Dosimetry for Certified Medical Dosimetrists (Track C) - Master of Science

Track C is the Master of Science degree completion program for Certified Medical Dosimetrists (CMD’s) who are currently employed and want to obtain a Master of Science degree. The online program enables CMD’s to earn a Master of Science degree in the profession with minimal disruption to their lives. This flexible online program strongly emphasizes professional and academic growth. Advanced program courses such as Operational Issues in Radiation Oncology, Protocols & Studies in Radiation Oncology, and education and research courses can enhance competitiveness for advanced level positions with increased pay in areas of management, senior medical dosimetry, education, applications, or research.

The program’s 31 credits are obtained through web-based online lectures and discussions, independent study, and clinical experience.

Program requirements

Dosimetry admission to program policy

Admission policies and the application/selection process have been developed with the intention to consider each applicant’s strengths and select for admission those best qualified to meet the program’s requirements and mission.

- Applicant must have an earned baccalaureate degree. (A degree in radiation therapy, physics, radiologic sciences, math, computers, or other areas approved by the program.)
- Cumulative GPA of 3.0; overall GPA of 3.0 on prerequisite coursework
- Minimum of 40 hours of documented medical dosimetry observation
- Prior documented experience working with patients in a healthcare environment
- Completed program and graduate school application with three letters of reference
- Interviews with program director and adjunct faculty at clinical internship sites
- Completion of computer eligibility requirements. More information can be found on the Medical Dosimetry Program (http://www.uwlax.edu/medical-dosimetry-ms) website.
- Students for whom English is a second language must earn a minimum score of 600 (paper-based), 250 (computer-based), or 100 (internet-based) on the Test of English as a Foreign Language (TOEFL) within two years of application to the program.

Prerequisite coursework

<table>
<thead>
<tr>
<th>Course Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Human Anatomy &amp; Physiology with labs; or equivalent</td>
<td>6-8</td>
</tr>
<tr>
<td>Physics-2 course sequence; or equivalent</td>
<td>6-8</td>
</tr>
<tr>
<td>Pre-Calculus; or College Algebra + Trigonometry; or equivalent</td>
<td>3-4</td>
</tr>
<tr>
<td>Biology; or equivalent</td>
<td>3-4</td>
</tr>
<tr>
<td>Medical Terminology; or equivalent</td>
<td>1-3</td>
</tr>
<tr>
<td>Computer Science; or equivalent</td>
<td>2-3</td>
</tr>
</tbody>
</table>

Curriculum - Track C (for certified medical dosimetrists)

Students enrolled in the Master of Science degree program must take certain courses in sequence (see sample degree plan tab).

31 credits

<table>
<thead>
<tr>
<th>Course Description</th>
<th>Credits</th>
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<tbody>
<tr>
<td>DOS 711 Research Methodology in Medical Dosimetry I</td>
<td>2</td>
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<tr>
<td>DOS 750 Professional e-Portfolio</td>
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<tr>
<td>DOS 781 CMD Seminar I</td>
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<tr>
<td>DOS 791 Fieldwork I</td>
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<td>DOS 518 Professionalism and Mentoring in Medical Dosimetry</td>
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<td>DOS 731 Research Methodology in Medical Dosimetry II</td>
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<td>DOS 741 Protocols &amp; Studies in Radiation Oncology</td>
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<td>DOS 782 CMD Seminar II</td>
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<td>DOS 792 Fieldwork II</td>
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<td>DOS 751 Research Methodology in Medical Dosimetry III</td>
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<td>DOS 783 CMD Seminar III</td>
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<td>DOS 793 Fieldwork III</td>
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Total Credits 31

Degree requirements

UW-L graduate degree policy

After being admitted to the program of one’s choice, candidates for a graduate degree must:

1. Complete any preliminary course work and deficiencies.
2. Complete all courses and other program requirements, including residence requirements prescribed for the degree desired in the respective school or college within a seven-year period from the date of initial enrollment.
3. Earn at least one-half of the minimum number of credits required in the program in graduate-only level courses (non-slash courses).
4. Earn a cumulative grade point average of at least 3.00.
5. Satisfy thesis, seminar paper, terminal/graduate projects, or comprehensive examination, where applicable. A thesis approved by the committee must be submitted to the Director of Graduate Studies for approval at least two weeks before commencement. Ordinarily, a seminar paper or project report does not have to be approved by the Director of Graduate Studies. However, if the seminar paper or project report is to be archived in Murphy Library, the student must follow the same rules as they apply to the thesis requiring approval from the Director of Graduate Studies. For further research/thesis guidelines (http://www.uwlax.edu/Graduate-studies/research/thesis-information), see the Office of Graduate Studies.
6. File a completed “Intent to Graduate” form online via the WINGS Student Center immediately following registration for the final semester or summer term in residence. December graduates and winter intersession should file by May 1. May and summer graduates should file by December 1.
7. Pay the graduation fee and remove all other indebtedness to the university. Payment of graduation fees does not imply readiness for graduation and does not take the place of applying for graduation.
8. Complete all requirements within 30 days after the official ending date of a term in order for a degree to be awarded for that
term. (See #5 above for separate deadline for written capstone experience.)

Sample degree plan

This is a sample degree plan for completion of the Master of Science degree in 1 year (3 semesters). However, students can choose to take fewer courses per semester. Some courses must be taken in sequence.

<table>
<thead>
<tr>
<th>Fall</th>
<th>Credits</th>
<th>Spring</th>
<th>Credits</th>
<th>Credits</th>
</tr>
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<tr>
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<td>1</td>
<td>DOS 751</td>
</tr>
<tr>
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<td>DOS 731</td>
<td>2</td>
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<td>DOS 781</td>
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<td>DOS 792</td>
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