

MEDICAL DOSIMETRY

Two-Year Program Leading to a Bachelor of Science in Medical Dosimetry

Required Prerequisite Courses for Application into Medical Dosimetry

Application for Fall 2025

COURSE TITLE	TCCNS COURSE NUMBER	SEMESTER CREDIT HOURS
English Composition I	ENGL 1301	3
English Composition II	ENGL 1302	3
<i>Language, Philosophy and Culture Core</i> Courses in humanities, literature, philosophy, modern or classical language, cultural studies or equivalent		3
<i>Creative Arts Core</i> Courses in arts, dance, music appreciation, music, drama or equivalent		3
United States History I	HIST 1301	3
United States History II	HIST 1302	3
Federal Government	GOVT 2305	3
Texas Government	GOVT 2306	3
<i>Social and Behavioral Science Core</i> Courses in anthropology, economics, psychology, sociology, social work or equivalent		3
Anatomy and Physiology I	BIOL 2401 or BIOL 2301+2101	4
Anatomy and Physiology II	BIOL 2402 or BIOL 2302+2102	4
General Physics I	PHYS 1401 or PHYS 1301+1101	4
General Physics II	PHYS 1402 or PHYS 1302+1102	4
Calculus I	MATH 2313	3
Calculus II	MATH 2314	3
<i>Elective Courses</i> You have the flexibility in completing any college-level course of your preference. Remedial-level, developmental-level or workforce courses will not be accepted.		11
Total number of semester credit hours		60

Applicants to the two-year program in Medical Dosimetry should have all, or the majority of prerequisite courses, completed at the time of application. The prerequisite courses may be taken at any regionally accredited college/university with a grade of C- or better. Courses are listed using the Texas Common Course Numbering System (tccns.org).

Admissions into the program is competitive. Learn more at mdanderson.org/SHPPapply.



Medical Dosimetry

Two-Year Track

Fall 2025 Admission

Frequently Asked Questions

1. When do I turn in my admission application for Fall 2025?

The application will be available starting September 15, 2024. You should submit the application, transcripts of each college attended, essay and three professional recommendation forms before the priority deadline of March 1, 2025. To ensure documents are received before the priority deadline, it's recommended that you apply months before the deadline.

2. Can I apply for Spring or Summer admissions?

No. Students enter the Medical Dosimetry program once a year in the Fall semester.

3. I've not finished with all the prerequisite courses. Can I still apply for admission?

Yes, if the majority of the prerequisite courses are completed, you may apply for admission. The more prerequisite courses you have completed at the time of application, the more competitive your application will be.

Admitted students must have no more than 3 missing prerequisite courses by the first day of enrollment in the School of Health Professions.

For this purpose, please note that a science course with a corresponding lab, is considered one course and not two courses, e.g. Human Anatomy and Physiology lecture and lab.

4. What factors are considered in the [admission process](#)?

Admissions to the program is competitive and holistic. This means that an admissions committee will look at all the factors below when admitting a student. Meeting the minimum requirement does not guarantee acceptance.

- (1) A minimum overall undergraduate GPA of 2.50
- (2) Number of completed prerequisite courses at the time of application
- (3) Essay (the essay prompt will appear on the online admission application)
- (4) Three Professional Recommendation Forms
- (5) Interview and a math assessment (over algebra) for high ranking or competitive applicants

5. When will I receive my admission decision?

The high ranking applications or competitive applications will be contacted for an interview and a math assessment (over algebra). An admissions decision will be completed in May 2025.

6. I was accepted for Fall 2025 to the Medical Dosimetry program. Due to a few lacking prerequisite courses, I was accepted into the program conditionally. When is the deadline to complete my outstanding prerequisite courses?

By the first day of enrollment in the School of Health Professions, you can have a maximum of 3 outstanding prerequisite courses. These outstanding prerequisite courses must be completed no later than August 2026. Our recommendation is to finish the course as soon as possible.

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7. I already hold a bachelors degree. Can I apply for this program?

Yes, you can apply. Upon graduation you will earn a second bachelors degree.

8. I already hold a bachelors degree. Can you waive all the prerequisite courses?

No, despite holding a prior degree, prerequisite requirements cannot be waived. However, applicable courses from your prior degree may be used toward the prerequisite requirements.

9. I am a student outside of Texas. Should I still complete the Texas Government course?

Yes, all prerequisite courses are required. Texas Government, GOVT 2306, can be taken on-line from any accredited public college or public university in Texas.

10. Can I enroll in classes part-time?

No, enrollment is only offered full-time. View the courses you will complete during this 2-year program [here](#).

11. Where is the School located?

The School is located at 1515 Holcombe Blvd, Houston, TX 77030 inside MD Anderson's Main Building.

12. I don't live in Houston, Texas. Can I still enroll in this program?

Yes, we offer a distance education option with clinical placements in certain clinics outside of the Greater Houston Area. Courses are taken remotely and require synchronous interactions with the Houston faculty. Laboratory, research activities and clinical rotations are completed at our affiliated clinics under the supervision of clinical staff at these clinics. Learn more [here](#).

13. I understand this program offers some distance education. Is the program fully on-line or do I have to attend classes in person?

The Medical Dosimetry Program is structured in a hybrid format, requiring face-to-face and virtual components.

14. I was accepted into Medical Dosimetry in the Houston campus. Where will my classes be offered?

Houston-based students attend some didactic classes face-to-face at the 1515 Holcombe Blvd location in Houston, TX. Houston-based students attend clinical education virtually.

15. Do I need a computer for this program?

All students receive a MD Anderson institutional laptop for use during their time in the program. The institutional laptop must be returned to MD Anderson prior to graduation.

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16. I was accepted into Medical Dosimetry as a distance-learning student based in Arizona, California, Colorado, Florida, Mississippi, New Jersey, New Mexico or Dallas, Texas. Where will my classes be offered?

Students assigned to distance-learning sites attend the same classes as our Houston-based students. However, classes are offered virtually in a synchronous live format using Zoom. All students attend didactic classes at the same time, no matter which location they are assigned to. Most distance clinical sites require students to complete face-to-face clinical education in their clinics.

17. What is a clinical education?

As part of the learning process, you will complete approximately 1,000 hours of a guided clinical education. Clinical education allows you to apply your knowledge gained from the classroom and labs to the real-life medical setting. During this clinical phase, training and supervision are provided from clinical practitioners in our affiliated clinics.

18. If I am placed in Houston to complete my clinical education, the clinical rotations are completed virtually. What is included in virtual clinical education?

Medical dosimetrists at Houston MD Anderson clinics work virtually (remotely). Students placed in Houston clinics will also complete their clinical education virtually using their institutional laptop. Students are fully supervised by certified medical dosimetrists while receiving treatment planning instruction using a variety of online communication platforms. Students will also complete face-to-face components of their clinical education at the Houston MD Anderson locations in Houston including patient simulation and treatment observations and brachytherapy procedures.

19. Can I work while attending this program?

Medical Dosimetry students can work while attending the program, but attendance at all school activities is required. School activities will be scheduled Monday through Friday, 8 am CST to 5 pm CST. Work responsibilities should be scheduled outside of these designated times so as not to conflict with school participation.

20. When I graduate, what degree will I earn?

You will earn a bachelor of science degree from The University of Texas MD Anderson Cancer Center.

21. What does it mean to hold credentials in Medical Dosimetry?

Upon graduation, you will have the opportunity to take the examination and certification from the [Medical Dosimetrist Certification Board](#). Passing the credentialing exam can result in improved job prospects and higher salaries.