



## School of Health Sciences

### Health Sciences Major

2017-2018 Entering Students

Articulation Agreement: MTI Radiation Therapy

49 Block Transfer Credits

Date of Graduation: \_\_\_\_\_

### University and BOR Requirements

As modified for Health Sciences

***Ensuring your future personal and professional success through liberal learning.***

**Interacting Effectively: Written and Oral Communication Skills.....9 credit hours**

Students must complete ONE (1) course from each lettered section (A – C)

- |    |                |                           |                    |                                    |
|----|----------------|---------------------------|--------------------|------------------------------------|
| A. | _____ ENGL 101 | Composition I             | _____ UHON 110     | Honors English                     |
| B. | _____ ENGL 201 | Composition II            | _____ ANTH/SOC 211 | Social Science Writing             |
|    | _____ ENGL 205 | Business Writing          | _____ CJUS 202     | Writing & Research in CJUS         |
|    | _____ ENGL 283 | Creative Writing          | _____ POLS 202     | Writing & Research in POLS         |
|    | _____ ENGL 284 | Introduction to Criticism | _____ UHON 211     | Interdisciplinary Civilizations II |
| C. | _____ SPCM 101 | Fundamentals of Speech    | _____ UHON 101     | Honors Speech                      |
|    | _____ SPCM 215 | Public Speaking           | _____ SPCM 222     | Argumentation & Debate             |

**Exploring with Data and Numbers: Quantitative Skills.....3-4 credit hours**

\_\_\_\_\_ Complete a minimum of one course at the MATH 102/Lab, MATH 103/Lab, MATH 104 level or higher or STAT 281.

**Understanding the Social and Cultural Context: Social Sciences Interactions.....6 credit hours**

Students must select TWO (2) courses from the various Social Science disciplines listed. Students **cannot** choose two courses from the same discipline.

- |                     |                                 |                |   |
|---------------------|---------------------------------|----------------|---|
| _____ ANTH 210      | Cultural Anthropology           | _____ POLS 100 | American Government                       |
| _____ ANTH 220      | Physical Anthropology           | _____ POLS 102 | American Political Issues                 |
| _____ ANTH 230      | Introduction to Archaeology     | _____ POLS 141 | Governments of the World                  |
| _____ CJUS/POLS 201 | Intro to Criminal Justice       | _____ POLS 210 | State and Local Government                |
| _____ ECON 201      | Microeconomics                  | _____ POLS 250 | World Politics                            |
| _____ ECON 202      | Macroeconomics                  | _____ PSYC 101 | General Psychology ( <b>recommended</b> ) |
| _____ EPSY 210      | Life Span Development           | _____ SOC 100  | Intro to Sociology ( <b>recommended</b> ) |
| _____ GEOG 210      | World Geography                 | _____ SOC 150  | Social Problems                           |
| _____ HIST 151      | US History I                    | _____ SOC 250  | Courtship and Marriage                    |
| _____ HIST 152      | US History II                   | _____ SUST 201 | Sustainability and Society                |
| _____ INED 211      | SD American Indian Culture & Ed | _____ UHON 111 | Ideas in History                          |
| _____ NATV 110      | The Native Studies Discipline   | _____ UHON 210 | Interdisciplinary Civilization I          |

## Depicting the Human Condition: Humanities and Fine Arts.....6 credit hours

Students complete ONE (1) course in **both** Humanities and Fine Arts.

### HUMANITIES

_____ 1 <sup>st</sup> or 2 <sup>nd</sup> semester of language other than English (g)	_____ HIST 112	World Civilizations II
_____ ENGL 210	_____ HIST 121	Western Civilization I
_____ ENGL 211	_____ HIST 122	Western Civilization II
_____ ENGL 212	_____ MCOM 151	Intro to Mass Communication
_____ ENGL 214	_____ PHIL/CLHU 100	Introduction to Philosophy
_____ ENGL 221	_____ PHIL 200	Introduction to Logic
_____ ENGL 222	_____ PHIL 220	Ethics
_____ ENGL 241	_____ REL 224	Old Testament
_____ ENGL 242	_____ REL 225	New Testament
_____ HIST 111	_____ REL 250	World Religions

### FINE ARTS

_____ ART 111	Drawing I	_____ MUS/ANTH 240	Music Cultures of the World
_____ ART 112	Drawing II	_____ MUAP	Any music lesson
_____ ART 121	Design I	_____ MUS 110	Music Theory I
_____ ARTH 100	Art Appreciation	_____ MUEN	Any music ensemble course
_____ ARTH/HIST 211	History of World Art I	_____ THEA 100	Intro to Theatre
_____ ARTH/HIST 212	History of World Art II	_____ THEA 131	Intro to Acting
_____ AIS/ARTH 251	American Indian Art History	_____ THEA 201	Film Appreciation
_____ GFA 101	Introduction to Fine Arts	_____ THEA 231	Acting I
_____ MUS 100	Music Appreciation		

## Investigating How the World Works: Natural Sciences.....8 credit hours

Students complete two (2) laboratory sciences from the list below; please note that some combinations will NOT be allowed.

_____ BIOL 101/L	Biology Survey I	_____ MTRO 101/L	Meteorology
_____ BIOL 103/L	Biology Survey II	_____ PHGY 220/L	Human Anatomy & Physiology I
_____ BIOL 151/L	General Biology I	_____ PHGY 230/L	Human Anatomy & Physiology II
_____ BIOL 153/L	General Biology II	_____ PHYS 111/L	Intro to Physics I
_____ CHEM 106/L	Chemistry Survey I (pre-req to PHGY 220)	_____ PHYS 113/L	Introduction to Physics II
_____ CHEM 107/L	Chemistry Survey II	_____ PHYS 185/L	Elementary Astronomy I
_____ CHEM 112/L	General Chemistry I	_____ PHYS 187/L	Elementary Astronomy II
_____ CHEM 114/L	General Chemistry II	_____ PHYS 211/L	University Physics I
_____ CHEM 116/L	Honors Chemistry	_____ PHYS 213/L	University Physics II
_____ ESCI 101/L	Dynamic Earth	_____	Elementary Education Foundational Sciences (BIOL 104/ESCI 104 and PHYS 104/CHEM 104)
_____ ESCI 103/L	Earth and Life Through Time		

## Major, Minor and Experiential Learning

The major and degree requirements as well as a variety of experiential learning opportunities enable USD students to develop an integrated expertise, preparing them for the diverse world that awaits after graduation. Please consult your academic programs 4-year plan at [catalog.usd.edu](http://catalog.usd.edu).

## Experiential Learning

To prepare themselves for work and learning after graduation, student should also participate in high impact practices such as:

***Internships - Service Learning - Study Abroad - Undergraduate Research***

## Degree Audit

Student should request an audit at the Registrar's Office after **finishing 75 credits**, and after every subsequent semester.

## Health Science Major Requirements

### REQUIRED COURSES FOR ALL MAJORS.....27 credit hours

Complete ALL of the following:

_____	HSC 110	Interprofessional Health Team*	3 cr.
_____	HSC 305	Professional Communication & Relationship-Centered Care	3 cr. [20 hrs. Service Learning]
_____	HSC 310	Health Care Delivery	3 cr.
_____	HSC 315	Introduction to Public Health	3 cr.
_____	HSC 350	Principles of Health Care	3 cr. [20 hrs. Service Learning]
_____	HSC 360	Technology in Care Delivery	3 cr.
_____	HSC 380	Health Literacy and Culture Care	3 cr. [20 hrs. Service Learning]
_____	HSC 450	Patient Safety & Quality Improvement	3 cr.
_____	HSC 460	Leading Change	3 cr.

*\*Students with an associate degree in a health-related field may choose a replacement elective for HSC 110 with advisor approval.*

### Non-Departmental Requirements.....17 credit hours

Students must complete ONE (1) course from each lettered section (A – C) and ONE (1) science sequence for 8 credits (D).

\*For students opting to complete the Articulation Pathway or Paramedics Specialization, select 300/400 level courses to fulfill degree requirements.

A.	_____	HSAD 325	Gerontology & Long Term Care	3 cr.
	_____	HSC 325	Global Health	3 cr.
	_____	HSC 375	The United States and Global Healthcare Systems	3 cr. <b>(Travel Abroad)</b>
	_____	HSC/NATV 330	Native People's Health Care, Promotion & Policy	3 cr.
	_____	HSC 400/500	Clinical Analytics	3 cr.
B.	_____	ADS 412	Alcohol and Drug Use in Diverse Populations	3 cr.
	_____	ADS 415	Native Americans and Substance Use and Abuse	3 cr.
	_____	HSC 275	Comparative Cultures, Theory and Leadership in Healthcare	3 cr. <b>(Travel Abroad)</b>
	_____	HSC 320	Epidemiology	3 cr.
	_____	HSC 475/575	Process and Outcomes Evaluation	3 cr.
C.	_____	HSC 250	Healthcare Terminology in a Clinical Setting	3 cr.
	_____	HSC 370	Computerized Medical Records and Regulatory Compliance	3 cr.
	_____	HSC 440	Major Issues in Health and Human Services	3 cr.
	_____	SPAN 120	Medical Spanish I	3 cr.
	_____	SPCM 440	Health Communication	3 cr.
D.	_____	PHGY 220/220L	Human Anatomy/Physiology I w/Lab	4 cr. (prerequisite: CHEM 106/CHEM 106 Lab)
	_____	PHGY 230/230L	Human Anatomy/Physiology II w/Lab	4 cr.
		<b>OR</b>		
	_____	HSC 280/280L	The Essentials of Human Anatomy and Physiology w/Lab	5 cr.
	_____	HSC 281	Human Disease	3 cr.

**You need 120 credit hours to graduate with a BS in Health Sciences.**

A minor is not required but is encouraged as an area of interest.

## **Program to Program Articulation Agreement – MTI Radiation Therapy**

Upon successful completion of the requirements of the AAS Degree in Radiation Therapy, **USD will accept a block of forty-nine (49) technical course credits.** In addition to the Radiation Therapy technical course block credits, general education coursework that transfers as equivalent courses will be transferrable.

Students must meet all Board of Regents policies and university graduation requirements in order to receive a degree.

USD will waive the graduation requirement that 16 of the last 32 credits for the baccalaureate degree must be earned as institutional credit.

### **Pathway One: Reverse Articulation**

(Completing years one and two at USD, years three and four at MTI, and transferring MTI Radiation Therapy credits back to USD for completion of degree)

- A. Students will complete the required Health Sciences Major courses through the University of South Dakota during the first two years of their education. During the third year of their education, they will enter the Radiation Therapy program at MTI and complete the requirements for the AAS in Radiation Therapy at the end of the fourth year.
- B. Upon successful completion of the requirements of the AAS degree in Radiation Therapy, the student will transfer back to USD and apply for graduation. At that time, USD will accept a block of 49 technical course credits in transfer. In addition to the Radiation Therapy technical course block credits, general education coursework that is equivalent to Regional courses will be transferrable and accepted by USD.
- C. USD will waive the graduation requirement that 16 of the last 32 credits for the baccalaureate degree must be earned as institutional credit.
- D. Students must meet all other Board of Regents and university graduation requirements in order to receive a degree.

### **Pathway Two: Forward Articulation**

(Completing the AAS in Radiation Therapy at MTI and transferring to USD to complete the Bachelor of Science in Health Sciences)

- A. Upon successful completion of the requirements of the AAS Radiation Therapy, students may transfer to USD to complete the BS in Health Sciences. At that time, USD will accept a block of 49 technical course credits from the AAS degree in Radiation Therapy. Students must successfully complete the AAS degree in Radiation Therapy from MTI prior to transferring to USD for the technical course credits to be accepted. Transferable general education coursework in addition to the 49 technical course block credits will also be accepted.
- B. Students will complete the requirements for the Health Sciences Major and any other general education or free elective requirements that remain unsatisfied.
- C. Students must meet all Board of Regents policies and university graduation requirements in order to receive a degree.