



Oxford
Scholastica
ACADEMY



EXPERIENCE MEDICINE ACADEMY



READING LIST

WELCOME

to the Oxford Scholastica

Experience Medicine Academy!

We're all looking forward to meeting you and delving into the world of medicine together!

Preparing for your classes

Many of our students ask us how they can make the most out of their courses by doing some pre-course preparation, so we've given you some ideas here. Don't worry though – we don't expect you to do all this! We know how busy you are, and the preparation is optional. But if you'd like to make a head start, here are our suggestions...



Activities to do

Make notes about an area of medicine you are particularly interested in, explaining what makes this interesting to focus on. We'll share everyone's thoughts in the first class.

Feel free to write any thoughts down about any of the resources you read or watch, we'd love to hear what you think about them!

RESOURCES TO EXPLORE

If you would like to get to grips with some of the topics we will be covering during the Academy, the following links will be of interest.

1. You may have studied these systems at school, but it is helpful to refresh your memory before the summer school. Follow the links below to learn more about the cardiovascular, nervous, respiratory or digestive system!

<https://www.bbc.co.uk/bitesize/guides/z9n6sg8/revision/1>

<https://www.bbc.co.uk/bitesize/guides/zprxy4j/revision/1>

<https://www.bbc.co.uk/bitesize/guides/ztkr82p/revision/1>

<https://www.bbc.co.uk/bitesize/articles/z8bntrd>

2. Medical ethics are a hugely important and interesting area for doctors to explore. Read this article to understand the basic principles of biomedical ethics.

<https://patient.info/doctor/medical-ethics#principles-of-biomedical-ethics>



3. If you can, try to find *Complications* by Atul Gawande. This is a really interesting account of training to be a surgeon in the US. The author studied at Oxford University as a Rhodes Scholar.

<https://www.amazon.co.uk/Complications-Surgeons-Notes-Imperfect-Science/dp/0312421702>



RESOURCES TO EXPLORE

If you prefer to watch or listen to resources, here are some more ideas!

4. Listen to medical science researchers from the University of Oxford explaining the basics of human biology, or discussing how drugs are discovered.

<https://www.podcasts.ox.ac.uk/part-1-building-blocks-life>

<https://www.podcasts.ox.ac.uk/part-4-new-age-drug-discovery>

5. If you're more of a film fan, we recommend 'Awakenings' starring Robert de Niro. This life-affirming movie is based on the book of the same name by the late, great neurologist Oliver Sacks, and describes the true story of an amazing new drug which transformed the lives of countless patients in the US and further afield.

<https://www.amazon.co.uk/Awakenings-Max-Von-Sydow/dp/B00FYNWEXY>

6. Medicine can play an incredibly influential part in social justice. Watch this YouTube video to find out more!

<https://www.youtube.com/watch?v=7bGS6xaX7m4>

TED Talks have a massive range of inspiring and thought-provoking videos - here are some of our favourites!

- https://www.ted.com/talks/ben_goldacre_battling_bad_science?language=en
- https://www.ted.com/talks/atul_gawande_how_do_we_heal_medicine?language=en
- https://www.ted.com/talks/abraham_verghese_a_doctor_s_touch?language=en
- https://www.ted.com/talks/dan_gilbert_the_surprising_science_of_happiness?language=en
- https://www.ted.com/talks/anthony_atala_printing_a_human_kidney?language=en
- https://www.ted.com/talks/tal_golesworthy_how_i_repaired_my_own_heart?language=en
- https://www.ted.com/talks/joshua_foer_feats_of_memory_anyone_can_do?language=en



If you'd like any more resources, please feel free to ask us!

To explore a full course outline of what you will be studying, please see here.

<https://www.oxfordscholastica.com/oxford-summer-courses/medicine-summer-school/experience/#outline>

We hope you're as excited as we are to start the course and join us in Oxford!

