

## JOHNS HOPKINS' ODYSSEY PROGRAM MCAT REVIEW COURSE



Johns Hopkins is pleased to announce the University's **MCAT REVIEW COURSE**, which will be held in evening and Saturday sessions during January Intersession, 2019. This course is an essential alternative to a traditional commercial test preparation course and near half the price.

The course is offered by the Odyssey Program at Johns Hopkins, and was developed in close consultation with the Pre-Professional Advising Office. It offers an integrated, interdisciplinary approach to the MCAT, using materials created by veteran instructors, the AAMC, and Examcrackers.

The course is directed by Thomas Crain, Senior Lecturer at the Carey Business School who has directed MCAT courses for the Odyssey program for over a decade. Additional instructors include Dr. Richard Shingles, professor of biology at Johns Hopkins, Dr. Barbara Smith, former professor of psychology at both Johns Hopkins and Goucher College, and author of the book *The Psychology of Sex and Gender*, Dr. Reid Mumford, Physics & Astronomy at JHU, and Dr. Wendy Olson, Chemistry Dept., UMBC.

The course will provide thorough familiarity with the MCAT and its objectives; test-taking strategies and tips geared toward this 7.5-hour exam; ample practice with sample problem sets and comprehension passages, including the opportunity to take the official AAMC practice test in a computer lab environment.

*"It was a fantastic way to study for the MCAT, and I couldn't be happier with the results. I have yet to hear of another MCAT course that focuses on teaching the actual material and uses actual university professors."* – Billy Scola (2016 student)

The tuition is \$1,250. Students are responsible for acquiring ***The Complete Official MCAT® Prep Bundle*** ("Bundled" version includes the full official practice test and other materials) from [aamc.org](http://aamc.org) and the ***Examcrackers Complete MCAT Study Package*** (10th Ed.) from [examcrackers.com](http://examcrackers.com).

To register, or for more information, call 410-516-8516 or visit:  
[www.odyssey.jhu.edu](http://www.odyssey.jhu.edu)

# Johns Hopkins University

## 914.502.01 MCAT Review 2019

### Coordinator:

Thomas Crain, MA/ABD, Senior Lecturer, Johns Hopkins University

### Course Instructors:

Thomas Crain, MA/ABD, Johns Hopkins University

Richard Shingles, PhD, Johns Hopkins University

Barbara Smith, PhD, Johns Hopkins University

Wendy Olson, PhD, University of Maryland Baltimore County

Reid Mumford, PhD, Johns Hopkins University

### Textbooks and Resources:

AAMC (2014, November). *The Official Guide to the MCAT Exam bundled edition*. Washington, DC: Association of American Medical Colleges. [Available through the AAMC; includes practice tests and other materials]

Orsay, Jonathan (2016, June 15). *ExamCrackers: MCAT Complete Study Package*, 10th Edition. New Jersey: Osote Publishing, available from Examcrackers.com

### Course Description:

In April of 2015, the Association of American Medical Colleges (AAMC) launched a new version of the Medical College Admission Test (MCAT). This course is designed to prepare students for the new test. It offers students

- thorough familiarity with the new test and its objectives
- test-taking strategies & tips geared toward this 7.5-hour exam
- an explanation and application of the MCAT's ten foundational concepts
- a review of relevant topics in chemistry, biology, physics, and social science
- application of the tools and skills of scientific research and verbal reasoning
- ample practice with sample problem sets and comprehension passages, including one, official, full-length practice test (AAMC).

The course was developed in cooperation with the Johns Hopkins University of Pre-Professional Advising and offers an integrated, interdisciplinary approach to the MCAT, using materials created by veteran instructors, the AAMC, and ExamCrackers.

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**Class Schedule (January, 2019)**

*Weekday evening sessions will be 6-9 p.m. Saturday sessions as indicated.*

EKRS = *Exam Crackers, Reasoning Skills*

EKP = *Exam Crackers, Physics*

EKC = *Exam Crackers, Chemistry*

EKB1 = *Exam Crackers Biology 1*

EKB2 = *Exam Crackers, Biology 2*

EKPS = *Exam Crackers, Psychology & Sociology*

Guide = *Official Guide to the MCAT Exam (Exam 2015)*

<u>Date</u>	<u>Topic</u>	<u>Instructor(s)</u>	<u>Suggested Reading</u>
Thurs., Jan. 3	Introduction, CARS	T. Crain	Guide, ch. 1 & 3
Fri., Jan. 4	Critical analysis/reason	T. Crain	Guide; ch. 5 & 13; EKRS, Lec. ½
Sat., Jan. 5	Diagnostic	T. Crain	<b>10 a.m. – 1:15 p.m.</b>
Mon., Jan. 7	Chemical F: Biochem	R. Shingles	Guide, ch. 10; EKC, EKB1
Tues., Jan. 8	Chemical F: Biochem	R. Shingles	EKC, EKB1 (TBA)
Wed., Jan. 9	Biological Foundations	R. Shingles	EKB1, EKB2 (TBA)
Thurs., Jan. 10	Biological Foundations	R. Shingles	EKB1, EKB2 (TBA)
Fri., Jan. 11	Biological Foundations	R. Shingles	EKB1, EKB2 (TBA)
Sat., Jan. 12	Psyc & Soc, Statistics	B. Smith	TBA <b>10 a.m. – 1 p.m.</b>
Mon., Jan. 14	Psyc & Soc Foundations	B. Smith	EKPS (TBA)
Tues., Jan. 15	Psyc & Soc Foundations	B. Smith	EKPS (TBA)
Wed., Jan. 16	Psyc & Soc Foundations	B. Smith	EKPS (TBA)
Thurs., Jan. 17	Math/Phys Foundations	R. Mumford	<b>DAYTIME 1:30-4:30 p.m. tent.</b>
Thurs., Jan. 17	Math/Phys Foundations	R. Mumford	EKP, Lec. 1; Guide, ch. 11
Fri., Jan. 18	Math/Phys Foundations	R. Mumford	EKP, Lec. 2 & 3
Sat., Jan. 19	Physical Foundations	R. Mumford	<b>10 a.m.-1 p.m.</b> EKP, Lec. 3 & 4
Mon., Jan. 21	Chemical F: General	W. Olson	Guide, ch. 11; EKC Lec. 1, 2.1-4
Tues., Jan. 22	Chemical F: General	W. Olson	EKC Lec. 2 & 3
Wed., Jan. 23	Chemical F: Organic	W. Olson	EKC, Lec. 4 & 5.1-5.4
Thurs., Jan. 24	Chemical F: Organic	W. Olson	EKC, Lec. 5 & 6
Fri., Jan. 25	Chemical F: Organic	W. Olson	EKC, Lec. 7
Sat., Jan. 26	Practice Test	T. Crain	<b>9 a.m.-4:30 p.m.</b>
Mon., Jan. 28	Critical analysis/reason	T. Crain	Guide, ch. 6 & 8; EDRS, Lec. 3/4
Tues., Jan. 29	Wrap up	T. Crain	