

**Experience Medicine Academy Course Outline**

Class	Class Content and Lesson Objectives
<p align="center"><b>1</b></p>	<p><b>Introduction to the course</b> <i>Students will be able to:</i></p> <ul style="list-style-type: none"> <li>● Get to know each other and understand what to expect from the course curriculum</li> <li>● Set norms and values for the course</li> <li>● Understand their overall task for the course</li> </ul> <p><b>Discover cardiology</b> <i>Students will be able to:</i></p> <ul style="list-style-type: none"> <li>● Explain the workings of the heart and how the circulatory system works</li> <li>● Examine the cardiovascular system and measure pulse and blood pressure</li> <li>● Recognise common and/or interesting conditions affecting the cardiovascular system and consider how these might be treated</li> </ul>
<p align="center"><b>2</b></p>	<p><b>Explore Respiratory Medicine</b> <i>Students will be able to:</i></p> <ul style="list-style-type: none"> <li>● Outline the anatomy of the lungs and the function of breathing</li> <li>● Examine the respiratory system</li> <li>● Recognise common and/or interesting conditions affecting the respiratory system and consider how these might be treated</li> </ul>
<p align="center"><b>3</b></p>	<p><b>Abdominal Medicine and Surgery</b> <i>Students will be able to:</i></p> <ul style="list-style-type: none"> <li>● Outline the anatomy of the abdomen</li> <li>● Examine the abdomen</li> <li>● Recognise common and/or interesting conditions affecting the abdomen system and consider how these might be treated</li> </ul>
<p align="center"><b>4</b></p>	<p><b>Learn Clinical Skills</b> <i>Students will be able to:</i></p> <ul style="list-style-type: none"> <li>● Discover how to administer injections, examine the retina, work out doses of medicine, test the biochemistry of urine – and more</li> </ul>
<p align="center"><b>5</b></p>	<p><b>The Brain, Mind and Nervous System</b> <i>Students will be able to:</i></p> <ul style="list-style-type: none"> <li>● Outline common mental illnesses (depression, psychosis, schizophrenia, mania, drug abuse, dementia, anorexia nervosa, autism, brain tumour presenting with depression)</li> <li>● Devise biological, psychological and social management plans for mentally ill patients</li> <li>● Assess cognitive function</li> </ul>
<p align="center"><b>6</b></p>	<p><b>Explore Emergency Medicine and Trauma</b> <i>Students will be able to:</i></p> <ul style="list-style-type: none"> <li>● Learn how to manage medical emergencies, including doing cardio-pulmonary resuscitations and reading X-rays</li> </ul>

7	<p><b>Debate Medical Ethics</b>  <i>Students will be able to:</i></p> <ul style="list-style-type: none"> <li>● Grapple with contemporary ethical dilemmas and debate the moral reasoning behind real patient scenarios</li> </ul>
8	<p><b>The Future of Medicine</b>  <i>Students will be able to:</i></p> <ul style="list-style-type: none"> <li>● Research a developing topic in medical sciences</li> <li>● Think about the impact of AI and new technologies on the future of Medicine</li> <li>● Present findings to peers</li> </ul>
X	<p><b>Class X:</b></p> <p>The final class is based on the tutor's personal expertise in the field, focusing on cutting-edge research that they're passionate about.</p>
	<p><b>Challenge</b></p> <p>Students will be given the chance to put their skills to the test during our Mock Clinic Challenge at the John Radcliffe Hospital (subject to availability)..</p> <p><i>Students will be able to:</i></p> <ul style="list-style-type: none"> <li>● Meet real patients with a variety of chronic medical conditions, and speak to them about their symptoms.</li> <li>● Apply what they've learned in their classes and, using their resourcefulness and knowledge, present a patient to the Doctor.</li> <li>● Discuss with the Doctor how the patient's care can be improved</li> </ul>

*Please note, this course outline may be subject to change*