Bachelor of Medical Radiation Science (with specialisations) (Honours) Integrated Honours

includes:

Bachelor of Medical Radiation Science (with specialisations) (Honours)
Bachelor of Medical Radiation Science (with specialisations)

The course includes the following awards:

Bachelor of Medical Radiation Science (Medical Imaging) *BMedRadSc(MedImaging)*

Bachelor of Medical Radiation Science (Medical Imaging) (Honours) *BMedRadSc(MedImaging)(Hons)*

Bachelor of Medical Radiation Science (Nuclear Medicine) *BMedRadSc(NucMed)*

Bachelor of Medical Radiation Science (Nuclear Medicine) (Honours) *BMedRadSc(NucMed)(Hons)*

Bachelor of Medical Radiation Science (Radiation Therapy) *BMedRadSc(RadTherapy)*

Bachelor of Medical Radiation Science (Radiation Therapy) (Honours) *BMedRadSc(RadTherapy)(Hons)*

Course Study Modes and Locations

Bachelor of Medical Radiation Science (4411RS)

On Campus - Port Macquarie
On Campus - Wagga Wagga

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

Normal course duration

Bachelor of Medical Radiation Science (with specialisations) (Honours)

Full-time 4 years (8.0 sessions)

Bachelor of Medical Radiation Science (with specialisations)

Full-time 4.0 years (8.0 sessions)

The BMedRadSc (specialisations) are 4 year full time equivalant 256 point courses.

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

Bachelor of Medical Radiation Science (with specialisations) (Honours)

In order to be eligible for transfer into the Honours stream at the beginning of year 3, students will be required to achieve grades of Credit or above in at least 50% of first and second level subjects and at least a Pass level for all remaining subjects. Selection into the Honours stream will depend upon high academic merit and the availability of supervisors and research topics.

Bachelor of Medical Radiation Science (with specialisations)

Bachelor of Medical Radiation Science course.
Assumed knowledge for entry is to HSC equivalent of Physics and 2U Mathematics

Credit

CSU Credit Policy

Bachelor of Medical Radiation Science (with specialisations) (Honours)

CSU credit rules apply

Bachelor of Medical Radiation Science (with specialisations)

CSU credit rules apply

Graduation requirements

Bachelor of Medical Radiation Science (with specialisations) (Honours)

To graduate students must satisfactorily complete 256 points.

Bachelor of Medical Radiation Science (with specialisations)

To graduate students must satisfactorily complete 256 points.

Course Structure

The course consists of 256 credit points comprising:

- core subjects in the Pass or Honours stream: 200 points
- and compulsory subjects in the specialisation in the one of the following specialisaiton areas: Medical Imaging – 56 pointsNuclear Medicine– 56 pointsRadiation Therapy – 56 points

Medical Imaging Pass stream compulsory subjects:
MRS100Professional Fundamentals (16 points)
MRS110Introductory Medical Radiation Science (16 points)
PHY100Medical Radiation Physics (16 points)
BMS127Human Anatomy and Physiology 1
BMS128Human Anatomy and Physiology 2
MRS290Medical Radiation Science Practicum (16 points)
MRS233Digital Image Processing and Informatics
MRS211Imaging Pathology (16 points)
MRS203Imaging Anatomy
HLT330Research Methods in Health Sciences
MRS432Computed Tomography
MRS360Radiation Dosimetry, Biology & Protection
MRS490Medical Radiation Sciences Residency (48 points)
MRS434Magnetic Resonance Imaging
IKC100Indigenous Health
MRS270Radiologic Imaging 1 (16 points)
MRS370Radiologic Imaging 2 (16 points)
MRS341Image Interpretation & Correlation (16 points)
MRS426Diagnostic Ultrasound

Medical Imaging Honours stream compulsory subjects:

MRS100Professional Fundamentals (16 points)
MRS110Introductory Medical Radiation Science (16 points)
PHY100Medical Radiation Physics (16 points)
BMS127Human Anatomy and Physiology 1
BMS128Human Anatomy and Physiology 2
MRS290Medical Radiation Science Practicum (16 points)
MRS233Digital Image Processing and Informatics
MRS211Imaging Pathology (16 points)
MRS203Imaging Anatomy
HLT430Research Methods in Health Sciences
MRS432Computed Tomography
MRS360Radiation Dosimetry, Biology & Protection
MRS491Medical Radiation Sciences Residency (32 points)
HRS417Science Honours Project / Dissertation (16 points)
MRS434Magnetic Resonance Imaging
IKC100Indigenous Health
MRS270Radiologic Imaging 1 (16 points)
MRS370Radiologic Imaging 2 (16 points)
MRS341Image Interpretation & Correlation (16 points)
MRS426Diagnostic Ultrasound

Nuclear Medicine Pass stream compulsory subjects:
MRS100Professional Fundamentals (16 points)
MRS110Introductory Medical Radiation Science (16 points)
PHY100Medical Radiation Physics (16 points)
BMS127Human Anatomy and Physiology 1
BMS128Human Anatomy and Physiology 2
MRS290Medical Radiation Science Practicum (16 points)
MRS233Digital Image Processing and Informatics
MRS211Imaging Pathology (16 points)
MRS203Imaging Anatomy
HLT330Research Methods in Health Sciences
MRS432Computed Tomography
MRS360Radiation Dosimetry, Biology & Protection
MRS490Medical Radiation Sciences Residency (48 points)
MRS434Magnetic Resonance Imaging
IKC100Indigenous Health
MRS222Nuclear Medicine Science 1 (16 points)
MRS322Nuclear Medicine Science 3 (16 points)
MRS323Nuclear Medicine Science 2
PHM412Radiopharmacy
MRS426Diagnostic Ultrasound

Nuclear Medicine Honours stream compulsory subjects:

MRS100Professional Fundamentals (16 points)
MRS110Introductory Medical Radiation Science (16 points)
PHY100Medical Radiation Physics (16 points)
BMS127Human Anatomy and Physiology 1
BMS128Human Anatomy and Physiology 2
MRS290Medical Radiation Science Practicum (16 points)
MRS233Digital Image Processing and Informatics
MRS211Imaging Pathology (16 points)
MRS203Imaging Anatomy
HLT430Research Methods in Health Sciences
MRS432Computed Tomography
MRS360Radiation Dosimetry, Biology & Protection
MRS491Medical Radiation Sciences Residency (32 points)
HRS417Science Honours Project / Dissertation (16 points)
MRS434Magnetic Resonance Imaging
IKC100Indigenous Health
MRS222Nuclear Medicine Science 1 (16 points)
MRS322Nuclear Medicine Science 3 (16 points)
MRS323Nuclear Medicine Science 2
PHM412Radiopharmacy
MRS426Diagnostic Ultrasound

Radiation Therapy Pass stream compulsory subjects:
MRS100Professional Fundamentals (16 points)
MRS110Introductory Medical Radiation Science (16 points)
PHY100Medical Radiation Physics (16 points)
BMS127Human Anatomy and Physiology 1
BMS128Human Anatomy and Physiology 2
MRS290Medical Radiation Science Practicum (16 points)
MRS233Digital Image Processing and Informatics
MRS211Imaging Pathology (16 points)
MRS203Imaging Anatomy
HLT330Research Methods in Health Sciences
MRS432Computed Tomography
MRS360Radiation Dosimetry, Biology & Protection
MRS490Medical Radiation Sciences Residency (48 points)
MRS434Magnetic Resonance Imaging
IKC100Indigenous Health
MRS251Radiation Therapy 1 (16 points)
MRS351Radiation Therapy 2 (16 points)
MRS355Radiation Therapy Technology (16 points)
PSY214Health Psychology

Radiation Therapy Honours stream compulsory subjects:

MRS100Professional Fundamentals (16 points)
MRS110Introductory Medical Radiation Science (16 points)
PHY100Medical Radiation Physics (16 points)
BMS127Human Anatomy and Physiology 1
BMS128Human Anatomy and Physiology 2
MRS290Medical Radiation Science Practicum (16 points)
MRS233Digital Image Processing and Informatics
MRS211Imaging Pathology (16 points)
MRS203Imaging Anatomy
HLT430Research Methods in Health Sciences
MRS432Computed Tomography
MRS360Radiation Dosimetry, Biology & Protection
MRS491Medical Radiation Sciences Residency (32 points)
HRS417Science Honours Project / Dissertation (16 points)
MRS434Magnetic Resonance Imaging
IKC100Indigenous Health
MRS251Radiation Therapy 1 (16 points)
MRS351Radiation Therapy 2 (16 points)
MRS355Radiation Therapy Technology (16 points)
PSY214Health Psychology

Key Subjects for Medical Imaging Pass:
MRS100Professional Fundamentals (16 points)
MRS270Radiologic Imaging 1 (16 points)
MRS290Medical Radiation Science Practicum (16 points)
MRS370Radiologic Imaging 2 (16 points)
MRS490Medical Radiation Sciences Residency (48 points)

Key Subjects for Medical Imaging Honours:
MRS100Professional Fundamentals (16 points)
MRS270Radiologic Imaging 1 (16 points)
MRS290Medical Radiation Science Practicum (16 points)
MRS370Radiologic Imaging 2 (16 points)
MRS491Medical Radiation Sciences Residency (32 points)

Key Subjects for Nuclear Medicine Pass:
MRS100Professional Fundamentals (16 points)
MRS222Nuclear Medicine Science 1 (16 points)
MRS290Medical Radiation Science Practicum (16 points)
MRS322Nuclear Medicine Science 3 (16 points)
MRS490Medical Radiation Sciences Residency (48 points)

Key Subjects for Nuclear Medicine Honours:
MRS100Professional Fundamentals (16 points)

MRS222Nuclear Medicine Science 1 (16 points)
MRS290Medical Radiation Science Practicum (16 points)
MRS322Nuclear Medicine Science 3 (16 points)
MRS491Medical Radiation Sciences Residency (32 points)

Key Subjects for Radiation Therapy Pass:
MRS100Professional Fundamentals (16 points)
MRS251Radiation Therapy 1 (16 points)
MRS290Medical Radiation Science Practicum (16 points)
MRS351Radiation Therapy 2 (16 points)
MRS490Medical Radiation Sciences Residency (48 points)

Key Subjects for Radiation Therapy Honours:
MRS100Professional Fundamentals (16 points)
MRS251Radiation Therapy 1 (16 points)
MRS290Medical Radiation Science Practicum (16 points)
MRS351Radiation Therapy 2 (16 points)
MRS491Medical Radiation Sciences Residency (32 points)

Enrolment Pattern

Students undertake a common first year, the enrolment varies once the specialisation is chosen and changing specialisations will result in additional study requirements for graduation.

Session 1 (30)
MRS100Professional Fundamentals (commence)
MRS110Introductory Medical Radiation Science (commence)
PHY100Medical Radiation Physics (commence)
BMS127Human Anatomy and Physiology 1

Session 2 (60)
MRS100Professional Fundamentals (complete)
MRS110Introductory Medical Radiation Science (complete)
PHY100Medical Radiation Physics (complete)
BMS128Human Anatomy and Physiology 2

Specialisations commence at the completion of first year. Honours commence at the completion of second year for eligible students.

Medical Imaging specialisation
Session 3 (30)
MRS270Radiologic Imaging 1 (commence)
MRS290Medical Radiation Science Practicum (commence)

MRS233Digital Image Processing and Informatics
MRS211Imaging Pathology (commence)

Session 4 (60)
MRS270Radiologic Imaging 1 (complete)
MRS290Medical Radiation Science Practicum (complete)
MRS203Imaging Anatomy
MRS211Imaging Pathology (complete)

Pass Stream (MI)
Session 5 (30)
MRS370Radiologic Imaging 2 (commence)
MRS341Image Interpretation & Correlation (commence)
HLT330Research Methods in Health Sciences
MRS432Computed Tomography

Session 6 (60)
MRS370Radiologic Imaging 2 (complete)
MRS341Image Interpretation & Correlation (complete)
MRS360Radiation Dosimetry, Biology & Protection
IKC100Indigenous Health

Session 7 (30)
MRS490Medical Radiation Sciences Residency (commence)
MRS434Magnetic Resonance Imaging

Session 8 (60)
MRS490Medical Radiation Sciences Residency (complete)
MRS426Diagnostic Ultrasound

Honours stream (MI)
Session 5 (30)
MRS370Radiologic Imaging 2 (commence)
MRS341Image Interpretation & Correlation (commence)
HLT430Research Methods in Health Sciences
MRS432Computed Tomography

Session 6 (60)
MRS370Radiologic Imaging 2 (complete)
MRS341Image Interpretation & Correlation (complete)
MRS360Radiation Dosimetry, Biology & Protection
IKC100Indigenous Health

Session 7 (30)

MRS491Medical Radiation Sciences Residency (commence)
HRS417Science Honours Project / Dissertation (commence)
MRS434Magnetic Resonance Imaging

Session 8 (60)
MRS491Medical Radiation Sciences Residency (complete)
HRS417Science Honours Project / Dissertation (complete)
MRS426Diagnostic Ultrasound

Nuclear Medicine specialisation
Session 3 (30)
MRS222Nuclear Medicine Science 1 (commence)
MRS290Medical Radiation Science Practicum (commence)
MRS233Digital Image Processing and Informatics
MRS211Imaging Pathology (commence)

Session 4 (60)
MRS222Nuclear Medicine Science 1 (complete)
MRS290Medical Radiation Science Practicum (complete)
MRS203Imaging Anatomy
MRS211Imaging Pathology (complete)

Pass stream (NM)
Session 5 (30)
MRS323Nuclear Medicine Science 2
PHM412Radiopharmacy
MRS432Computed Tomography
HLT330Research Methods in Health Sciences

Session 6 (60)
MRS322Nuclear Medicine Science 3
MRS360Radiation Dosimetry, Biology & Protection
IKC100Indigenous Health

Session 7 (30)
MRS490Medical Radiation Sciences Residency (commence)
MRS434Magnetic Resonance Imaging

Session 8 (60)
MRS490Medical Radiation Sciences Residency (complete)
MRS426Diagnostic Ultrasound

Honours stream (NM)
Session 5 (30)

MRS323Nuclear Medicine Science 2
PHM412Radiopharmacy
MRS432Computed Tomography
HLT430Research Methods in Health Sciences

Session 6 (60)
MRS322Nuclear Medicine Science 3
MRS360Radiation Dosimetry, Biology & Protection
IKC100Indigenous Health

Session 7 (30)
MRS491Medical Radiation Sciences Residency (commence)
HRS417Science Honours Project / Dissertation (commence)
MRS434Magnetic Resonance Imaging

Session 8 (60)
MRS491Medical Radiation Sciences Residency (complete)
HRS417Science Honours Project / Dissertation (complete)
MRS426Diagnostic Ultrasound

Radiation Therapy specialisation
Session 3 (30)
MRS251Radiation Therapy 1 (commence)
MRS290Medical Radiation Science Practicum (commence)
MRS233Digital Imaging Processing and Informatics
MRS211Imaging Pathology (commence)

Session 4 (60)
MRS251Radiation Therapy 1 (complete)
MRS290Medical Radiation Science Practicum (complete)
MRS203Imaging Anatomy
MRS211Imaging Pathology (complete)

Pass stream (RT)
Session 5 (30)
MRS351Radiation Therapy 2 (commence)
MRS355Radiation Therapy Technology (commence)
HLT330Research Methods in Health Sciences
MRS432Computed Tomography

Session 6 (60)
MRS351Radiation Therapy 2 (complete)
MRS355Radiation Therapy Technology (complete)
MRS360Radiation Dosimetry, Biology & Protection

IKC100Indigenous Health

Session 7 (30)
MRS490Medical Radiation Sciences Residency (commence)
MRS434Magnetic Resonance Imaging

Session 8 (60)
MRS490Medical Radiation Sciences Residency (complete)
PSY214Health Psychology

Honours stream (RT)
Session 5 (30)
MRS351Radiation Therapy 2 (commence)
MRS355Radiation Therapy Technology (commence)
HLT430Research Methods in Health Sciences
MRS432Computed Tomography

Session 6 (60)
MRS351Radiation Therapy 2 (complete)
MRS355Radiation Therapy Technology (complete)
MRS360Radiation Dosimetry, Biology & Protection
IKC100Indigenous Health

Session 7 (30)
MRS491Medical Radiation Sciences Residency (commence)
HRS417Science Honours Project / Dissertation (commence)
MRS434Magnetic Resonance Imaging

Session 8 (60)
MRS491Medical Radiation Sciences Residency (complete)
HRS417Science Honours Project / Dissertation (complete)
PSY214Health Psychology

Workplace learning

Please note that the following subjects may contain a Workplace Learning component.

MRS100 Professional Fundamentals
MRS222 Nuclear Medicine Science 1
MRS270 Radiological Imaging 1
MRS290 Medical Radiation Science Practicum 1
MRS322 Nuclear Medicine Science 3
MRS351 Radiation Therapy 2
MRS370 Radiological Imaging 2

MRS490 Medical Radiation Science Residency
MRS491 Medical Radiation Science Residency

Accreditation

In September 2008, the Bachelor of Medical Radiation Science (Medcial Imaging) has again been awarded Full Accreditation for 5 years.

In 2013 Nuclear Medicine received accreditation and Medical Imaging and Radation Therapy are currently undertaking accrediation with the Australian Health Practitioner Regulation Agency (AHPRA)

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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