

Master of GIS and Remote Sensing Articulated Set

includes:

Master of GIS and Remote Sensing

Graduate Diploma of GIS and Remote Sensing *[Exit Point Only]*

Graduate Certificate in GIS and Remote Sensing *[Exit Point Only]*

The Master of GIS and Remote Sensing course contains a high level of technological content designed to furnish research and practice in a variety of industries. The course allows graduates to build their knowledge and practical expertise in GIS and RS technology and applications to a high level of expertise with independent study and project experience at the Master level. Students develop a capacity for independent research, problem analysis and solution. Graduates develop their knowledge and understanding through formal coursework and a program of independent reading. Their research, analytical and problem-solving skills will be developed through analysis and the completion of a research project or a literature review. There is a practical component associated with this course.

The course includes the following awards:

Graduate Certificate in GIS and Remote Sensing *GradCertGIS&RemoteSens*

Graduate Diploma of GIS and Remote Sensing *GradDipGIS&RemoteSens*

Master of GIS and Remote Sensing *MGIS&RemoteSens*

Course Study Modes and Locations

Master of GIS and Remote Sensing (4708GI)

Distance Education - Wagga Wagga

Availability is subject to change, please verify prior to enrolment.

Normal course duration

Master of GIS and Remote Sensing

Full-time 1.5 years (3.0 sessions)

Where students have completed the Graduate Diploma of GIS and Remote Sensing the actual duration will be 0.5 EFTY

Graduate Diploma of GIS and Remote Sensing *[Exit Point Only]*

Full-time 1.0 years (2.0 sessions)

If students have completed the Graduate Certificate in GIS and Remote Sensing the actual duration is 0.5 EFTY

Graduate Certificate in GIS and Remote Sensing *[Exit Point Only]*

Full-time 0.5 years (1.0 sessions)

Normal course duration is the effective period of time taken to complete a course when studied Full-time (Full-time Equivalent: FTE). Students are advised to consult the Enrolment Pattern for the actual length of study. Not all courses are offered in Full-time mode.

Admission criteria

[CSU Admission Policy](#)

Master of GIS and Remote Sensing

Applicants would normally hold a three year Degree or equivalent in a relevant discipline or have extensive relevant industry experience to the satisfaction of the course director. Students wishing to apply for admission based on relevant industry experience should discuss requirements with the course director prior to applying.

Credit

[CSU Credit Policy](#)

Master of GIS and Remote Sensing

Students who complete the Diploma will be awarded 64 points of credit towards the masters

Articulation

The Master, Graduate Diploma [*Exit Point Only*] and Graduate Certificate [*Exit Point Only*] make up an articulated set of courses and credit is given in each higher level course for the subjects completed in the lower.

Graduation requirements

Master of GIS and Remote Sensing

To graduate students must satisfactorily complete 96 points.

Graduate Diploma of GIS and Remote Sensing [*Exit Point Only*]

To graduate students must satisfactorily complete 64 points.

Graduate Certificate in GIS and Remote Sensing [*Exit Point Only*]

To graduate students must satisfactorily complete 32 points.

Course Structure

The course consists of 11 compulsory subjects (88 points) and 1 elective (8 points).

Graduate Certificate

[SPA405](#) Image Analysis

[SPA406](#) GIS Applications

[SPA415](#) Principles of Geographic Information Systems

[SPA417](#) Remote Sensing of the Environment

Graduate Diploma

Graduate Certificate subjects plus

[SPA412](#) Integrated GIS/Remote Sensing

[SPA414](#) Critical Review of GIS and Geocomputation

[SPA501](#) Advanced GIS Applications and Modelling

[SPA512](#) Cartography and Data Visualisation

Masters

Graduate Diploma subjects plus

[SPA407](#) Applied Geostatistics

[SPA503](#) GIS Algorithms

[SPA504](#) Remote Sensing Algorithms
Elective

Enrolment Pattern

Master of GIS and Remote Sensing

A normal enrolment pattern would be as follows. Minor amendment to the order in which subjects are completed at the Graduate Certificate and Graduate Diploma level may be negotiated with the Course Director.

Year 1 Session 1 (30)

[SPA415](#) Principles of Geographic Information Systems

[SPA417](#) Remote Sensing of the Environment

Year 1 Session 2 (60)

[SPA405](#) Image Analysis

[SPA406](#) GIS Applications

(Students can exit at this point with a Graduate Certificate in GIS and Remote Sensing)

Year 2 Session 1 (30)

[SPA512](#) Cartography & Data Visualisation

[SPA414](#) Critical Review of GIS and Geocomputation

Year 2 Session 2 (60)

[SPA501](#) Advanced GIS Applications and Modelling

[SPA412](#) Integrated GIS/Remote Sensing

(Students can exit at this point with a Graduate Diploma of GIS and Remote Sensing)

Year 3 Session 1 (30)

[SPA503](#) GIS Algorithms

Elective

Year 3 Session 2 (60)

[SPA407](#) Applied Geostatistics

[SPA504](#) Remote Sensing Algorithms

(Students exit at this point with a Master of GIS and Remote Sensing)

Contact

For further information about Charles Sturt University, or this course offering, please contact info.csu on 1800 334 733 (free call within Australia) or email inquiry@csu.edu.au

The information contained in the 2016 CSU Handbook was accurate at the date of publication: October 2015. The University reserves the right to vary the information at any time without notice.

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