Fee Structure:

* Registration fee: $500 (one-time payment per applicant)
* Course fee: $6000 per year
* Examination fee: $800 per year

*Prevailing rate of Goods and Services Tax (GST) is not inclusive in the fees and is collected on top of the Registration fee, Course fee and Examination fee.

Application Procedure:
Candidates are required to fill up the
- Obtain endorsement from their Head of Department and their Human Resource Department.
- Attach the supporting documents (certified as true copies) as indicated in the application form and mail to:
  
  **Academy of Medicine, Singapore**
  Education & Training Department
  81 Kim Keat Road
  #11-00 & #12-00, NKF Centre
  Singapore 328836

Withdrawal and Bond Policy (if any):
Please refer to your sponsoring institution for the withdrawal and bond policy (if any).

Contact Details:
Contact person: Mr Jonathan Chng
Designation: Executive, Education and Training
DID: (65) 6593 7876
Fax: (65) 6593 7880
Email: jonathan_chng@ams.edu.sg
Website: [http://www.ams.edu.sg](http://www.ams.edu.sg)

All information published in this brochure is accurate on the date of publication and is subject to change thereafter. Publication Date: 24 August 2011
### Objectives:
The Diploma in Radiation Oncology is designed specifically for doctors who intend to work within the field of Radiation Oncology but not as specialists. Trainees will be trained to the level of competency to provide a higher degree of service than Medical Officers as well as continuity of care in the transition between Medical Officer postings.

### Admission Criteria:
This scheme is open to all medically-trained doctors who are non-citizens, Permanent Residents (PRs) or citizens of Singapore. However, applicants must satisfy the following criteria for admission into this programme:
1. Possess Temporary registration (Service), Conditional registration or Full registration with the Singapore Medical Council (SMC); and
2. Have at least 1 year of working experience in a public sector hospital and currently employed full-time in the same public restructured hospital in Singapore; and
3. Possess a local sponsoring department, unit or institution; and
4. Have a programme supervisor, who is a specialist in Radiation Oncology and who should work at the same institution where the applicant is applying to undergo training for the programme.

### Programme Duration:
This is a 2-year structured Diploma programme. This will enable the trainees to develop knowledge and skills in the field of Radiation Oncology, at the level of competence expected from that of a Staff Registrar. During the first year, the core of the training will firm up the theoretical knowledge of SRS trainees in basic sciences of molecular biology, radiation biology, radiation physics and medical statistics. This will be done in weekly lectures and span over a 6 months period at the end of which will be the first evaluation or test. In addition, the trainee is assigned a 3 monthly rotation through the various core cancer specialities eg breast cancer, lung cancer, gastrointestinal cancer, head and neck cancer and gynaecologic cancer, working with consultants and applying their knowledge in core sciences to everyday working processes as well as learn new skills in radiation therapy processes involvement in cancer patient management.

### Syllabus:
1. General Oncology - Understand the etiology and natural history of cancer presentation and management in the elderly
2. Radiobiology and Molecular Biology - Understand how molecular basis of how cells function and how ionizing radiation and affect living cells and tissues
3. Radiation Physics and Oncology - Understand the properties of radiation energy and how it can be used to effectively control and eradicate cancers.
4. Chemotherapy and Biological therapy - Understand how other agents, eg chemotherapy, biological therapy, hormones can affect cells and interact with radiation therapy
5. Medical Statistics - Understand the use of medical statistical methods in designing studies and trials and to critically analysis the merits or limitations of medical literature regarding oncological topics

### Assessment Criteria:

<table>
<thead>
<tr>
<th>Year 1</th>
<th>Year 2</th>
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</thead>
<tbody>
<tr>
<td><strong>Combined Training</strong></td>
<td><strong>Monthly workshops</strong>&lt;br&gt;<strong>Monthly assignments</strong>&lt;br&gt;<strong>Case write ups (4)</strong>&lt;br&gt;<strong>Clinical Attachments</strong></td>
</tr>
<tr>
<td><strong>Department training</strong></td>
<td><strong>Weekly departmental training programs.</strong></td>
</tr>
<tr>
<td><strong>Supervision</strong></td>
<td><strong>6 monthly supervisor reports by onsite supervisor</strong></td>
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<tr>
<td><strong>Examinations</strong></td>
<td><strong>Examinations</strong></td>
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<tr>
<td><strong>Outcomes</strong></td>
<td><strong>Candidate promoted to year two of the course</strong></td>
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</tbody>
</table>

**Expected commencement date:** 1 November 2012  
**Application period:** From 1 September 2012 — 30 September 2012