

Master of Geostatistics

1 Duration of program

Except with the permission of the Faculty, the Master of Geostatistics shall be completed in a minimum of three semesters or a maximum of twelve semesters

2 Admission

2.1 Except as provided for in 2.2 below, an applicant for admission to the program of study for the Master of Geostatistics shall have qualified for a Bachelor degree with Honours from the University of Adelaide, in a discipline related to the proposed field of study, or a degree of another institution accepted for the purpose by the Faculty as equivalent.

2.2 The Faculty may, in exceptional circumstances and subject to such conditions (if any) as it may see fit to impose in each case, accept as a candidate for the Master of Geostatistics, a person who does not qualify for admission under rule 2.1 above, but has given evidence satisfactory to the Faculty of fitness to undertake work for the degree.

2.3 Status, credit and exemption

a A candidate may not present for credit towards the degree any course which has been presented for any other award of this University or other institution, or which in the opinion of the Faculty is substantially similar to such course.

b A candidate who has passed courses in this or other educational institutions and who has not presented these courses towards an award may, on written application to the Faculty, be granted such exemption from the requirements of these Rules as the Faculty shall determine. Status may be granted for a maximum of 9 units under Clause 4.2 of the Academic Program Rules.

3 Assessment and examinations

3.1 There shall be four classifications of pass in any course for the Master Geostatistics: Pass with High Distinction, Pass with Distinction, Pass with Credit, and Pass.

3.2 A candidate shall not be eligible to attend for examination unless any prescribed coursework has been completed to the satisfaction of the teaching staff concerned.

3.3 A candidate who fails in a course and desires to take the course again shall again attend the course and satisfactorily do such written and practical work as the teaching staff concerned may prescribe, unless specifically exempted therefrom after written application to the Faculty for such exemption.

3.4 A candidate who has twice failed any course may not enrol for that course again except by special permission of the Faculty and then only under such conditions as may be prescribed.

3.5 For the purpose of this Rule, a candidate who is refused permission to sit for the assessment for a given course, or who without a reason accepted by the Faculty fails to attend all or part of the assessment, shall be deemed to have failed that course.

4 Qualification requirements

4.1 To qualify for the Master of Geostatistics, a candidate shall satisfactorily complete courses to the value of 36 units including:

a core courses to the value of 24 units taken from 4.2.1 and 4.2.2

b supervised project work and seminar presentation to the value of 12 units from 4.2.3 Candidates must have their program of studies approved by the Postgraduate Coordinator or nominee at enrolment.

4.2 Academic program

4.2.1 Prerequisite course

C&ENVENG 7043 Introduction to Geostatistics* 3

4.2.2 Core courses

C&ENVENG 7056 Linear Geostatistics⁺ 3

STATS 7061 Statistical Analysis⁺ 3

C&ENVENG 7053 Non-linear Geostatistics 3

C&ENVENG 7052 Geostatistical Simulation..... 3

C&ENVENG 7063 Computing for Geostatistics 3

C&ENVENG 7064 Non-Stationarity, Selection & Recoverability..... 3

STATS 7062 Multivariate Geostatistics..... 3

*C&ENVENG 7043 Introduction to Geostatistics is a prerequisite for all other courses in this program.

⁺C&ENVENG 7056 and STATS 7061 must be completed after C&ENVENG 7043 and before other courses

4.2.3 Project

A candidate shall undertake and complete satisfactorily a Project under the guidance of a supervisor, and provide a public seminar and written dissertation on the investigation.

C&ENVENG 7051 Geostatistics—Project & Thesis (Full-time)..... 12

or

C&ENVENG 7060A/B Geostatistics—Project & Thesis (Part-time) 12

4.2.4 The availability of courses is conditional on the availability of staff and facilities and sufficient enrolments.

4.3 Unacceptable combination of courses

No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.4 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.