Online
Certificate in Precision Medicine Administration
15 Credit Hours

Admission Requirements:

- Application and processing fee
- Transcripts from accredited undergraduate degree
- GPA 3.0, probationary status may be granted
- Resume or CV
- Purpose statement addressing career goals

No GRE or GMAT required

Cost:

- Per Credit: $650
- Resource Fee: $200 per course
- Total Tuition Per Course: $2,150
- Estimated Total Tuition: $10,750

Graduation Requirements:
Students must earn a 3.0 GPA or higher to meet graduation requirements and successfully complete all required courses.

Job Outlook in Texas:

1,888 Jobs
Open in 2020*

1,818
Unique Postings (9/16-12/21)

$51,700 per year
Median Earnings

*Filtered by the proportion of the national workforce in these occupations with a Bachelor's degree. Source Emsi Analyst 2022.

Acquired Skills:

Top Hard Skills

- Biology
- Chemistry
- Medical Laboratory
- Laboratory Equipment

Top Common Skills

- Communications
- Research
- Quality Control
- Operations

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Curriculum:

PCM 605: Molecular Targets in Precision Medicine
The identification of drug targets for disease is central to pharmaceutical research. This course provides students a historical understanding of key targets of drug development by reviewing one of the most important aspects of drug discovery – the identification of drug targets for precision medicine.

HCAD 621: Healthcare Policy and Ethics
An overview of policy, regulations, and ethical issues impacting healthcare. Topics include privacy, regulatory compliance, ethical choices in patient care, and healthcare reform. Students will explore healthcare policy and the challenges that arise as the market responds to policy and change.

HCAD 624: Foundations in Healthcare Administration and Leadership
An overview of the structure and operation of patient care organizations with a focus on managing cost and quality. Students will learn how to manage relationships among patients, physicians, insurers, employers, and others in the industry.

HCAD 656: Healthcare Informatics
An introduction to the field of healthcare analytics with emphasis on the application of statistical concepts, procedures, and tools to add value to healthcare leaders in making clinical and management decisions.

Students choose 1 of the following:

PCM 601: Histopathology and Molecular Biology of Cancer
This course introduces fundamental cancer theory and image analysis techniques in cancer histopathology. Students will explore topics in slide preparation and changes in tumorion cell morphology as it relates to image interpretation. An introduction to the application of digital image processing techniques for feature extraction and disease classification is provided.

HCAD 627: Innovations and Trends in Healthcare
Introduces current trends and opportunities throughout the healthcare industry. Topics include the role of information technology, innovative approaches to delivery, and other components that influence patient care.