The University Graduate Council.

Graduate faculty of the university through their elected representatives to

academic rules and regulations that govern graduate education for all

The VCU Graduate Bulletin website documents the official admission and

programs

for all graduate students in all graduate

and general academic policies and regulations

VCU Graduate Bulletin, VCU Graduate School

and general academic policies and regulations

for all graduate students in all graduate

The VCU Graduate Bulletin website documents the official admission and

academic rules and regulations that govern graduate education for all

graduate programs at the university. These policies are established by the

graduate faculty of the university through their elected representatives to

the University Graduate Council.

It is the responsibility of all graduate students, both on- and off-
campus, to be familiar with the VCU Graduate Bulletin as well as the

Graduate School website (http://www.graduate.vcu.edu/) and academic

requirements in individual school and department publications and

on program websites. However, in all cases, the official policies and

procedures of the University Graduate Council, as published on the VCU

Graduate Bulletin and Graduate School websites, take precedence over

individual program policies and guidelines.

Visit the academic regulations section for additional information on

academic regulations for graduate students. (http://bulletin.vcu.edu/

academic-reggs/)

Degree candidacy requirements

A graduate student admitted to a program or concentration requiring a

final research project, work of art, thesis or dissertation, must qualify for

continuing master’s or doctoral status according to the degree candidacy

requirements of the student’s graduate program. Admission to degree

candidacy, if applicable, is a formal statement by the graduate student’s

faculty regarding the student’s academic achievements and the student’s

readiness to proceed to the final research phase of the degree program.

Graduate students and program directors should refer to the following

degree candidacy policy as published in the VCU Graduate Bulletin for

complete information and instructions.

Visit the academic regulations section for additional information on

degree candidacy requirements. (http://bulletin.vcu.edu/academic-reggs/

grad/candidacy/)

Graduation requirements

As graduate students approach the end of their academic programs and

the final semester of matriculation, they must make formal application to

graduate. No degrees will be conferred until the application to graduate

has been finalized.

Graduate students and program directors should refer to the following

graduation requirements as published in the Graduate Bulletin for a

complete list of instructions and a graduation checklist.

Visit the academic regulations section for additional information on

graduation requirements. (http://bulletin.vcu.edu/academic-reggs/grad/

graduation-info/)

Other information

School of Medicine graduate program policies

The School of Medicine provides policies applicable to all programs

administratively housed in the school.

Apply online at graduate.admissions.vcu.edu (http://

wwwgraduate.admissions.vcu.edu).

Admission requirements

<table>
<thead>
<tr>
<th>Degree</th>
<th>Semester(s) of entry:</th>
<th>Deadline dates:</th>
<th>Test requirements:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Certificate</td>
<td>Fall</td>
<td>Jan 15</td>
<td>GRE</td>
</tr>
</tbody>
</table>

In addition to the general admission requirements of the VCU Graduate

School (http://bulletin.vcu.edu/graduate/study/admission-graduate-
study/admission-requirements/) and the School of Medicine, students are expected to satisfy the following minimum standards for admission.

1. Students must have a minimum of 30 credit hours in undergraduate physics, physical science or engineering, of which at least 18 credit hours must be from courses higher than introductory level. Background courses should include calculus one and two, linear algebra, differential equations, modern physics, and electricity and magnetism.

2. Applicants must have earned a doctoral degree in physics, engineering or other area of physical science with a minimum GPA of 3.0 on a 4-point scale

**Curriculum requirements**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MEDP 561</td>
<td>Topographical Anatomy and Physiology</td>
<td>1</td>
</tr>
<tr>
<td>MEDP 563</td>
<td>Radiological Physics and Radiation Dosimetry</td>
<td>3</td>
</tr>
<tr>
<td>MEDP 564</td>
<td>Radiological Physics and Radiation Dosimetry Lab</td>
<td>1</td>
</tr>
<tr>
<td>MEDP 567</td>
<td>Introduction to Radiation Therapy Physics</td>
<td>3</td>
</tr>
<tr>
<td>MEDP 601</td>
<td>Health Physics</td>
<td>3</td>
</tr>
<tr>
<td>MEDP 630</td>
<td>Radiobiology for the Medical Physicist</td>
<td>3</td>
</tr>
<tr>
<td>MEDP 635</td>
<td>Physics of Diagnostic Imaging</td>
<td>3</td>
</tr>
<tr>
<td>MEDP 636</td>
<td>Physics of MRI</td>
<td>3</td>
</tr>
<tr>
<td>MEDP 637</td>
<td>Physics of Nuclear Medicine</td>
<td>2</td>
</tr>
<tr>
<td>MEDP 689</td>
<td>Medical Physics Literature Review</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td><strong>Total Hours</strong></td>
<td><strong>23</strong></td>
</tr>
</tbody>
</table>

**The minimum total of graduate credit hours required for this certificate is 23.**

**Graduate program director**
William Y. Song, Ph.D.
Associate professor, Department of Radiation Oncology
wysong@vcu.edu
(804) 628-3457

**Additional contact**
Katie Goracke
Medical physics education coordinator
kmgoracke@vcu.edu
(804) 628-7780

**Program website:** medicalphysics.vcu.edu (http://www.medicalphysics.vcu.edu)