

SELECTION CRITERIA



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

| POSITION DETAILS | |
|-----------------------|-------------------------------|
| School/Branch: | School of Biological Sciences |
| Classification | Level A |

| ESSENTIAL MINIMUM CRITERIA |
|---|
| <ol style="list-style-type: none"> 1. PhD in Bioinformatics, Computer Science, Genetics, Statistics or other relevant discipline 2. Demonstrated experience in statistical analysis and design 3. Prior experience working in a high performance computing environment 4. Programming skills in one or several of the following: Python, R, C/C++, Perl, SQL, Go, Java 5. Prior experience working in genomics/next-generation sequencing (NGS) applications 6. Demonstrated experience in the downstream and integrative analysis of omics data (e.g. pathway, network analyses) 7. Demonstrated problem solving and communication skills 8. Demonstrated ability to collaborate with researchers and graduate students in a consulting setting, and to contribute to the development and delivery of training 9. Must be highly collaborative, be a strong team player and be able to manage multiple ongoing projects |

| DESIRED CHARACTERISTICS |
|---|
| <ol style="list-style-type: none"> 1. Prior experience with management of automated data workflows 2. Relational database administration, i.e. SQL 3. Experience in the supervision of postgraduate students 4. A strong track record in bioinformatics as evidenced by prior publications in high impact journals in the field |

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

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

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|----------------------|---|-----------------|-------------|-------------|
| Recruitment Handbook | Recruitment Procedure | Effective Date: | 11 May 2016 | Version 2.3 |
| Authorised by | COO and Vice-President (Services and Resources) | Review Date: | 11 May 2019 | Page 1 of 2 |
| Warning | This process is uncontrolled when printed. The current version of this document is available on the HR Website. | | | |

SELECTION CRITERIA



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| POSITION DETAILS | |
|------------------|-------------------------------|
| School/Branch: | School of Biological Sciences |
| Classification | Level B |

| ESSENTIAL MINIMUM CRITERIA |
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| <ol style="list-style-type: none"> 1. PhD in Bioinformatics, Computer Science, Genetics, Statistics or other relevant discipline 2. Demonstrated experience in statistical analysis and design 3. Prior experience working in a high performance computing environment 4. Programming skills in one or several of the following: Python, R, C/C++, Perl, SQL, Go, Java 5. Prior experience working in genomics/next-generation sequencing (NGS) applications 6. Demonstrated experience in the downstream and integrative analysis of omics data (e.g. pathway, network analyses) 7. Demonstrated problem solving and communication skills 8. Demonstrated ability to collaborate with researchers and graduate students in a consulting setting, and to contribute to the development and delivery of training 9. Must be highly collaborative, be a strong team player and be able to manage multiple ongoing projects 10. Experience in the supervision of postgraduate students 11. A strong track record in bioinformatics as evidenced by prior publications in high impact journals in the field |

| DESIRED CHARACTERISTICS |
|--|
| <ol style="list-style-type: none"> 1. Relational database administration, i.e. SQL 2. Prior experience with management of automated data workflows |

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

| ACKNOWLEDGEMENT OF INCUMBENT |
|---|
| I have read and understood the requirements of the position |
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