

PROGRAMME OFFERING DOCUMENTS

REQUIRED Marked YES (Y)

A hyperlinked [Y](#) signifies a downloadable document.

Programmes displayed in italics are offered across two faculties. This implies that the programme will reside within the Faculty of Science, but hosted by an associated department within another faculty.

| Confirmation of employment and worksite access | Comprehensive Curriculum Vitae (CV) | Confirmation of Prospective Supervisor | Departmental form | Evidence of written academic work | Final school-leaving results | Honours research project | Letter of motivation | Portfolio | Proof of professional registration with an entity | Research proposal | Statement of research interest | Summary of Master's research |
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[Click here to download the supporting documents glossary for clarification of what each document entails.](#)

HONOURS PROGRAMMES

Bachelor of Science Honours (BScHons)

| | | | | | | | | | | | | |
|--|--|---|--|--|--|--|---|--|--|--|--|--|
| Applied Mathematics | | | | | | | | | | | | |
| Biochemistry | | | | | | | | | | | | |
| Biodiversity and Ecology | | | | | | | | | | | | |
| Bioinformatics and Computational Biology | | | | | | | | | | | | |
| Chemistry | | | | | | | | | | | | |
| Computer Science | | | | | | | | | | | | |
| Earth Sciences | | | | | | | | | | | | |
| <i>Genetics</i> | | | | | | | | | | | | |
| <i>Geoinformatics</i> | | | | | | | | | | | | |
| Mathematics | | | | | | | | | | | | |
| Microbiology | | | | | | | | | | | | |
| <i>Operations Research</i> | | Y | | | | | Y | | | | | |
| Physics | | | | | | | | | | | | |
| Physiological Sciences | | | | | | | | | | | | |
| <i>Plant Biotechnology</i> | | | | | | | | | | | | |
| Polymer Science | | | | | | | | | | | | |
| <i>Wine Biotechnology</i> | | | | | | | Y | | | | | |

MASTER'S PROGRAMMES

MASTER'S PROGRAMMES BY COURSEWORK (includes a minor research component)

Master of Science (MSc)

| | | | | | | | | | | | | |
|--|--|---|--|--|--|--|---|--|--|--|---|--|
| Machine Learning and Artificial Intelligence | | Y | | | | | Y | | | | Y | |
| Mathematical Sciences | | | | | | | | | | | | |
| <i>Operations Research</i> | | Y | | | | | Y | | | | | |

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| MASTER'S PROGRAMMES BY RESEARCH | | | | | | | | | | | | | |
| Master of Science (MSc) | | | | | | | | | | | | | |
| Applied Mathematics* | | Y | Y | | | | | Y | | | | Y | |
| Biochemistry* | | | Y | | | | | | | | | Y | |
| Bioinformatics and Computational Biology* | | | Y | | | | | | | | | Y | |
| Botany* | | | Y | | | | | | | | | Y | |
| Chemistry* | | | Y | | | | | | | | | Y | |
| Computer Science* | | | | | | | | | | | | Y | |
| Earth Sciences* | | | Y | | | | | | | | | Y | |
| Genetics* | | | Y | | | | | | | | | | |
| Geography and Environmental Studies* | | | | | | | | Y | | | | Y | |
| Geoinformatics* | | | | | | | | Y | | | | Y | |
| Mathematics* | | | Y | | | | | | | | | Y | |
| Microbiology* | | | Y | | | | | | | | | Y | |
| Operations Research* | | Y | | | | | | Y | | | | | |
| Physical and Mathematical Analysis | | | Y | | | | | | | | | Y | |
| Physics* | | | Y | | | | | | | | | Y | |
| Physiological Sciences* | | | Y | | | | | | | | | Y | |
| Plant Biotechnology* | | | | | | | | | | | | | |
| Polymer Science* | | | Y | | | | | | | | | Y | |
| Zoology* | | | Y | | | | | | | | | Y | |

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DOCTORAL PROGRAMMES

| Doctor of Philosophy (PhD) | | | | | | | | | | | | | |
|---|--|---|---|--|---|--|--|---|--|--|--|---|---|
| Applied Mathematics* | | Y | Y | | | | | Y | | | | Y | |
| Biochemistry* | | | Y | | | | | | | | | Y | |
| Bioinformatics and Computational Biology* | | | Y | | | | | | | | | Y | |
| Botany* | | | Y | | | | | | | | | Y | |
| Chemistry* | | | Y | | | | | | | | | Y | |
| Computer Science* | | | | | | | | | | | | Y | |
| Earth Sciences* | | | Y | | | | | | | | | Y | |
| <i>Geography and Environmental Studies*</i> | | | | | Y | | | Y | | | | Y | Y |
| <i>Geoinformatics*</i> | | | | | Y | | | Y | | | | Y | Y |
| Mathematics* | | | Y | | | | | | | | | Y | |
| Microbiology* | | | Y | | | | | | | | | Y | |
| Physical and Mathematical Analysis* | | | Y | | | | | | | | | Y | |
| Physics* | | | Y | | | | | | | | | Y | |
| Physiological Sciences* | | | Y | | | | | | | | | Y | |
| <i>Plant Biotechnology*</i> | | Y | Y | | | | | | | | | Y | Y |
| Polymer Science* | | | Y | | | | | | | | | Y | |
| Zoology* | | | Y | | | | | | | | | Y | |

* Applicants must consult a prospective academic supervisor who is active in their field of research interest prior to submitting a formal application to SU