BACHELOR OF SCIENCE IN MEDICAL IMAGING & THERAPEUTIC SCIENCES DAO

The BSMITS Degree Advancement Option (DAO) is offered through the University of Nebraska Medical Center (UNMC) campus and provides working radiation sciences professionals the opportunity to earn an advanced degree while continuing to work in their professions.

Qualified candidates are mentored by a faculty advisor who works with students to develop an Individual Plan of Study for degree completion. The Plan of Study includes a core of required management and education courses and a selection of radiation science courses that tailor students’ clinical and educational background to their professional goals.

A minimum of 20 semester hours of coursework from UNMC must be completed to qualify for degree completion. Students must be awarded a minimum of 120 total semester hours of college credit to be eligible to graduate from UNMC; therefore, additional coursework may be required. Students are allowed up to five years to complete the degree advancement option; however, it is possible to complete the program in three semesters.

Courses are available through a variety of distance learning technologies. Students are required to write papers, complete projects, conduct research, communicate with professors and students online, work independently on assignments and with coworkers on group projects, do case presentations and take quizzes and exams.

The University of Nebraska Medical Center, College of Allied Health Professions (CAHP) is accredited by the North Central Association of Colleges and Colleges. The BSMITS option is considered a degree advancement program and does not include a professional clinical component; therefore, it is not under the purview of the Joint Review Commission on Education in Radiologic Technology (JRCERT).

Admission to the Program

Admission Requirements

Applicants to the Degree Advancement Option (DAO) must:

- Complete a minimum of 100 transferable semester hours, 40 hours of which comes from specific college prerequisite courses (listed below) and a maximum of 60 semester hours from an accredited medical imaging program.
- Be a graduate of an accredited radiography, radiation therapy, sonography, or nuclear medicine technology program (or other approved radiation science professional program) and be registered and in good standing with the ARRT, ARDMS and/or NMTCB and meet each of the following additional criteria:
  - Present a cumulative GPA of at least 2.5 on a 4.0 scale.
  - Present a professional program GPA of at least 3.0 on a 4.0 scale.
  - Provide proof of registration by the ARRT, ARDMS and/or NMTCB.
  - Provide proof they are currently authorized to practice in the state in which they are employed in the form of a license or certificate issued by the appropriate State authority.

Participant Requirements

Participants need to possess computer operating system skills and have easy access to a computer with a high speed Internet connection and up-to-date software. You may also need to purchase or have access to a digital camera and video camera. A local preceptor, or proctor, will be required (usually a supervisor who agrees to work with you to proctor exams and/or evaluate presentations) and you will need access and permission to follow cases at the facility where you work. To review the requirements and responsibilities for the preceptor/proctor please go to the How to Apply page and open the Preceptor Agreement.


University / College Prerequisites

Language and/or Social Sciences

Nine (9) semester hours are required. These courses may include but are not limited to composition, literature, communication, speech, foreign language, philosophy, sociology, psychology, art, history, religion, ethics, etc.

Mathematics

Three (3) semester hours of mathematics or statistics are required.

Natural Sciences

Nine (9) semester hours are required. These courses may include but are not limited to biology, chemistry physics and/or earth science.

Electives

Ten (10) to thirty (30) semester hours are required depending on the number of hours needed to meet admissions requirements. The courses accepted for this requirement are subject to approval.

Request a transcript evaluation (rstedco@unmc.edu).

All applications and transcripts are reviewed by CAHP Academic and Student Affairs on a case-by-case basis. Grades lower than “C” will not transfer for credit. Additional coursework may transfer for credit; course description and syllabus may be requested for evaluation of equivalency with UNMC.

We will not accept AP, CLEP, or DANTES credit toward the Mathematics, or Science requirements. Any AP, CLEP or DANTES credit earned in these categories will be used as elective prerequisite credit only. A maximum of 6 semester hours of College Level Examination Program (CLEP), Advanced Placement Program (APP) or Defense Activity for Non-Traditional Education Support (DANTES) will be accepted for transfer.

Applicants will be considered without regard to age, sex, race, color, national origin, religion, political beliefs, or disability. Motivational factors, life experience, patient care experience, maturity, and references are important factors in the admission process.

How to Apply

For information on how to apply to the BSMITS DAO, visit the "How to Apply" (https://www.unmc.edu/alliedhealth/education/online/bsmits/apply.html) website. For information on application deadlines and interview dates, visit the "Application Deadline" (http://www.unmc.edu/alliedhealth/education/deadlines.html) website.

Academic Progress
Students enrolled in the BSMITS Degree Advancement Option are expected to make satisfactory academic progress toward the completion of their Individual Plan of Study and degree requirements. All courses must be passed with a grade of “C” or better and a 2.0 cumulative grade point average (GPA) must be maintained throughout enrollment in the program. Courses may be repeated only once, and a cumulative GPA below 2.0 at the completion of any semester will result in dismissal from the program.

Degree Completion

Upon successful completion of BSMITS curriculum, students will receive diploma and graduation information from UNMC Student Services. Students must be awarded a minimum of 120 total semester hours of college credit (UNMC courses + transfer credit + professional certification credit) by the UNMC Office of Academic Records in order to be eligible to graduate from UNMC.

To obtain your transcripts, please visit the UNMC Student Services website (http://www.unmc.edu/studentsservices).

Diplomas are issued three times each year - May, August and December - dependent upon the student’s completion of all requirements by the deadline dates set by the Program. Graduates of the BSMITS DAO are welcome to participate in the graduation ceremonies in Omaha, Nebraska (May and December only).

Continuing Education

For the purpose of reporting continuing education activity to the American Registry of Radiologic Technologists (ARRT), DAO courses awarded continuing education credit (AMA category 1) by the CCE qualify as ARRT category B credit. Upon completion of a course and receipt of an official UNMC transcript, course activity meets the definition of an Approved Academic Course and qualifies as ARRT category A credit. Your biennium period should be considered when determining whether or not to submit coursework for category A or B, as you must have the appropriate documentation of the activity.

Curriculum

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
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<tbody>
<tr>
<td>CAHP 423</td>
<td>PRINCIPALS OF CRITICAL INQUIRY</td>
<td>2</td>
</tr>
<tr>
<td>MITS 440R</td>
<td>CASE STUDIES &amp; JOURNAL REVIEW</td>
<td>2</td>
</tr>
<tr>
<td>CAHP 430</td>
<td>SCANNING HEALTH CARE ENVIRONMENT</td>
<td>3</td>
</tr>
<tr>
<td>CAHP 431</td>
<td>MANAGEMENT IN HEALTH CARE</td>
<td>3</td>
</tr>
<tr>
<td>Total Credit Hours</td>
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<td>10</td>
</tr>
</tbody>
</table>

A minimum of 20 semester credit hours must be completed at UNMC. BSMITS elective course offerings are listed below. All courses are subject to change based on instructor availability, enrollment, and technology. All DAO courses are offered at least once each academic year (August–August).