



Associates to Bachelors Program in Medical Dosimetry

Application Requirements

- ✓ AS Degree
- ✓ 2.0 GPA or above

Program Details

| | |
|------------------------|------------------------------------|
| Required credit hours: | 60 |
| Program duration: | Two years |
| Program Tuition: | \$25,000.00 (\$12,500.00 per year) |
| Rate per Credit: | \$416.67 |

Core Courses (54 credits required)

| | | |
|-----------------------------------|--------|-----------|
| Radiation Dosimetry | MD301 | 3 credits |
| Introduction to Imaging | MD303 | 3 credits |
| Radiation Biology | MD302 | 3 credits |
| Radiation Therapy I | MD305 | 3 credits |
| Radiation Therapy II | MD306 | 3 credits |
| Health Physics & Radiation Safety | MHP510 | 3 credits |
| Brachytherapy | MD304 | 3 credits |
| Medical & Professional Ethics | MP590 | 1 credit |
| Treatment Planning I | MD310 | 3 credits |
| Treatment Planning II | MD311 | 3 credits |
| Treatment Planning III | MD410 | 3 credits |
| Treatment Planning IV | MD411 | 3 credits |
| Clinical Rotation I | MD320 | 5 credits |
| Clinical Rotation II | MD321 | 5 credits |
| Clinical Rotation III | MD420 | 5 credits |
| Clinical Rotation IV | MD421 | 5 credits |

Elective Courses (6 credits required)

| | | |
|---------------------------------|---------|-----------|
| Human Anatomy & Physiology | BIOL301 | 4 credits |
| Introduction to Medical Physics | MD351 | 3 credits |
| Imaging Anatomy | MD352 | 3 credits |
| Calculus I | MATH201 | 3 credits |
| Modern Physics | PHY301 | 3 credits |
| Electricity & Magnetism | PHY401 | 3 credits |
| Nuclear Physics | PHY403 | 3 credits |
| Thermodynamics | PHY405 | 3 credits |

Sample Plan of Study

Semester 1

14 Credits

1. Radiation Dosimetry
2. Introduction to Imaging
3. Treatment Planning I
4. Clinical Rotation I

Semester 2

14 Credits

1. Radiation Biology
2. Radiation Therapy I
3. Treatment Planning II
4. Clinical Rotation II

Semester 3

17 Credits

1. Health Physics and Radiation Safety
2. Radiation Therapy II
3. Treatment Planning III
4. Clinical Rotation III
5. Elective

Semester 4

15 Credits

1. Brachytherapy
2. Medical and Professional Ethics
3. Treatment Planning IV
4. Clinical Rotation IV
5. Elective

Plan of Study Worksheet

Please note that not all courses are offered every semester

First Semester

| | |
|-------|-------|
| _____ | _____ |
| _____ | _____ |
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| _____ | _____ |
| _____ | _____ |

Total Credits _____

Second Semester

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| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |

Total Credits _____

Third Semester

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|-------|-------|
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |

Total Credits _____

Fourth Semester

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|-------|-------|
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |

Total Credits _____

Fifth Semester (if applicable)

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|-------|-------|
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |

Total Credits _____

Sixth Semester (if applicable)

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|-------|-------|
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |

Total Credits _____