PennWest UNIVERSITY

Degree: Bachelor of Science
College: Health Sciences and Human Services
Major: Medical Imaging Sciences
Major Code: MEDI
Concentration: Radiologic Technology (RADT)
Traditional, On-Campus program

Credits Required: 120

Minor: N/A
Minor Code: N/A

General Education

Foundations: (9 Credits)

Oral Communication (3 Credits)

☐ COMJ 1010 Public Speaking

Quantitative Reasoning (3 Credits)

☐ STAT 2020 Elements of Statistics

Technological Literacy

Technological Literacy Requirement – waived for medical imaging (See Footnote #3)

Written Communication (3 Credits)

☐ ENGL 1200 College Composition

Discoveries: (Credits 27-28)
At least two (2) disciplines must be represented within each of the three (3) categories.

Art/Humanities (9 Credits)

☐ PHIL 3220 Biomedical Ethics

☐ _____

☐ _____

Natural Sciences & Technology (9-10 Credits)

☐ BIOL 2810 Human Anatomy & Physiology I Lecture
☐ ~And ~ BIOL 2811 Human Anatomy & Physiology I Lab

☐ CHEM 1050 Chemistry for Allied Health I

☐ PHYS 1178 Discovering Phys Sciences

Social Sciences (9 Credits)

☐ SOCI 1000 Introduction to Sociology *recommended*

☐ PSYC 1000 Introduction to Psychology *recommended*

☐ _____

Elective/Wellness & Personal Health: (3 Credits)

☐ SPT 1211 Health and Personal Performance *recommended*

Competencies:

Applied Methodologies

☐ BIOL 2811 Human Anatomy & Physiology I Lab

Ethical Reasoning

☐ PHIL 3220 Biomedical Ethics

Information Literacy

☐ ALHL 3301 Research Methods for Health Sciences

Intercultural Fluency

☐ Any Course

Keystone Experience

☐ ALHL 4900 Allied Health Leadership Capstone

Quantitative Applications

☐ Any Course

Writing Intensive - Two (2) courses are required

☐ ALHL 4900 Allied Health Leadership Capstone
☐

Program Requirements

Required Major Courses: (60 Credits)

☐ ALHL 1201 Introduction to the Healthcare Environment
☐ ALHL 2101 Medical Terminology
☐ ALHL 3301 Research Methods for Health Sciences
☐ ALHL 4900 Allied Health Leadership Capstone
☐ BIOL 3810 Human Anatomy & Physiology II Lecture
☐ ~And~ BIOL 3811 Human Anatomy & Physiology II Lab
☐ MATH 1210 Intermediate Algebra
☐ MEDI 3110 Radiologic Technology Clinical I
☐ MEDI 3120 Radiologic Technology Clinical II
☐ MEDI 3130 Radiologic Technology Clinical III
☐ MEDI 4110 Radiologic Technology Clinical IV
☐ MEDI 4120 Radiologic Technology Clinical V
☐ MEDI 4130 Radiologic Technology Clinical VI

Free Elective: (18 Credits)

Student need to take 18 free electives courses to total 120 credits for the BS degree. (***See Footnote #7)***

Important Program Notes

1. 120 credits is required for the BS, Medical Imaging Sciences degree.
2. This advisement sheet is for traditional, on-campus students. On line degree completion students should refer to the corresponding advisement sheet for online students.
3. Technology Literacy requirement is waived for medical imaging sciences majors.
4. Clinical MEDI placeholder coursework is completed full-time face-to-face at a partnering clinical school in radiologic technology to which the student has been admitted. (Admission to a clinical school is competitive and is not guaranteed.)
5. Students should check clinical school websites to confirm required admission criteria including prerequisites and admission processes.
6. Consult with academic advisor about ALHL 4900 regarding taking course in fall or spring semester of final year at clinical school.
7. 42 credits of clinical MEDI placeholder coursework is needed to satisfy requirements in the major, but to be eligible to sit for the ARRT national certification examination and to work in the field of radiologic technology, the student must complete the entire clinical school program. Students will therefore be granted a total of 60 clinical MEDI placeholder credits for completion of a clinical school program. The additional 18 clinical MEDI placeholder credits earned beyond the 42 required in the major may be used to satisfy 18 credits of free electives.

Updated 7/1/2024

Suggested Traditional On-Campus Four Year Course Sequence

Year 1

Fall Semester

CHEM 1050 Chemistry for Allied Health I
ALHL 2101 Medical Terminology
ALHL 1201 Intro to the Health Care Environment
Social Science: SOCI 1000 Introduction to Sociology recommended
ENGL 1200 College Composition

Spring Semester

MATH 1210 Intermediate Algebra
Social Science: PSYC 1000 Introduction to Psychology recommended
COMJ 1010 Public Speaking
PHYS 1178 Discovering Physical Science
Arts & Humanities Course

Year 2

Fall Semester

BIOL 2810 Human Anatomy & Physiology I Lecture
~And~ BIOL 2811 Human Anatomy & Physiology I Lab
PHIL 3220 Biomedical Ethics
Social Sciences Course
Arts and Humanities Course

Spring Semester

BIOL 3810 Human Anatomy & Physiology II Lecture
~And~ BIOL 3811 Human Anatomy & Physiology II Lab
STAT 2020 Elements of Statistics
ALHL 3301 Research Methods for Health Sciences
Elective or Well: SPT 1211 Health & Personal Perf recommended
Free Elective, 2cr. ***

Year 3

Fall & Spring Semesters

30 credits of full-time clinical MEDI placeholder coursework in radiologic technology. **(See Footnote #4)**

Upon completion of first full year of clinical school, student will have earned 30 credits of MEDI placeholder coursework. 21 of the 30 clinical credits will be placeholder credits in the major. 9 credits of free electives should be used to earn 9 additional placeholder credits.

Year 4

Fall & Spring Semesters

ALHL 4900, Allied Health Leadership Capstone (3 Credits) **
30 credits of full-time clinical MEDI placeholder coursework in radiologic technology. **(See Footnote #4)**

Upon completion of first full year of clinical school, student will have earned 30 credits of MEDI placeholder coursework. 21 of the 30 clinical credits will be placeholder credits in the major. 9 credits of free electives should be used to earn 9 additional placeholder credits.

****Consult with academic advisor about ALHL 4900 regarding taking course in fall or spring semester of final year at clinical school.