**Application for admission to**

**MSc in Astrophysics (2023 Entry)**

This form relates only to the **MSc in Astrophysics**, and its completion replaces the requirement for a cover letter and CV. However, prospective students still need to complete the University's online form found in the University’s Postgraduate on-line application portal (<http://www.st-andrews.ac.uk/admissions/pg/apply/taught/apply/>).

Note that some of the answers are length-limited. If this is so, the **maximum number of** **characters** (not words) will be shown in boldface immediately below the question.

***Section 1: About you and your background***

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| **1.1 Name** |       |
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| **1.2 Current occupation** |  |
| **1.3 Education pre-university** List schools attended, dates, qualifications obtained, marks gained. |
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| **1.4 Undergraduate degree**List universities attended, dates, qualifications obtained, marks gained. In addition, please provide us with any available supporting documents (e.g. course list, grade transcripts). |
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**1.5 Postgraduate degree (if any)**List universities attended, dates, qualifications obtained, marks gained. In addition, please provide us with any available supporting documents. |
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***Section 2: About your skills and experience***

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| **2.1 Do you have previous scientific experience?**Briefly list any projects you have participated in, the scientist who supervised your work, and the main skills you have acquired.  |
| (max **500 characters**)       |
| **2.2 What are your physics and numeracy skills?** Briefly list your qualifications and experience with physics, mathematics and statistics. |
| (max **500 characters**)       |
| **2.3 What are your IT skills?** List the software packages and programming languages that you are fluent in. Highlight skills in analysis and programming. |
| (max **500 characters**)       |
| **2.4 Briefly outline your past employment history (if any).** List employers, years and your role. |
| (max **500 characters**)       |
| **2.5 Have you participated in a peer-reviewed publication?** If so, list the papers and state your contribution to them. |
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| **2.6 Have you presented your work in public?** If so, list the talks and venues (e.g. talk title, conference theme, date and place)

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**2.7 Have you been involved in public engagement activities, such as science fairs or Open Days?** If so, give relevant details here (e.g. activity, contribution, intended audience)

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**2.8 Have you written a research thesis as part of your past studies?** If so, at what level? Briefly describe the work and your results.

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***Section 3: Your proficiency in the use of English***

**3.1 Please detail your experience using scientific English, e.g. during your undergraduate studies or in a professional context?**

(max **500 characters**)

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| **4.2 If you are not a native English speaker, what is your highest qualification in the English language (TOEFL, IELTS, Other), and what score did you attain? If you are still expecting test results, when will they be available?** |
| (max **100 characters**)       |

***Section 4: About you and your aspirations***

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| **4.1 Why are you interested in Astrophysics?**(max **500 characters**)      **4.2 This MSc aims to provide professional training. Explain how your character, knowledge and skills will help to make you a good MSc student and a good scientist.**  |

(max **500 characters**)

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| **4.3 What are the main challenges we face, in current astrophysical research?** |

(max **500 characters**)

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| **4.4 Are you interested more in scientific research or in programming/data science? Why?** |

(max **500**)

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| **4.5 What would you like to do immediately after the MSc?** |
| (max **200 characters**)      |

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| **4.6 What would you like to be doing in 10 years' time?** |
| (max **200 characters**)      |

***Section 5: About you and the course***

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| **5.1 Why do you think this will be a good course for you to take at this point in your career?** |
| (max **200 characters**)      |

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| **5.2 How will the course help you, in achieving your longer-term ambitions?** |
| (max **200 characters**)      |

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| **5.3 Do you have any ideas for your summer research project e.g. preferences for a particular research area or supervisor?**  |
| (max **200 characters**)      |