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## Human Resources

## Recruitment Handbook

**SELECTION CRITERIA**

Use this form to define the selection criteria for an academic position at the University of Adelaide.

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| **POSITION DETAILS** |  |
| **School/Branch:** | Physics, Chemistry and Earth Sciences |
| **Classification** | Level A |

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| **ESSENTIAL MINIMUM CRITERIA** |
| 1. A PhD, or equivalent higher degree awarded or equivalent research experience in the areas of experimental astrophysics or experimental physics  2. A commitment to develop an innovative research programme in high energy neutrino astrophysics with the IceCube Neutrino Observatory  3. Advanced computational skills, including demonstrated ability to develop computer codes for the simulation and analysis of data from astrophysics and/or physics experiments  4. A willingness to travel for conferences, meetings and longer collaborative visits to international institutions in the IceCube Collaboration  5. A desire and ability to co-supervise, motivate, and mentor research students at undergraduate and PhD level  6. An ability to work in close collaboration with others  7. Excellent written and verbal communication skills  8. A commitment to the principles of equity, diversity and inclusion, and ability to contribute to the  diversity of the School community |

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| **DESIRED CHARACTERISTICS** |
| 1. Previous experience with any of the IceCube data processing, simulation, reconstruction or analysis software would be advantageous. |

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| **APPROVALS – HEAD OF SCHOOL/BRANCH MANAGER** |
| Head of School / Branch Manager  Name:…………………………………………………..Signature:………………………………………………. Date:……………………………….. |

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| **ACKNOWLEDGEMENT OF INCUMBENT** |
| I have read and understood the requirements of the position  Name:*(please print)………………………………………….*Signature:………………………………………….Date:……………………………….. |