1-</b> Biological & Biochemical (Set A)	1. Knowledge of Scientific Principles	1. Foundations of Comprehension
<b>Section 2-</b> Chemical & Physical (Set A)	2. Scientific Reasoning and Problem Solving	2. Reasoning Within the Text
<b>Section 3-</b> Psychological, Social & Biological (Set A)	3. Reasoning about the Design & Execution of Research	3. Reasoning Beyond the Text
<b>Section 4-</b> Critical Analysis & Reasoning (Set B)	4. Data-based Statistical Reasoning	

### Pre-med students must complete the following lower level courses:

Lower Level Science Courses		Cr.	Category	Helps with the following test section/skill area(s)
CHM2045/L	General Chemistry I and Lab	4	Physical Science	Sections 1 & 2
CHM2046/L	General Chemistry II and Lab	4	Physical Science	Sections 1 & 2
CHM2210/L	Organic Chemistry I and Lab	5	Physical Science	Sections 1 & 2
CHM2211/L	Organic Chemistry II and Lab	5	Physical Science	Sections 1 & 2
BSC 2010/L	Biology I and Lab	4	Life Science	Sections 1, 2, & 3
BSC 2011/L	Biology II and Lab	4	Life Science	Sections 1, 2, & 3
PHY 2053/L	Physics I and Lab	4	Physical Science	Section 2
PHY 2054/L	Physics II and Lab	4	Physical Science	Section 2
MAC 1147	*Pre-Calculus	4	Mathematics	<i>Required to take PHY 2053/L</i>
STA 2023	Statistics	4	Quantitative Reasoning	Sections 1, 2, 3
PSY 2012	Intro to Psychology	3	Gen Ed. Core Social Sciences	Sections 3 & 4 Skills A, B
SYG 2000	Intro to Sociology	3	Gen Ed. Core Social Sciences	Sections 3 & 4
Humanities and Social Science Courses (multiple) <i>See additional Recommendations below</i>				Sections 3 & 4

Sections 3 & 4 cover the humanities and social sciences. Below are some Enhanced/Gen. Ed. Core courses that assist with meeting the Section 3 & 4 requirements.

Category	Course Number	Course Title	Cr	Helps with the following test section/skill area(s)
General Education Core Humanities, Gordon Rule <i>(courses satisfy — both requirements)</i>	LIT 2000	Intro to Literature	3	Section 4 & Skill B
	PHI 2010	Intro to Philosophy	3	Section 4 & Skill B
USFT Creative Thinking	ENG 4674	Film & Culture	3	Section 4
	SYD 3700	Race/Ethnic Relations	3	Section 4
	HSC 4631	Critical Issues in Public Health	3	Section 4
USFT Info & Data Literacy	ANT 3101 SYP 3000	Archaeology or Social Psychology	3	Section 4, Skill B
USFT Human/Cultural Diversity	ANT 2410	Cultural Anthropology or	3	Section 4
	AFA 2000	Intro to Black Experience	3	Section 4

# Junior & Senior Course Guide to the MCAT 2015 (For students in Catalog Year 2018-2019 and beyond)

The MCAT 2015 is a **scientific inquiry and critical analysis test** with 4 sections and 7 skill areas.

Test Sections	Skill Areas	
<b>Section 1-</b> Biological & Biochemical (Set A) <b>Section 2-</b> Chemical & Physical (Set A) <b>Section 3-</b> Psychological, Social & Biological (Set A) <b>Section 4-</b> Critical Analysis & Reasoning (Set B)	<b>Set A</b>	<b>Set B</b>
	1. Knowledge of Scientific Principles 2. Scientific Reasoning and Problem Solving 3. Reasoning about the Design & Execution of Research 4. Data-based Statistical Reasoning	1. Foundations of Comprehension 2. Reasoning Within the Text 3. Reasoning Beyond the Text

**Pre-med students must complete the following upper level courses:**

Upper Level Courses	Cr.	Category	Helps with the following test section/skill area(s)
BCH 3053	3	Upper Level science	Section 1 & 2
BCH 4033	3	Upper Level science	Section 1 & 2
PCB 3063	3	Upper Level science	Section 1 & 2
EGS 3011	3	3000/4000 level elective	Sections 1, 2, 3 & 4, Skills A & B
PSB 4004C	3	3000/4000 level elective	Section 3

\*requires PSY 3213 or STA 2023. Students with STA 2023 need to request a permit (<http://psychology.usf.edu/forms/CoursePermit/>) & indicate they are pre-med in the comments.

**Additional coursework is strongly recommended. Options are below:**

Upper Level Courses	Cr.	Category	Helps with the following test section/skill area(s)
PCB 3023	3	Upper Level science	Section 1 & 2
PCB 4744	3	Upper Level science	Section 1 & 2, Skills A
PCB 3712	3	Upper Level science	Section 1 & 2
PHZ 4702	4	Upper Level science	Section 1 & 2
PHZ 4703	4	Upper Level science	Section 1 & 2
ANT 4401	3	3000/4000 level elective	Section 4
GEY 4647	3	3000/4000 level elective	Section 4
ENC 3310	3	3000/4000 level elective	<i>Helps with personal statement</i>
ENC 3250	3	3000/4000 level elective	<i>Helps with personal statement</i>
GEY 4612	3	3000/4000 level elective	Sections 1, 2 & 4
ANT 3101	3	3000/4000 level elective	Section 4
HSC 4551	3	3000/4000 level elective	Sections 1, 2 & 3
HSC 4211	3	3000/4000 level elective	Sections 3 & 4
WST 3015	3	3000/4000 level elective	Section 4
IDS 4930	2	3000/4000 level elective	<i>Helps with application prep</i>
PHC 4101	3	3000/4000 level elective	Section 3 & 4
PHC 4942	3	3000/4000 level elective	Section 4, Skills A & B
GEO 4372	3	3000/4000 level elective	Section 4
SYP 3000	3	3000/4000 level elective	Section 3 & 4

**IMPORTANT: This sheet is meant to assist in course selection; however, all students should visit both their Health Professions Advisor and their Academic Advisor each semester for proper course scheduling.**