

# DAT Course by MCAT KING

Fall 2022

## Instructor Information

### Instructors

Prof. Noble Zaghi | Sciences  
Prof. Or Moss | Verbal  
Elisha Ishaal | Math

### Email

[Zaghi@mcating.com](mailto:Zaghi@mcating.com)  
[Or@mcating.com](mailto:Or@mcating.com)  
[Elisha@mcating.com](mailto:Elisha@mcating.com)

### Location

Noble Academy Center  
MCAT KING  
345 East 37<sup>th</sup> street 316  
Manhattan NY 10016

## General Information

### Description

The DAT course starts the first week of October and ends in January. Students are provided intensive supplemental instruction in the key content areas of general and organic chemistry, mathematics, verbal and reading comprehension as well as exam strategy and study skills.

### Time & Schedule

The class is available both online and In-person in our main NYC office. You'll receive a calendar invite with more information on how to attend your sessions.

Start date: Sunday, Oct 2nd at 2 pm.

The course meeting schedule:

- Sundays from 2 p.m. to 5 p.m.
- Thursdays from 5:30 p.m. to 8:30 p.m.

The full course syllabus can be found below.

## Course Materials

You do not need to bring any of the books with you to the sessions. **You only need a notebook for the classes.**

### Required Text

Purchase the following 2 textbook from Amazon or Barnes & Nobles.

### New editions will be released Sept 25

1. **DAT Biology 1 | Cell Biology by MCAT KING**
2. **DAT Biology 2 | Systems by MCAT KING**

## Course Schedule

Course ID	Course Name	Instructor			
Gen Chem	Study Plan & Atoms	Prof. Zaghi	In person Or online	Starting Oct/6/2022	Sunday
Gen Chem	Atom II - Equilibrium	Prof. Zaghi			Thursday
Gen Chem	ACID BASE I {TYPES & Intro to Orgo}	Prof. Zaghi			Sunday
orgo	ACID BASE II {WA - WB}	Prof. Zaghi			Thursday
Gen Chem	ACID BASE III SALT	Prof. Zaghi			Sunday
Gen Chem	ACID BASE IV - Buffers	Prof. Zaghi			Thursday
Gen Chem	Titration & Solubility Ksp	Prof. Zaghi			Sunday
Gen Chem	Gases	Prof. Zaghi			Thursday
Gen Chem	Kinetics - Sn1 vs Sn2	Prof. Zaghi			Thursday
Gen Chem	Kinetics II E1 & E2	Prof. Zaghi			Thursday
Gen Chem	REDOX I	Prof. Zaghi			Thursday
Gen Chem	REDOX II	Prof. Zaghi			Thursday
Gen Chem	Nuclear Chem   Q&A on Stoichiometry	Prof. Zaghi			Thursday
Orgo	Addition Reactions	Prof. Zaghi			Thursday
Orgo	Aromatics and Bonding	Prof. Zaghi			Thursday
Orgo	ketones 1	Prof. Zaghi			Thursday
Orgo	ketones 2	Prof. Zaghi			Thursday
Orgo	ketones 3	Prof. Zaghi			Thursday
Orgo	Ether and Alcohols	Prof. Zaghi			Thursday
Reading comprehension	VERBAL # 1	Prof. Moss	Zoom Session	Starting Nov 20/2022	Sunday 2-4 pm
Reading comprehension	VERBAL # 2	Prof. Moss	Zoom Session		Sunday at 2pm
Reading comprehension	VERBAL # 3	Prof. Moss	Zoom Session		Sunday at 2pm
Reading comprehension	VERBAL # 4	Prof. Moss	Zoom Session		Sunday at 2pm

Reading comprehension	VERBAL # 5	Prof. Moss	Zoom Session	Sunday at 2pm
Math	Quantitative Reasoning # 1	Elisha Ishaal	Starting Dec/18/2022	Sunday
Math	Quantitative Reasoning # 2	Elisha Ishaal		Sunday
Math	Quantitative Reasoning # 3	Elisha Ishaal		Sunday
Math	Quantitative Reasoning # 4	Elisha Ishaal		Sunday
Math	Quantitative Reasoning # 5	Elisha Ishaal		Sunday

### Additional Information and Resources

DAT ADMINISTRATION SCHEDULE	
Optional Tutorial	15 minutes
<b>Survey of Natural Sciences</b>	<b>90 minutes</b>
<b>Perceptual Ability Test</b>	<b>60 minutes</b>
Scheduled Break (optional)	30 minutes
<b>Reading Comprehension Test</b>	<b>60 minutes</b>
<b>Quantitative Reasoning Test</b>	<b>45 minutes</b>
Optional Post Test Survey	15 minutes
<b>Total Time</b>	<b>5 hours 15 minutes</b>