

# MHS in Clinical and Diagnostic Sciences with Emphasis in Respiratory Therapy

Note: Elective courses must be approved by the program director. Courses are offered every two years on a rotating basis.

## For More Information

**Clinical and Diagnostic Sciences**  
 School of Health Professions  
 617 Lewis Hall  
 (573) 882-9722

The Master of Health Science in Clinical and Diagnostic Science with emphasis in Respiratory Therapy is an interprofessional program that will prepare students from diverse health professions for leadership positions in health care facilities, higher education programs preparing entry-to-practice health care professionals, and the medical equipment and pharmaceutical industries. Students will build on their unique disciplinary knowledge to expand their foundation as leaders and prepare to achieve their academic and career goals.

Upon completion of the program students will be able to:

- Implement evidence-based clinical systems in ways that optimize patient outcomes using analytic techniques
- Reflect on the impact of leadership decisions and incorporate current trends into clinical practice
- Provide leadership in regulatory compliance, risk management, fiscal responsibility and strategic planning
- Build interprofessional team competence, assess clinical performance, and implement professional development activities
- Integrate advanced clinical specializations to provide stack-able skills that meet the changing needs of evolving disciplines

Graduates of this program will merge their discipline-specific knowledge and experience with new leadership skills, advanced professional competencies, and interprofessional collaborative practice experiences to lead the delivery of the highest quality care.

## Degree Requirements

The Master of Health Science in Clinical and Diagnostic Science with emphasis in Respiratory Therapy is a 30 credit-credit hour graduate degree program.

The program curriculum is organized into three categories: interprofessional core courses (9 credit hours), leadership electives (minimum 12 credit hours), and emphasis area electives (minimum 6 credit hours). All students will complete a personalized experiential capstone project tailored to their goals in clinical leadership (3 credit hours). At least 15 credit hours must be 8000 or 9000 level courses. Students may earn a graduate certificate while completing MHS CDS requirements, depending on their chosen leadership elective courses.

Total credit hours to completion may vary depending on selection of elective courses.

<b>Interprofessional Core</b>		<b>9</b>
CDS 8410	Clinical Analytics	3
CDS 8420	Clinical Management	3
CDS 8430	Clinical Leadership	2
CDS 8990	Clinical Capstone	3
HTH_PR 7100	Introduction to Interprofessional Practice	1