

**University of Baghdad / College of Science/ Department of Astronomy and Space**

**Competitive Examination Materials of Postgraduate candidates / 2024 – 2025**

<b>Degree</b>	<b>Specialization</b>	<b>Competitive examination materials</b>
MSc	Astronomy	<ol style="list-style-type: none"><li>1. Optics</li><li>2. Physics of Atmosphere</li><li>3. Wave Physics</li><li>4. Radio Astronomy</li><li>5. Galaxies</li><li>6. Satellites</li><li>7. Digital Image Processing</li><li>8. Fundamentals of Astronomy</li><li>9. Celestial Mechanics</li><li>10. Atomic Physics</li></ol>
PhD	Astronomy	<ol style="list-style-type: none"><li>1. Cosmic Plasma</li><li>2. Galaxy and Cosmology</li><li>3. Advanced Spectroscopy</li><li>4. Stellar Dynamics</li><li>5. Advanced Astronomy</li><li>6. Optical and Non-Optical Astronomy</li><li>7. Space Physics Communication</li><li>8. Advanced Stellar Physics</li><li>9. Ionosphere and Magnetosphere</li></ol>