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 specialisation areas:
Medical Imaging – 56 points
Nuclear Medicine – 56 points
Radiation Therapy – 56 points

Medical Imaging Pass stream compulsory subjects:
BMS191 Human Bioscience 1
BMS192 Human Bioscience 2
HLT330 Research Methods in Health Sciences
IKC100 Indigenous Health
MRS100 Professional Fundamentals (16 points)
MRS110 Introductory Medical Radiation Science (16 points)
MRS203 Imaging Anatomy
MRS211 Imaging Pathology (16 points)
MRS233 Digital Image Processing and Informatics
MRS270 Radiologic Imaging 1 (16 points)
MRS290 Medical Radiation Science Practicum (16 points)
MRS341 Image Interpretation & Correlation (16 points)
MRS360 Radiation Dosimetry, Biology & Protection
MRS370 Radiologic Imaging 2 (16 points)
MRS426 Diagnostic Ultrasound
MRS432 Computed Tomography
MRS434 Magnetic Resonance Imaging
MRS490 Medical Radiation Sciences Residency (48 points)
PHY107 General Physics

PHY115 Physics for Medical Radiation Science

Medical Imaging Honours stream compulsory subjects:
BMS191 Human Bioscience 1
BMS192 Human Bioscience 2
HLT430 Research Methods in Health Sciences
HRS417 Science Honours Project / Dissertation (16 points)
IKC100 Indigenous Health
MRS100 Professional Fundamentals (16 points)
MRS110 Introductory Medical Radiation Science (16 points)
MRS203 Imaging Anatomy
MRS211 Imaging Pathology (16 points)
MRS233 Digital Image Processing and Informatics
MRS270 Radiologic Imaging 1 (16 points)
MRS290 Medical Radiation Science Practicum (16 points)
MRS341 Image Interpretation & Correlation (16 points)
MRS360 Radiation Dosimetry, Biology & Protection
MRS370 Radiologic Imaging 2 (16 points)
MRS426 Diagnostic Ultrasound
MRS432 Computed Tomography
MRS434 Magnetic Resonance Imaging
MRS491 Medical Radiation Sciences Residency (32 points)
PHY107 General Physics
PHY115 Physics for Medical Radiation Science

Nuclear Medicine Pass stream compulsory subjects:
BMS191 Human Bioscience 1
BMS192 Human Bioscience 2
HLT330 Research Methods in Health Sciences
IKC100 Indigenous Health
MRS100 Professional Fundamentals (16 points)
MRS110 Introductory Medical Radiation Science (16 points)
MRS203 Imaging Anatomy
MRS211 Imaging Pathology (16 points)
MRS222 Nuclear Medicine Science 1 (16 points)
MRS233 Digital Image Processing and Informatics
MRS290 Medical Radiation Science Practicum (16 points)
MRS322 Nuclear Medicine Science 3 (16 points)
MRS323 Nuclear Medicine Science 2
MRS360 Radiation Dosimetry, Biology & Protection
MRS426 Diagnostic Ultrasound
MRS432 Computed Tomography
MRS434 Magnetic Resonance Imaging
MRS490 Medical Radiation Sciences Residency (48 points)

PHM412 Radiopharmacy
PHY107 General Physics
PHY115 Physics for Medical Radiation Science

Nuclear Medicine Honours stream compulsory subjects:
BMS191 Human Bioscience 1
BMS192 Human Bioscience 2
HLT430 Research Methods in Health Sciences
HRS417 Science Honours Project / Dissertation (16 points)
IKC100 Indigenous Health
MRS100 Professional Fundamentals (16 points)
MRS110 Introductory Medical Radiation Science (16 points)
MRS203 Imaging Anatomy
MRS211 Imaging Pathology (16 points)
MRS222 Nuclear Medicine Science 1 (16 points)
MRS233 Digital Image Processing and Informatics
MRS290 Medical Radiation Science Practicum (16 points)
MRS322 Nuclear Medicine Science 3 (16 points)
MRS323 Nuclear Medicine Science 2
MRS360 Radiation Dosimetry, Biology & Protection
MRS426 Diagnostic Ultrasound
MRS432 Computed Tomography
MRS434 Magnetic Resonance Imaging
MRS491 Medical Radiation Sciences Residency (32 points)
PHM412 Radiopharmacy
PHY107 General Physics
PHY115 Physics for Medical Radiation Science

Radiation Therapy Pass stream compulsory subjects:
BMS191 Human Bioscience 1
BMS192 Human Bioscience 2
HLT330 Research Methods in Health Sciences
IKC100 Indigenous Health
MRS100 Professional Fundamentals (16 points)
MRS110 Introductory Medical Radiation Science (16 points)
MRS203 Imaging Anatomy
MRS211 Imaging Pathology (16 points)
MRS233 Digital Image Processing and Informatics
MRS251 Radiation Therapy 1 (16 points)
MRS290 Medical Radiation Science Practicum (16 points)
MRS351 Radiation Therapy 2 (16 points)
MRS355 Radiation Therapy Technology (16 points)
MRS360 Radiation Dosimetry, Biology & Protection
MRS432 Computed Tomography

MRS434 Magnetic Resonance Imaging
MRS490 Medical Radiation Sciences Residency (48 points)
PHY107 General Physics
PHY115 Physics for Medical Radiation Science
PSY214 Health Psychology

Radiation Therapy Honours stream compulsory subjects:
BMS191 Human Bioscience 1
BMS192 Human Bioscience 2
HLT430 Research Methods in Health Sciences
HRS417 Science Honours Project / Dissertation (16 points)
IKC100 Indigenous Health
MRS100 Professional Fundamentals (16 points)
MRS110 Introductory Medical Radiation Science (16 points)
MRS203 Imaging Anatomy
MRS211 Imaging Pathology (16 points)
MRS233 Digital Image Processing and Informatics
MRS251 Radiation Therapy 1 (16 points)
MRS290 Medical Radiation Science Practicum (16 points)
MRS351 Radiation Therapy 2 (16 points)
MRS355 Radiation Therapy Technology (16 points)
MRS360 Radiation Dosimetry, Biology & Protection
MRS432 Computed Tomography
MRS434 Magnetic Resonance Imaging
MRS491 Medical Radiation Sciences Residency (32 points)
PHY107General Physics
PHY115 Physics for Medical Radiation Science
PSY214 Health Psychology

Key Subjects for Medical Imaging Pass:
MRS100 Professional Fundamentals (16 points)
MRS270 Radiologic Imaging 1 (16 points)
MRS290 Medical Radiation Science Practicum (16 points)
MRS370 Radiologic Imaging 2 (16 points)
MRS490 Medical Radiation Sciences Residency (48 points)

Key Subjects for Medical Imaging Honours:
MRS100 Professional Fundamentals (16 points)
MRS270 Radiologic Imaging 1 (16 points)
MRS290 Medical Radiation Science Practicum (16 points)
MRS370 Radiologic Imaging 2 (16 points)
MRS491 Medical Radiation Sciences Residency (32 points)

Key Subjects for Nuclear Medicine Pass:

MRS100 Professional Fundamentals (16 points)
MRS222 Nuclear Medicine Science 1 (16 points)
MRS290 Medical Radiation Science Practicum (16 points)
MRS322 Nuclear Medicine Science 3 (16 points)
MRS490 Medical Radiation Sciences Residency (48 points)

Key Subjects for Nuclear Medicine Honours:
MRS100 Professional Fundamentals (16 points)
MRS222 Nuclear Medicine Science 1 (16 points)
MRS290 Medical Radiation Science Practicum (16 points)
MRS322 Nuclear Medicine Science 3 (16 points)
MRS491 Medical Radiation Sciences Residency (32 points)

Key Subjects for Radiation Therapy Pass:
MRS100 Professional Fundamentals (16 points)
MRS251 Radiation Therapy 1 (16 points)
MRS290 Medical Radiation Science Practicum (16 points)
MRS351 Radiation Therapy 2 (16 points)
MRS490 Medical Radiation Sciences Residency (48 points)

Key Subjects for Radiation Therapy Honours:
MRS100 Professional Fundamentals (16 points)
MRS251 Radiation Therapy 1 (16 points)
MRS290 Medical Radiation Science Practicum (16 points)
MRS351 Radiation Therapy 2 (16 points)
MRS491 Medical Radiation Sciences Residency (32 points)

Enrolment Pattern

Session 1 (30)
MRS100 Professional Fundamentals (commence)
MRS110 Introductory Medical Radiation Science (commence)
PHY107 General Physics
BMS191 Human Bioscience 1

Session 2 (60)
MRS100 Professional Fundamentals (complete)
MRS110 Introductory Medical Radiation Science (complete)
PHY115 Physics for Medical Radiation Science
BMS192 Human Bioscience 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)
MRS270 Radiologic Imaging 1 (commence)
MRS290 Medical Radiation Science Practicum (commence)
MRS233 Digital Image Processing and Informatics
MRS211 Imaging Pathology (commence)

Session 4 (60)
MRS270 Radiologic Imaging 1 (complete)
MRS290 Medical Radiation Science Practicum (complete)
MRS203 Imaging Anatomy
MRS211 Imaging Pathology (complete)

Pass Stream (MI)
Session 5 (30)
MRS370 Radiologic Imaging 2 (commence)
MRS341 Image Interpretation & Correlation (commence)
HLT330 Research Methods in Health Sciences
MRS432 Computed Tomography

Session 6 (60)
MRS370 Radiologic Imaging 2 (complete)
MRS341 Image Interpretation & Correlation (complete)
MRS360 Radiation Dosimetry, Biology & Protection
IKC100 Indigenous Health

Session 7 (30)
MRS490 Medical Radiation Sciences Residency (commence)
MRS434 Magnetic Resonance Imaging

Session 8 (60)
MRS490 Medical Radiation Sciences Residency (complete)
MRS426 Diagnostic Ultrasound

Honours stream (MI)
Session 5 (30)
MRS370 Radiologic Imaging 2 (commence)
MRS341 Image Interpretation & Correlation (commence)
HLT430 Research Methods in Health Sciences
MRS432 Computed Tomography

Session 6 (60)

MRS370 Radiologic Imaging 2 (complete)
MRS341 Image Interpretation & Correlation (complete)
MRS360 Radiation Dosimetry, Biology & Protection
IKC100 Indigenous Health

Session 7 (30)
MRS491 Medical Radiation Sciences Residency (commence)
HRS417 Science Honours Project / Dissertation (commence)
MRS434 Magnetic Resonance Imaging

Session 8 (60)
MRS491 Medical Radiation Sciences Residency (complete)
HRS417 Science Honours Project / Dissertation (complete)
MRS426 Diagnostic Ultrasound

Nuclear Medicine specialisation
Session 3 (30)
MRS222 Nuclear Medicine Science 1 (commence)
MRS290 Medical Radiation Science Practicum (commence)
MRS233 Digital Image Processing and Informatics
MRS211 Imaging Pathology (commence)

Session 4 (60)
MRS222 Nuclear Medicine Science 1 (complete)
MRS290 Medical Radiation Science Practicum (complete)
MRS203 Imaging Anatomy
MRS211 Imaging Pathology (complete)

Pass stream (NM)
Session 5 (30)
MRS323 Nuclear Medicine Science 2
PHM412 Radiopharmacy
MRS432 Computed Tomography
HLT330 Research Methods in Health Sciences

Session 6 (60)
MRS322 Nuclear Medicine Science 3
MRS360 Radiation Dosimetry, Biology & Protection
IKC100 Indigenous Health

Session 7 (30)
MRS490 Medical Radiation Sciences Residency (commence)
MRS434 Magnetic Resonance Imaging

Session 8 (60)
MRS490 Medical Radiation Sciences Residency (complete)
MRS426 Diagnostic Ultrasound

Honours stream (NM)
Session 5 (30)
MRS323 Nuclear Medicine Science 2
PHM412 Radiopharmacy
MRS432 Computed Tomography
HLT430 Research Methods in Health Sciences

Session 6 (60)
MRS322 Nuclear Medicine Science 3
MRS360 Radiation Dosimetry, Biology & Protection
IKC100 Indigenous Health

Session 7 (30)
MRS491 Medical Radiation Sciences Residency (commence)
HRS417 Science Honours Project / Dissertation (commence)
MRS434 Magnetic Resonance Imaging

Session 8 (60)
MRS491 Medical Radiation Sciences Residency (complete)
HRS417 Science Honours Project / Dissertation (complete)
MRS426 Diagnostic Ultrasound

Radiation Therapy specialisation
Session 3 (30)
MRS251 Radiation Therapy 1 (commence)
MRS290 Medical Radiation Science Practicum (commence)
MRS233 Digital Imaging Processing and Informatics
MRS211 Imaging Pathology (commence)

Session 4 (60)
MRS251 Radiation Therapy 1 (complete)
MRS290 Medical Radiation Science Practicum (complete)
MRS203 Imaging Anatomy
MRS211 Imaging Pathology (complete)

Pass stream (RT)
Session 5 (30)
MRS351 Radiation Therapy 2 (commence)
MRS355 Radiation Therapy Technology (commence)
HLT330 Research Methods in Health Sciences

MRS432 Computed Tomography

Session 6 (60)
MRS351 Radiation Therapy 2 (complete)
MRS355 Radiation Therapy Technology (complete)
MRS360 Radiation Dosimetry, Biology & Protection
PSY214 Health Psychology

Session 7 (30)
MRS490 Medical Radiation Sciences Residency (commence)
MRS434 Magnetic Resonance Imaging

Session 8 (60)
MRS490 Medical Radiation Sciences Residency (complete)
IKC100 Indigenous Health

Honours stream (RT)
Session 5 (30)
MRS351 Radiation Therapy 2 (commence)
MRS355 Radiation Therapy Technology (commence)
HLT430 Research Methods in Health Sciences
MRS432 Computed Tomography

Session 6 (60)
MRS351 Radiation Therapy 2 (complete)
MRS355 Radiation Therapy Technology (complete)
MRS360 Radiation Dosimetry, Biology & Protection
PSY214 Health Psychology

Session 7 (30)
MRS491 Medical Radiation Sciences Residency (commence)
HRS417 Science Honours Project / Dissertation (commence)
MRS434 Magnetic Resonance Imaging

Session 8 (60)
MRS491 Medical Radiation Sciences Residency (complete)
HRS417 Science Honours Project / Dissertation (complete)
IKC100 Indigenous Health

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

Current Students

For any enquiries about subject selection or course structure you will need to contact your Course Director. You can find the name and contact details for your Course Director in your offer letter or contact your School office.

Prospective Students

For further information about Charles Sturt University, or this course offering, please contact info.csu on 1800 334 733 (free call within Australia) or enquire online.

The information contained in the 2017 CSU Handbook was accurate at the date of publication: May 2017. The University reserves the right to vary the information at any time without notice.

Back