

Radiation Oncology Medical Physicist

A Radiation Oncology Medical Physicist is a medical physics specialist who is on the ACPSEM's speciality register of Radiation Oncology Medical Physicists.

The ACPSEM will place a person on an ACPSEM's speciality register if they have been awarded the appropriate specialist accreditation or equivalent status¹.

To be granted ACPSEM accreditation in Radiation Oncology Medical Physics, a person must have:

- Obtained an ACPSEM approved undergraduate degree majoring in physics or a relevant branch of engineering² or have an exemption³ from the ACPSEM for such a requirement.
- Obtained an ACPSEM approved postgraduate degree⁴ in medical physics from a tertiary institution or an approved equivalent unless exempted by the ACPSEM.
- At least three years postgraduate clinical experience in the application of medical physics in radiation oncology.
- Met the requirements for Ordinary Membership of the ACPSEM.
- Satisfied the Radiation Oncology Accreditation Panel that he or she has achieved the level of knowledge and competencies⁵ necessary to accept responsibility and to practice independently⁶ in radiation oncology medical physics.

To be considered to have equivalent status, a person must apply to the Radiation Oncology Accreditation Panel providing details of their experience and qualifications and reasons why they should be granted equivalent status. The Radiation Oncology Accreditation Panel may grant provisional equivalent status which is time-limited or full equivalent status which is not time-limited.

¹ Equivalent status will be judged by the ACPSEM on the advice of the Radiation Oncology Accreditation Panel.

² A BSc degree majoring in physics or a BE degree majoring in electronic, electrical, mechanical or biomedical engineering from an Australian or New Zealand university will generally meet this requirement. Acceptable degrees will have a strong mathematics component.

³ For example, having an equivalent qualification in a relevant physical science or an appropriate overseas degree which has been assessed by NOOSR or NZQA as being an equivalent qualification.

⁴ This requirement will commence for all medical physicists who join the workforce after 1st January 2006.

⁵ Defined in the document "Knowledge and Competencies Required for Radiation Oncology Medical Physics".

⁶ Defined in the document "Roles and Responsibilities Required of Radiation Oncology Medical Physicists".