

ONLINE COURSES

Overview

The College of Allied Health Professions (CAHP) provides a wide range of online courses designed for both degree-seeking and non-degree-seeking students. These online courses are ideal for students who want to complete a prerequisite course, further their professional ability, advance in their professional skills, prepare for advanced board certification, or simply learn something new.

Students can earn credit for both undergraduate and graduate/professional courses, allowing them to advance at their own pace.

Before applying, students must seek approval to ensure the course aligns with their academic or professional objectives. For complete details, please visit [CAHP Non-Degree Seeking Website \(https://www.unmc.edu/alliedhealth/academics/nondegree.html\)](https://www.unmc.edu/alliedhealth/academics/nondegree.html) or email CAHPAdmissions@unmc.edu.

Courses

CAHP Non-Degree Seeking Courses

- CAHP General Courses (p.)
- Cardiovascular Interventional Technology Courses (p. 1)
- Computed Tomography Courses (p. 1)
- Diagnostic Medical Sonography Courses (p. 1)
- General Medical Imaging & Therapeutic Science Courses (p. 1)
- Magnetic Resonance Imaging Courses (p. 1)
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CAHP General Courses

Code	Title	Credit Hours
CAHP 310	MEDICAL TERMINOLOGY (Online)	2
CAHP 360	PATHOGENIC MEDICAL MICROBIOLOGY	4
CAHP 400	BIOCHEMISTRY FOR HEALTH PROFESSIONALS	3
CAHP 415/615	COMMUNICATION AND CULTURE IN HEALTHCARE (Online)	3
CAHP 420	FOUNDATIONS OF INFORMATION TECHNOLOGY IN HEALTHCARE (Online)	2
CAHP 422	PRINCIPLES OF EDUCATION FOR HEALTH CARE PROFESSIONALS	2
CAHP 423/723	PRINCIPLES OF CRITICAL INQUIRY (Online)	2
CAHP 426/626	HEALTH CARE ETHICS AND CRITICAL THINKING (Online)	3
CAHP 430/630	SCANNING HEALTH CARE ENVIRONMENT (Online)	3
CAHP 431/631	MANAGEMENT IN HEALTH CARE (Online)	3

Cardiovascular Interventional Technology Courses

Code	Title	Credit Hours
MIT 457R/657R	CARDIOVASCULAR INTERVENTIONAL TECHNOLOGY I	3

MIT 458R/658R	CARDIOVASCULAR INTERVENTIONAL TECHNOLOGY II	3
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Computed Tomography Courses

Code	Title	Credit Hours
MIT 460R/660R	CT PROTOCOLS AND CROSS-SECTIONAL ANATOMY	2
MIT 461R/661R	CT PHYSICS	1

Diagnostic Medical Sonography Courses

Code	Title	Credit Hours
MIT 407S/607S	ADVANCED OBSTETRICAL ULTRASOUND	2
MIT 408S/608S	GYNECOLOGICAL ULTRASOUND	1
MIT 409S/609S	GENITOURINARY ULTRASOUND	1
MIT 414S	PRACTICAL APPLICATION OF SONOGRAPHY	3
MIT 422S/622S	VASCULAR ANATOMY AND PHYSIOLOGY	3
MIT 424S/624S	BREAST SONOGRAPHY	2
MIT 432S/632S	ABDOMINAL ULTRASOUND	3
MIT 437S/637S	CARDIAC ANATOMY AND PHYSIOLOGY	3
MIT 443S/643S	FETAL ECHOCARDIOGRAPHY	2
MIT 438S/638S	CARDIAC PATHOLOGY AND HEMODYNAMICS	4
MIT 455S/655S	HIGH RESOLUTION SONOGRAPHY	1
MIT 456S/656S	NEUROSONOGRAPHY	2
MIT 457S/657S	PEDIATRIC SONOGRAPHY	2
MIT 458S/658S	MUSCULOSKELETAL SONOGRAPHY	2
MIT 462S/662S	VASCULAR PATHOLOGY AND HEMODYNAMICS	2

General Medical Imaging & Therapeutic Science Courses

Code	Title	Credit Hours
MIT 410R/610R	SECTIONAL ANATOMY & PATHOLOGY I	4
MIT 411R/611R	SECTIONAL ANATOMY & PATHOLOGY II	4
MIT 413R	RADIOLOGIC CONTRAST AGENTS	2
MIT 414T/614T	ONCOLOGY SECTIONAL ANATOMY & PATHOLOGY I	2
MIT 415T/615T	ONCOLOGY SECTIONAL ANATOMY & PATHOLOGY II	2
MIT 423S/623S	PATHOLOGY FOR THE HEALTH CARE PROFESSIONAL	2
MIT 438N/638N	ADVANCED RADIATION BIOLOGY	3
MIT 440R	CASE STUDIES & JOURNAL REVIEW	2
MIT 451R/651R	MRI SAFETY	1

Magnetic Resonance Imaging Courses

Code	Title	Credit Hours
MIT 419R/619R	MRI PHYSICS & SYSTEMS I	2*
MIT 420R/620R	MRI PHYSICS & SYSTEMS II	2*

MITS 425R/625R	MRI POSITION & PROTOCOL I	2*
MITS 441R/641R	MRI POSITIONING & PROTOCOLS II	2*

Medical Laboratory Science Courses

Code	Title	Credit Hours
MLS 302	INTRODUCTION TO HEMATOLOGY	3
MLS 404	IMMUNOLOGY	3

Medical Nutrition

Code	Title	Credit Hours
MNED 477	NUTRITION IN THE MANAGEMENT OF CHRONIC DISEASES (MEDICAL NUTRITION THERAPY)	3

*Denotes experiential learning component and must have access to specialized equipment. For example, MRI Scanner.
CAHP Non-Degree Seeking Website

Fall

General CAHP Courses

Code	Title	Credit Hours
CAHP 310	MEDICAL TERMINOLOGY	2
CAHP 420	FOUNDATIONS OF INFORMATION TECHNOLOGY IN HEALTHCARE	2
CAHP 426/626	HEALTH CARE ETHICS AND CRITICAL THINKING	3
or HDS 826	HEALTH CARE ETHICS AND CRITICAL THINKING	
CAHP 430/630	SCANNING HEALTH CARE ENVIRONMENT	3
or HDS 830	SCANNING HEALTH CARE ENVIRONMENT	
CAHP 723	PRINCIPLES OF CRITICAL INQUIRY	2

General Medical Imaging & Therapeutic Science Courses

Code	Title	Credit Hours
MITS 410R/610R	SECTIONAL ANATOMY & PATHOLOGY I	4
MITS 414T/614T	ONCOLOGY SECTIONAL ANATOMY & PATHOLOGY I	2
MITS 423S/623S	PATHOLOGY FOR THE HEALTH CARE PROFESSIONAL	2
MITS 451R/651R	MRI SAFETY	1

Cardiovascular Interventional Technology Courses

Code	Title	Credit Hours
MITS 457R/657R	CARDIOVASCULAR INTERVENTIONAL TECHNOLOGY I	3

Computed Tomography Courses

Code	Title	Credit Hours
MITS 460R/660R	CT PROTOCOLS AND CROSS-SECTIONAL ANATOMY	2
MITS 461R/661R	CT PHYSICS	1

Diagnostic Medical Sonography Courses

Code	Title	Credit Hours
MITS 414S	PRACTICAL APPLICATION OF SONOGRAPHY	3
MITS 422S/622S	VASCULAR ANATOMY AND PHYSIOLOGY	3
MITS 424S/624S	BREAST SONOGRAPHY	2
MITS 432S/632S	ABDOMINAL ULTRASOUND	3
MITS 437S/637S	CARDIAC ANATOMY AND PHYSIOLOGY	3
MITS 443S/643S	FETAL ECHOCARDIOGRAPHY	2
MITS 457S/657S	PEDIATRIC SONOGRAPHY	2
MITS 458S/658S	MUSCULOSKELETAL SONOGRAPHY	2
MITS 462S/662S	VASCULAR PATHOLOGY AND HEMODYNAMICS	2

Magnetic Resonance Imaging Courses

Code	Title	Credit Hours
MITS 419R/619R	MRI PHYSICS & SYSTEMS I	2*
MITS 425R/625R	MRI POSITION & PROTOCOL I	2*

Medical Laboratory Science Courses

Code	Title	Credit Hours
MLS 404	IMMUNOLOGY	3

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Non-Degree Seeking Website (<https://www.unmc.edu/alliedhealth/academics/nondegree.html>)

Spring

General CAHP Courses

Code	Title	Credit Hours
CAHP 360	PATHOGENIC MEDICAL MICROBIOLOGY	4
CAHP 400	BIOCHEMISTRY FOR HEALTH PROFESSIONALS	3
CAHP 422	PRINCIPLES OF EDUCATION FOR HEALTH CARE PROFESSIONALS	2
CAHP 423	PRINCIPLES OF CRITICAL INQUIRY	2
CAHP 426/626	HEALTH CARE ETHICS AND CRITICAL THINKING	3
or HDS 826	HEALTH CARE ETHICS AND CRITICAL THINKING	
CAHP 431/631	MANAGEMENT IN HEALTH CARE	3
or HDS 831	MANAGEMENT IN HEALTH CARE	

General Medical Imaging & Therapeutic Science Courses

Code	Title	Credit Hours
MITS 411R/611R	SECTIONAL ANATOMY & PATHOLOGY II	4
MITS 413R	RADIOLOGIC CONTRAST AGENTS	2
MITS 415T/615T	ONCOLOGY SECTIONAL ANATOMY & PATHOLOGY II	2
MITS 423S/623S	PATHOLOGY FOR THE HEALTH CARE PROFESSIONAL	2

MITS 438N/638N	ADVANCED RADIATION BIOLOGY	3
MITS 451R/651R	MRI SAFETY	1

Cardiovascular Interventional Technology Courses

Code	Title	Credit Hours
MITS 458R/658R	CARDIOVASCULAR INTERVENTIONAL TECHNOLOGY II	3

Computed Tomography Courses

Code	Title	Credit Hours
MITS 460R/660R	CT PROTOCOLS AND CROSS-SECTIONAL ANATOMY	2
MITS 461R/661R	CT PHYSICS	1

Diagnostic Medical Sonography Courses

Code	Title	Credit Hours
MITS 407S/607S	ADVANCED OBSTETRICAL ULTRASOUND	2
MITS 408S/608S	GYNECOLOGICAL ULTRASOUND	1
MITS 409S/609S	GENITOURINARY ULTRASOUND	1
MITS 414S	PRACTICAL APPLICATION OF SONOGRAPHY	3
MITS 422S/622S	VASCULAR ANATOMY AND PHYSIOLOGY	3
MITS 424S/624S	BREAST SONOGRAPHY	2
MITS 438S/638S	CARDIAC PATHOLOGY AND HEMODYNAMICS	4
MITS 443S/643S	FETAL ECHOCARDIOGRAPHY	2
MITS 451S/651S	ULTRASOUND PHYSICS II	2
MITS 457S/657S	PEDIATRIC SONOGRAPHY	2
MITS 458S/658S	MUSCULOSKELETAL SONOGRAPHY	2
MITS 462S/662S	VASCULAR PATHOLOGY AND HEMODYNAMICS	2

Magnetic Resonance Imaging Courses

Code	Title	Credit Hours
MITS 420R/620R	MRI PHYSICS & SYSTEMS II	2*
MITS 441R/641R	MRI POSITIONING & PROTOCOLS II	2*

Medical Laboratory Science Courses

Code	Title	Credit Hours
MLS 302	INTRODUCTION TO HEMATOLOGY	3
MLS 404	IMMUNOLOGY	3

Medical Nutrition Courses

Code	Title	Credit Hours
MNED 477	NUTRITION IN THE MANAGEMENT OF CHRONIC DISEASES (MEDICAL NUTRITION THERAPY)	3

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Summer

General CAHP Courses

Code	Title	Credit Hours
CAHP 360	PATHOGENIC MEDICAL MICROBIOLOGY	4
CAHP 415/615	COMMUNICATION AND CULTURE IN HEALTHCARE (Online)	3
or HDS 815	COMMUNICATION AND CULTURE IN HEALTHCARE	

General Medical Imaging and Therapeutic Science Courses

Code	Title	Credit Hours
MITS 423S/623S	PATHOLOGY FOR THE HEALTH CARE PROFESSIONAL	2
MITS 440R	CASE STUDIES & JOURNAL REVIEW	2
MITS 451R	MRI SAFETY	1

Computed Tomography Courses

Code	Title	Credit Hours
MITS 460R/660R	CT PROTOCOLS AND CROSS-SECTIONAL ANATOMY	2
MITS 461R/661R	CT PHYSICS	1

Diagnostic Medical Sonography Courses

Code	Title	Credit Hours
MITS 414S	PRACTICAL APPLICATION OF SONOGRAPHY	3
MITS 422S/622S	VASCULAR ANATOMY AND PHYSIOLOGY	3
MITS 424S/624S	BREAST SONOGRAPHY	2
MITS 443S/643S	FETAL ECHOCARDIOGRAPHY	2
MITS 455S/655S	HIGH RESOLUTION SONOGRAPHY	1
MITS 456S/655S	NEUROSONOGRAPHY	2
MITS 457S/657S	PEDIATRIC SONOGRAPHY	2
MITS 458S/658S	MUSCULOSKELETAL SONOGRAPHY	2
MITS 462S/662S	VASCULAR PATHOLOGY AND HEMODYNAMICS	2

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