# University of Toledo

## Graduate Program Requirement Revision

**Contact Person**: E. Ishmael Parsai, PhD  
**Phone (XXX-XXXX)**: 383-5109  
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### Present

<table>
<thead>
<tr>
<th>College</th>
<th>Medicine</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dept/Academic Unit</td>
<td>Radiation Oncology</td>
</tr>
<tr>
<td>Program Code</td>
<td>MPHY</td>
</tr>
<tr>
<td>Program Name</td>
<td>Medical Physics</td>
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- Minimum number of credit hours for completion (if changed): **73**
- List all courses which comprise the certificate or degree and identify term offered (Summer/Fall/Spring):
  - MPH6110 Survey Clinical Radi Therapy (2) Fall 1
  - MPH6120 Radiation Dosimetry I (4) Fall 1
  - MPH6180 Physics of Radiation Therapy (3) Fall 1
  - MPH6310 Anatomy/Physiology (6) Fall 1
  - INDI6020 "On Being a Scientist“ (1) Spring 1
  - MPH6020 Radiation Dosimetry II (3) Spring 1
  - MPH6130 Radiation Dosimetry II (4) Spring 1
  - MPH6160 Radiation Biology (4) Spring 1
  - MPH6300 Radiation Detection & Measurement (3) Spring
  - MPH6190 Brachytherapy (3) Summer 1
  - MPH6200 Radiation Regulation & regulations (3) Summer 1
  - MPH6320 Practical Measurements in Rad (2) Summer 1
  - INDI6990 Thesis Research (3) Fall II
  - MPH6500 Medical Physics Seminar (1) Fall II
  - MPH6610 Clin Trng Rad Oncology Physics I (8) Fall II
  - PHY6180 Modern Physics Lab (2) Spring II
  - INDI6990 Thesis Research (4) Spring II
  - MPH6500 Medical Physics Seminar (1) Spring II
  - MPH6620 Clin Trng Rad Oncology Physics II (8) Spring II
  - MPH6630 Clin Trng Rad Oncology Physics III (5) Summer II
  - INDI6990 Thesis Research (3) Summer II

- Identify delivery method: **In Class**

### Proposed

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<thead>
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- Minimum number of credit hours for completion (if changed): **55**
- List all courses which comprise the certificate or degree and identify term offered (Summer/Fall/Spring):
  - MPH6110 Survey Clinical Radi Therapy (2) Fall 1
  - MPH6120 Radiation Dosimetry I (3) Fall 1
  - MPH6180 Physics of Radiation Therapy (3) Fall 1
  - MPH6310 Anatomy/Physiology (4) Fall 1
  - INDI6020 "On Being a Scientist“ (1) Spring 1
  - MPH6020 Survey of Diagnostic Med Imaging I (3) Spring 1
  - MPH6130 Radiation Dosimetry II (3) Spring 1
  - MPH6160 Radiation Biology (3) Spring 1
  - MPH6300 Radiation Detection & Measurement (3) Spring 1
  - MPH6190 Brachytherapy (3) Summer 1
  - MPH6200 Radiation Protection & Regulations (3) Summer 1
  - MPH6320 Practical Measurements in Rad (2) Summer 1
  - INDI6990 Thesis Research (5) Fall II
  - MPH6500 Medical Physics Seminar (1) Fall II
  - MPH6610 Clin Trng Rad Oncology Physics I (4) Fall II
  - PHY6180 Modern Physics Lab (2) Spring II
  - INDI6990 Thesis Research (5) Spring II
  - MPH6500 Medical Physics Seminar (1) Spring II
  - MPH6620 Clin Trng Rad Oncology Physics II (4) Spring II

- Identify delivery method: **In Class**

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**Date Added**: 4-28-14  
**Graduate Council Approved**: 4-30-14  
**To Provost**: 5-8-14
<table>
<thead>
<tr>
<th>Role</th>
<th>Name</th>
<th>Date</th>
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<tbody>
<tr>
<td>Department Curriculum Authority</td>
<td>E. Ishmael Parsai, Ph.D.</td>
<td>March 28, 2014</td>
</tr>
<tr>
<td>Department Chairperson</td>
<td>Changhu Chen, M.D.</td>
<td>March 28, 2014</td>
</tr>
<tr>
<td>College Curriculum Authority or Chair</td>
<td>Kandace Williams</td>
<td>April 2, 2014</td>
</tr>
<tr>
<td>College Dean</td>
<td></td>
<td>4-3-14</td>
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<td>Graduate Council</td>
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<td>4-29-2014</td>
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<td>Dean of Graduate Studies</td>
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<td>Office of the Provost</td>
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**For Administrative Use Only**

- Effective Date
- CIP Code
- Subsidy Taxonomy
- Program Code
- Instruction Level