AGENDA

✓ Quick & Dirty Overview of Program Admission Prerequisites

✓ Application Process – “How to apply”

✓ Program Overview
MEDICAL LABORATORY SCIENCE

Admissions Prerequisites:

77 semester hours (or 115.5 quarter hours) - Only 66 semester hours (99 quarter hours) will be accepted from a community college

**Biological Sciences (16 semester hours) including:**
- Microbiology
- Genetics or Molecular Biology
- Immunology

**Chemistry (14 semester hours) including:**
- Minimum of two upper level (200 level or above) Chemistry courses

**English Composition (3 semester hours)**

**Mathematics (3 semester hours)**
- Statistics is preferred

Undergraduate cumulative GPA of at least 2.5 based on a 4.0 scale
Science and mathematics GPA of at least 2.5 based on a 4.0 scale
RADIATION SCIENCE – PRIMARY

RADIOGRAPHY Admissions Prerequisites:

50 semester hours (or 75 quarter hours) – 60 semester hours preferred (90 quarter hrs)

Anatomy & Physiology w/ lab (4 semester hours; 8 sem hrs suggested)
College or General Chemistry with lab (4 semester hours)
College or General Physics (4 semester hours)
College Algebra or higher (3 semester hours)
Statistics (3 semester hours)
Medical Terminology (2 semester hours)
English Composition (6 semester hours)
Humanities (3 semester hours) and Social Sciences (3 semester hours)
  Psychology & Sociology preferred
Speech / Oral Communication / Public Speaking (3 semester hours)
Electives (15 semester hours)

Undergraduate cumulative GPA of at least 2.5 on a 4.0 scale
Admissions Prerequisites: (vary per program)

Range 21-34 TOTAL semester hours

Language / Social Sciences
- Course work meeting these requirements may include, but is not limited to, literature, composition, communication, speech, foreign language, philosophy, psychology, sociology, art, history, or religion.

Mathematics
- Mathematics or Statistics

Natural Sciences
- Course work meeting this requirement may include, but is not limited to, anatomy, physiology, biology, chemistry, physics, or earth science.

Completion of accredited radiography program
Certification in their profession (ARRT) – registered & in good standing

Undergraduate cumulative GPA of 2.5 on a 4.0 scale
Radiography / Radiologic Technology program GPA of 3.0 on a 4.0 scale
RADIATION SCIENCE – Non Degree
Computed Tomography

One semester non-degree seeking practicum for preparation of certification exam

Admissions Prerequisites:

Completion of accredited radiography program
Certification in their profession (ARRT) – registered & in good standing

Undergraduate cumulative GPA of 2.5 on a 4.0 scale
Radiography / Radiologic Technology program GPA of 3.0 on a 4.0 scale
CLINICAL PERFUSION

Admissions Prerequisites:

Bachelor’s Degree

**Biological Sciences** (12 semester hours)

**Chemistry** (6 semester hours)

**Physics** (3 semester hours)

**Mathematics** (3 semester hours)

Undergraduate cumulative GPA of at least 2.5 based on a 4.0 scale
Application for Admission

Requirements:
✓ Submission of UniCAS Online Application
✓ $70 application fee
✓ Official transcripts from all institutions attended
✓ Resume
✓ Narrative / Personal Statement
✓ Letters of Recommendation
  (2 – CLS ; 3 – all other programs)
Welcome to UNMC

Welcome!

As Nebraska's only public academic health science center, UNMC is committed to the education of a 21st century health care workforce, to finding cures and treatments for devastating diseases, and to providing the best care for patients.

To become a vital member of UNMC, you may apply to non-degree, baccalaureate, certificate, master and doctoral programs and courses within Graduate Studies and College of Allied Health Professions using this application.

Thank you for looking to UNMC to reach your educational goals.

Sign in with your username and password below. First time here? Select Create an Account to get started.

- Username
- Password

Sign In

Create an Account

Forgot your username or password?
UniCAS Application

Program Selection

a. Select Program that you are applying to and for which term

<table>
<thead>
<tr>
<th>PROGRAM NAME</th>
<th>LEVEL</th>
<th>CONCENTRATION</th>
<th>START YEAR</th>
<th>START TERM</th>
<th>CITY</th>
<th>STATE</th>
<th>DEADLINE</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSRST DAO</td>
<td>Bachelor</td>
<td></td>
<td>2016</td>
<td>Summer 1</td>
<td>Omaha</td>
<td>NE</td>
<td>02/13/2016</td>
</tr>
<tr>
<td>BSRST DAO-copy-1</td>
<td>Bachelor</td>
<td></td>
<td>2016</td>
<td>Fall</td>
<td>Omaha</td>
<td>NE</td>
<td>05/15/2016</td>
</tr>
<tr>
<td>Cardiovascular Interventional Technology (CVIT) Program (Bachelor)</td>
<td>Bachelor</td>
<td>CVIT</td>
<td>2016</td>
<td>Fall</td>
<td>Omaha</td>
<td>NE</td>
<td>01/15/2016</td>
</tr>
<tr>
<td>Cardiovascular Interventional Technology (CVIT) Program (Post Bacc)</td>
<td>Post Baccalaureate Certificate</td>
<td>CVIT</td>
<td>2016</td>
<td>Fall</td>
<td>Omaha</td>
<td>NE</td>
<td>01/15/2016</td>
</tr>
<tr>
<td>Clinical Laboratory Science</td>
<td>Bachelor</td>
<td>N/A</td>
<td>2016</td>
<td>Fall</td>
<td>Omaha</td>
<td>NE</td>
<td>10/12/2015</td>
</tr>
<tr>
<td>Clinical Laboratory Science Distance</td>
<td>Bachelor</td>
<td></td>
<td>2016</td>
<td>Fall</td>
<td>Omaha</td>
<td>NE</td>
<td>02/22/2016</td>
</tr>
<tr>
<td>Clinical Perfusion</td>
<td>Masters</td>
<td></td>
<td>2016</td>
<td>Fall</td>
<td>Omaha</td>
<td>NE</td>
<td>01/15/2016</td>
</tr>
<tr>
<td>Computed Tomography (CT) Practicum</td>
<td>Undergraduate Non-Degree</td>
<td>CT</td>
<td>2016</td>
<td>Summer 1</td>
<td>Omaha</td>
<td>NE</td>
<td>01/15/2016</td>
</tr>
</tbody>
</table>

- This program has been added to your selections

- Cytotherapy
  - Post Baccalaureate Certificate
  - Cytotherapy
    - 2016
    - Fall
    - Omaha
    - NE
    - 06/15/2016

- Cytotherapy Satellite Site
  - Post Baccalaureate Certificate
  - Cytotherapy
    - 2016
    - Fall
    - Omaha
    - NE
    - 05/01/2016
My Application

This dashboard is your application home providing access to each part of the application you need to complete and a high level overview of your progress.

Latest Notifications

UNMC application — Account updated 03/30/2014

Evaluation Submitted 01/18/2016

View My Notifications

Personal Information

1/5 Sections Completed

Academic History

3/4 Sections Completed

Supporting Information

1/4 Sections Completed

Program Materials

0/1 Sections Completed
UniCAS Application – Personal Information

Biographic Information
   a. Enter Legal Name*, Date of Birth*, and Gender.

Contact Information
   a. Enter contact information including permanent address* (mailing address if different than permanent), phone*, email*, and emergency contact*.

Citizenship Information
   a. Enter identification information including citizenship status*, social security number, and military status.
   b. Residency information

Race & Ethnicity
My Application

This dashboard is your application home providing access to each part of the application you need to complete and a high level overview of your progress.

Latest Notifications

- UNMC application - Account updated
  01/22/2016

- Evaluation Submitted
  01/15/2016

View My Notifications

Personal Information

1/5 Sections Completed

- Biographic Information
- Contact Information
- Citizenship Information
- Race & Ethnicity
- Other Information

UNMC
UniCAS Application – Academic History

**Academic History**
- a. High School Information – enter information about the high school from which you graduated.
- b. College Information – enter information about all institutions you have attended

**Transcript Entry**
- a. Enter all course work and grades completed and in progress

**PreRequisite Designation**
- a. Enter all course work and grades completed and in progress

**Standardized Test Score Reporting**
- a. GRE
  - a. Clinical Perfusion ONLY
- b. TOEFL
- c. CLEP, AP, DANTES
<table>
<thead>
<tr>
<th>Prerequisites for this program</th>
<th>Credits</th>
<th>Grade</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mathematics</td>
<td>2</td>
<td>4</td>
<td>College Algebra or Higher. Statistics is recommended.</td>
</tr>
<tr>
<td>Mathematics</td>
<td>6</td>
<td>3</td>
<td>College Algebra or Higher. Statistics is recommended.</td>
</tr>
<tr>
<td>English</td>
<td>2</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Elective</td>
<td>2</td>
<td>3</td>
<td>Recommended Math, Science or Physics-based. Cannot be remedial in nature and cannot be Physical Education or Technical courses. May include Arts, Humanities, Social Sciences, Sciences, and Foreign Languages.</td>
</tr>
<tr>
<td>Elective</td>
<td>2</td>
<td>3</td>
<td>Recommended Math, Science or Physics-based. Cannot be remedial in nature and cannot be Physical Education or Technical courses. May include Arts, Humanities, Social Sciences, Sciences, and Foreign Languages.</td>
</tr>
</tbody>
</table>
Select Your Mathematics Course

College Algebra or Higher. Statistics is recommended.

Minimum Credits 2 | Minimum Grades 4

<table>
<thead>
<tr>
<th>Transcript</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>FLORIDA ATLANTIC UNIVERSITY Transcript</td>
<td>1</td>
</tr>
<tr>
<td>CLARKSON COLLEGE Transcript</td>
<td>0</td>
</tr>
<tr>
<td>ARGOSY UNIVERSITY-HAWAII Transcript</td>
<td>0</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Winter 2010</th>
</tr>
</thead>
<tbody>
<tr>
<td>COURSE CODE</td>
</tr>
<tr>
<td>------------</td>
</tr>
<tr>
<td>CALC101</td>
</tr>
<tr>
<td>ANA</td>
</tr>
</tbody>
</table>


UniCAS Application – Supporting Information

Experiences
   a. Enter experiences; job shadow, volunteer, etc

Achievements
   a. Enter awards, honors, etc

Licenses & Certifications
   a. Enter any licenses or certifications

Release Statement
   a. “sign off” on your understanding of the application process
Supporting Information Quadrant
UniCAS Application – Program Materials

Evaluations
a. Enter contact information for recommenders

Essay / Narrative / Personal Statement
a. Upload personal statement / narrative

Program Specific Questions
a. Specific questions
   a. Clinical Site Preference
   b. Pipeline participation
   c. Hometown
UNMC’s Computed Tomography Practicum allows students to complete the didactic and clinical components of the practicum at a UNMC clinical site or a clinical site in their community in as little as one semester.

Upon successful completion of the CT practicum, students will be eligible to sit for the CT certification exam through the American Registry of Radiologic Technologists (ARRT).

For admissions information on the CT Practicum, visit our website.

Applicants to the CT Practicum will be evaluated for admission based on the following:

- Cumulative GPA of 2.50 or higher (on a 4.00 scale). All course grades are calculated in the GPA. GPA’s from all institutions attended are calculated in the Cumulative GPA.
- Completion of an accredited radiography program
- Three letters of evaluation from educational and professional references
- Communication skills demonstrated in MRI technologist based on a thorough knowledge of the profession

Preference Factors for admission

Only completed applications will be considered for admission.

Applicants who have completed education outside the US and/or whose language of nature or nurture is not English, see additional requirements below:

1. All course work from institutions outside the United States must be evaluated by an approved evaluation agency.
UniCAS Application – Application Materials

Official Transcripts
a. From ALL institutions attended regardless of transfer credit. If you took a class there, we need it!!

Official Score Reports
a. GRE
   a. Clinical Perfusion ONLY
b. TOEFL
c. CLEP, AP, DANTES
Program Overview
MEDICAL LABORATORY SCIENCE

Curriculum
- 11 months – 3 Phases (2 semesters)
  - Phase I – Summer Student Lab
  - Phase II – Clinical Rotations I (Chem/UA, Hemo, Blood Bank, Microbiology)
  - Phase III – Clinical Rotations II (Chem/UA, Hemo, Blood Bank, Microbiology)

Degree
- Bachelor of Science in Medical Laboratory Science (BSMLS)

Certification & Licensure
1. National Examination administered by the Board of Certification (BOC) of the American Society for Clinical Pathology (ASCP) to earn the certification as a medical laboratory scientist, MLS(ASCP)CM.
Program Overview
RADIOGRAPHY - PRIMARY

Curriculum
- 21 months – 2 Phases
  - Phase I – Didactic
    - Students get clinical experience/exposure after about 3 weeks in the classroom
  - Phase II – Clinical Rotations I
    - Students rotate through all 2nd certification program departments

Degree
- Bachelor of Science in Radiation Science Technology (BSRST)

Certification & Licensure
1. Certification – national certification examination administered by the American Registry of Radiologic Technology (ARRT)
2. Licensure – varies from state to state
Program Overview
MEDICAL IMAGING – 2\textsuperscript{nd} Certification

Curriculum

- 12 months
  - Didactic & clinical

Degree

- Post - Baccalaureate Certificate in Radiation Science Technology (UNMC Radiography)
- Bachelor of Science in Radiation Science Technology (other RT)
- Practicum Program Completion (Computed Tomography only)

Certification & Licensure

1. Certification – national certification examination administered by the American Registry of Radiologic Technology (ARRT), American Registry of Diagnostic Medical Sonography (ARDMS), Nuclear Medicine Technology Certification Board (NMTCB)
2. Licensure – varies from state to state
Program Overview
CLINICAL PERFUSION

Curriculum
• 21 months – 3 Phases
  • Phase I – Didactic
  • Phase II – Summer lab & didactic
  • Phase III – Clinical Rotations (8 months – each rotation is 1-2 months) & research project

Degree
  – Masters of Perfusion Science (MPS)

Certification & Licensure
1. Certification in Clinical Perfusion – American Board of Cardiovascular Perfusion (ABCP)
2. Licensure varies from state to state