**PROGRAM CHANGES**

WEBER STATE UNIVERSITY

**Submission Date: November 20, 2014**

**Submitter Name: Kraig Chugg, Chair**

**College: Dumke College of Health Professions**

**Department**: **Health Sciences**

**Program Title:** **Associate of Science in Health Sciences (ASHS)**

Check all that apply:

X\_\_New course(s) required for major, minor, emphasis, or concentration.

X\_\_Modified course(s) required for major, minor, emphasis, or concentration.

X\_\_Credit hour change(s) required for major, minor, emphasis, or concentration.

\_\_\_\_Credit hour change(s) for a course which is required for the major, minor, emphasis, or concentration.

\_\_\_\_Attribute change(s) for any course.

\_\_\_\_Program name change.

\_\_\_\_Deletion of required course(s).

\_\_\_\_Program mode of delivery/format change (Graduate Programs ONLY)

\_\_\_\_Other changes (specify) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**JUSTIFICATION:**

The justification for the modifications of the Associate of Science in Health Sciences (ASHS) degree is two-fold. First, federal financial aid regulations are requiring that Weber State University discontinue the use of its “applicant” majors. Historically, students declare these majors as they work to complete their prerequisite courses for the competitive programs across campus, and in this case, in the Dumke College of Health Professions. Because the “applicant” majors are not programs of study and do not lead to a specific academic degree, federal financial aid will not be available to these students.

Second, the Dumke College of Health Professions would like to increase the interdisciplinary academic and career opportunities to students who do not get accepted into one of the Health Professions programs. Currently, acceptance rates for the selective programs in the College averages around 20%. The proposed degree changes will provide students with an early exposure to their desired field of study as well as potential certification, licensure, and career opportunities even if they are never accepted into a Health Professions program. For example, a student completing the ASHS – Radiologic Sciences Track will be eligible to complete a standardized exam for a Limited Practical Technician license. A student completing the ASHS – Medical Laboratory Sciences Track will receive a Clinical Laboratory Assistant (CLA) certificate or completion. Other proposed tracks will seek to provide similar opportunities in the areas of nursing, respiratory therapy, and dental hygiene.

The ASHS curriculum includes all general education courses required for an associate of science degree, courses required as prerequisites for DCHP professional programs, and discipline-specific courses. Dumke College of Health Professions faculty are currently teaching all of the college-specific courses required for this degree.

**Copy the present program from the current catalog and add the required changes (exactly as you wish them to appear in the catalog). Use strikeout (~~strikeout~~) when deleting items in the program and highlight (highlight) when adding items. If multiple changes are being proposed, please provide a summary.**

The Associate of Science in Health Sciences (ASHS) prepares students for entrance into a wide variety of health professions programs currently housed in the Dumke College of Health Professions (DCHP) such as Dental Hygiene, Emergency Care and Rescue, Nursing, ~~Radiologic Technology,~~ Radiologic Sciences, Respiratory Therapy, ~~Clinical Laboratory Sciences~~, Medical Laboratory Sciences, Health Information ~~Systems~~ Management, and Health Administrative Services. It also serves as a preparatory associate~~’s~~ degree for other Weber State University Bachelor of Science majors including: Anthropology, Gerontology, Athletic Training, Athletic Therapy, Health Promotion ~~Education~~, Human Performance Management, Recreation, ~~Technical~~ Sales and Service Technology, and ~~many~~ the Bachelor of Integrated Studies (BIS) ~~programs~~.

Students can choose to complete an ASHS degree or a specific ASHS degree track to customize their academic program: Associate of Science in Health Sciences – Dental Hygiene Track, Associate of Science in Health Sciences – Nursing Track, Associate of Science in Health Sciences – Radiologic Sciences Track, Associate of Science in Health Sciences – Medical Laboratory Sciences Track, and the Associate of Science in Health Sciences – Respiratory Therapy Track. The ASHS degree tracks are designed to expose students to a health professions program as well as provide specific training for potential career opportunities.

**Interdisciplinary Minors**

The Health Sciences Department participates in the interdisciplinary Neuroscience Minor Program. Students who wish to enroll in this program should indicate their desire to do so with the program coordinator who will help them work out a proper combination of courses to fit their particular needs. (See the Engaged Learning, Honors, and Interdisciplinary Programs section of this catalog.)

**Grade Requirements:** An overall GPA of 2.5 or higher is required. A course grade of “C” or higher is required for all Health Sciences courses.

**Credit Hour Requirements:** A total of 60 credit hours are required for graduation~~; 20 of these are required Health Sciences courses and 40 are required general education courses.~~

**Major Course Requirements for the Associate of Science in Health Sciences Degree and Degree Tracks**

WSU General Education Requirements

**Health Sciences Core Courses Required ~~(14 credit hours)~~ (10 credit hours)**

HTHS 1101 - Medical Terminology **Credits:** **(2)**

HTHS 1110 LS - Biomedical Core **Credits:** **(4)** and

HTHS 1111 - Biomedical Core (continued) **Credits:** **(4)**

or

ZOOL 2100 - Human Anatomy **Credits:** **(4)** and

ZOOL 2200 - Human Physiology **Credits:** **(4)**

or

HTHS 1105 - Technology-Enhanced Anatomy & Physiology **Credits:** **(4)** and

HTHS 1106 - Technology-Enhanced Anatomy & Physiology (continued) **Credits:** **(4)**

**Associate of Science in Health Sciences (13 credits)**

WSU General Education Requirements, Health Sciences Core Requirements, and the following support courses:

HTHS 1103 - Introduction To Health Careers and Care in a Diverse Society **Credits:** **(3)**

HTHS 1120 - Case Studies in Health Sciences **Credits:** **(3)**

HTHS 2230 - Introductory Pathophysiology **Credits:** **(3)**

HTHS 2231 - Introductory Pathophysiology Laboratory **Credits:** **(1)**

HTHS 2240 - Introduction to Pharmacology **Credits:** **(3)**

or

HTHS 3240 - Introduction to Pharmacology **Credits:** **(3)**

**Associate of Science in Health Sciences – Dental Hygiene Track (10 credits)**

WSU General Education Requirements, Health Sciences Core Requirements, and the following support courses:

HTHS 1120 - Case Studies in Health Sciences **Credits:** **(3)**

HTHS 2230 - Introductory Pathophysiology **Credits:** **(3)**

HTHS 2231 - Introductory Pathophysiology Laboratory **Credits:** **(1)**

HTHS 2240 - Introduction to Pharmacology **Credits:** **(3)**

or

HTHS 3240 - Introduction to Pharmacology **Credits:** **(3)**

**Associate of Science in Health Sciences – Medical Laboratory Sciences (MLS) Track (11 credits)**

WSU General Education Requirements, Health Sciences Core Requirements, and the following support courses:

MLS 1113 - Introduction To Medical Laboratory Practices\* **Credits:** **(4)**

MLS 1114 - Principles of Hematology and Hemostasis\* **Credits:** **(4)**

HTHS 1120 - Case Studies in Health Sciences **Credits:** **(3)**\* Online MLS students must have a signed affiliation agreement prior to registering for theses courses.

**Associate of Science in Health Sciences – Nursing Track (10 credits)**

WSU General Education Requirements, Health Sciences Core Requirements, and the following support courses:

HTHS 1120 - Case Studies in Health Sciences **Credits:** **(3)**

HTHS 2230 - Introductory Pathophysiology **Credits:** **(3)**

HTHS 2231 - Introductory Pathophysiology Laboratory **Credits:** **(1)**

HTHS 2240 - Introduction to Pharmacology **Credits:** **(3)**

or

HTHS 3240 - Introduction to Pharmacology **Credits:** **(3)**

**Associate of Science in Health Sciences – Respiratory Therapy Track (12 credits)**

WSU General Education Requirements, Health Sciences Core Requirements, and the following support courses:

HTHS 1120 - Case Studies in Health Sciences **Credits:** **(3)**

HTHS 2230 - Introductory Pathophysiology **Credits:** **(3)**

HTHS 2231 - Introductory Pathophysiology Laboratory **Credits:** **(1)**

HTHS 2240 - Introduction to Pharmacology **Credits:** **(3)**

or

HTHS 3240 - Introduction to Pharmacology **Credits:** **(3)**

REST 1540 - Survey of Respiratory Therapy **Credits:** **(1)**

REST 1560 - Multi-skilled Health Care Worker **Credits:** **(1)**

**Associate of Science in Health Sciences – Radiologic Sciences Track (10 credits)**

WSU General Education Requirements, Health Sciences Core Requirements, and the following support courses:

RADT 1022 – Introduction to Radiologic Technology **Credits:** **(2)**

RADT 1542 – Radiographic Anatomy and Positioning V **Credits:** **(2)**

RADT 1681 – Lab Experience **Credits:** **(1)**

RADT 2865 – Clinical Education **Credits:** **(2)**

RADT 2921 – Workshop, Conferences, and Telecourses **Credits:** **(3)**

***Recommended Elective Courses to fulfill AS degree credit-hour requirement (60 credits), if necessary:***

HTHS 1103 - Introduction To Health Careers and Care in a Diverse Society **Credits:** **(3)**

HTHS 1108 - Biocalculations for Health Professions **Credits:** **(5)**

HTHS 1120 - Case Studies in Health Sciences **Credits:** **(3)**

HTHS 2240 - Introduction to Pharmacology **Credits:** **(3)**

or

HTHS 3240 - Introduction to Pharmacology **Credits:** **(3)**

HTHS 2830 - Health Sciences Directed Readings **Credits:** **(1-3)**

HTHS 2904 TD - Information Resources in the Health Professions **Credits:** **(1)**

HTHS 2990 - Health Sciences Seminar **Credits:** **(1)**

NEUR 2050 - Introduction to Neuroscience **Credits:** **(3)**

PAR 1000 – Emergency Medical Technician **Credits: (2)**

and

PAR 1001 – Emergency Medical Technician Lab **Credits: (4)**HIM 2250 Health Care Privacy and Security **Credits:** **(3)**HIM 3000 Computer Applications in Healthcare **Credits:** **(3)**

HIM 3200 Epidemiology and Biostatistics **Credits:** **(3)**

HIM 3300 Introduction to Quality Improvement in Healthcare **Credits:** **(3)**  
HAS 3000 The Health Care System **Credits:** **(3)**

HAS 4400 Legal and Ethical Aspects of Healthcare Administration **Credits:** **(3)**MLS 4410 Interdisciplinary Healthcare Teams **Credits: (3)**

**Submit the original (and 20 copies) to the Faculty Senate Office, MC 1033,** and an **electronic copy (Word Doc) to** bstockberger @weber.edu

**INFORMATION PAGE**

Did this program change receive unanimous approval within the Department? Yes If not, what are the major concerns raised by the opponents?

Explain any effects this program change will have on program requirements or enrollments in other departments including the Bachelor of Integrated Studies Program. In the case of similar offerings or affected programs, **you should include letters from the departments in question stating their support or opposition to the proposed program**.

This program modification will increase enrollments for many programs in the College of Health Professions. It does not decrease enrollments for any programs.

Indicate the number of credit hoursfor course work within the program. (Do not include credit hours for General Education, Diversity, or other courses unless those courses fulfill requirements within the proposed program.)

(see attachments)

Associate of Science in Health Sciences (23 credits)  
Associate of Science in Health Sciences - Dental Hygiene Track (20 credits)  
Associate of Science in Health Sciences - Medical Laboratory Sciences Track (21 credits)  
Associate of Science in Health Sciences - Nursing Track (20 credits)  
Associate of Science in Health Sciences - Radiologic Sciences Track (20 credits)  
Associate of Science in Health Sciences - Respiratory Therapy Track (22 credits)

Indicate the number of credit hours for course work within the current program. (Do not include credit hours for General Education, Diversity, or other courses unless those courses fulfill requirements within the current program.) \_\_20\_\_

**Graduate Programs only**: Describe any proposed changes in the instructional mode of delivery or course format that are program-wide in nature or that affect more than one-third of the course taught in the program (e. g. changing from in-class to online instruction).

N/A

**APPROVAL PAGE**

for: (Program Title) Date submitted online \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

For new course proposals, excluding Experimental and Variable Title courses, the following must be completed by the Library bibliographer: **N/A**

\_\_\_\_ The WSU Library has adequate information resources to support this proposal.

\_\_\_\_ Currently, the WSU Library does not have adequate information resources to support this course. However, if this proposal is approved, a Library bibliographer will work closely with departmental faculty to acquire the information resources needed. Funding for the new resources will come from the library’s budget.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ WSU Librarian/Date

**Approval Sequence**:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Department Chair/Date (or BIS Director)

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

College Curriculum Committee/Date (Signature not needed on Experimental or Variable Title courses.)

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Career and Technical Education Director. (Needed on new or deleted courses required in a 2-year program.)

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Dean of College/Date

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| Courses required in programs leading to secondary undergraduate teacher certification must be approved by the University Council on Teacher Education before being submitted to the Curriculum Committee.  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  University Council on Teacher Education/Date |

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| Graduate course proposals must be reviewed by the University Graduate Council before being submitted to the Curriculum Committee.  I have read the proposal and discussed it with the program director.  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  University Graduate Council Representative/Date |

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Effective Semester\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

University Curriculum Committee/Date

Passed by Faculty Senate \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date

**Health Sciences (AS)**

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| **WSU General Education Requirements** | | |
| **.** | | |
| **Health Sciences Core Requirements** | | |
| HTHS 1101 | Medical Terminology | 2 cr. |
| HTHS 1110 (LS) or ZOOL 2100\* | Biomedical Core I or Human Anatomy | 4 cr. |
| HTHS 1111 or ZOOL 2200 | Biomedical Core II or Human Physiology | 4 cr. |
| **Total Health Science Core Courses - 10 cr.** | | |
| **Health Sciences** | | |
| HTHS 1103 | Introduction to Health Careers and Care in a Diverse Society | 3 cr. |
| HTHS 2230 | Introductory Pathophysiology | 3 cr. |
| HTHS 2231 | Introductory Pathophysiology Lab | 1 cr. |
| HTHS 2240 | Introduction to Pharmacology | 3 cr. |
| HTHS 1120 | Case Studies in Health Sciences | 3 cr. |

\* Students completing ZOOL 2100/2200 will need an additional life science (LS) general education course.

**Health Sciences (AS) – Dental Hygiene Track**

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| **WSU General Education Requirements** | | |
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| **Health Sciences Core Requirements** | | |
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| HTHS 1110 (LS) or ZOOL 2100\* | Biomedical Core I or Human Anatomy | 4 cr. |
| HTHS 1111 or ZOOL 2200 | Biomedical Core II or Human Physiology | 4 cr. |
| **Total Health Science Core Courses - 10 cr.** | | |
| **Dental Hygiene Track** | | |
| HTHS 2230 | Introductory Pathophysiology | 3 cr. |
| HTHS 2231 | Introductory Pathophysiology Lab | 1 cr. |
| HTHS 2240 | Introduction to Pharmacology | 3 cr. |
| HTHS 1120 | Case Studies in Health Sciences | 3 cr. |

\* Students completing ZOOL 2100/2200 will need an additional life science (LS) general education course.

**Health Sciences (AS) – Medical Laboratory Sciences Track**

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| **WSU General Education Requirements** | | |
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| **Health Sciences Core Requirements** | | |
| HTHS 1101 | Medical Terminology | 2 cr. |
| HTHS 1110 (LS) or ZOOL 2100\* | Biomedical Core I or Human Anatomy | 4 cr. |
| HTHS 1111 or ZOOL 2200 | Biomedical Core II or Human Physiology | 4 cr. |
| **Total Health Science Core Courses - 10 cr.** | | |
| **Medical Laboratory Sciences Track** | | |
| MLS 1113 \*\* | Introduction to Medical Laboratory Practices | 4 cr. |
| MLS 1114 \*\* | Principles of Hematology and Hemostasis | 4 cr. |
| HTHS 1120 | Case Studies in Health Sciences | 3 cr. |

\* Students completing ZOOL 2100/2200 will need an additional life science (LS) general education course.

\*\*\* Online MLS students must have a signed affiliation agreement prior to registering for theses courses.

**Health Sciences (AS) - Nursing Track**

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| **WSU General Education Requirements** | | |
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| **Health Sciences Core Requirements** | | |
| HTHS 1101 | Medical Terminology | 2 cr. |
| HTHS 1110 (LS) or ZOOL 2100\* | Biomedical Core I or Human Anatomy | 4 cr. |
| HTHS 1111 or ZOOL 2200 | Biomedical Core II or Human Physiology | 4 cr. |
| **Total Health Science Core Courses - 10 cr.** | | |
| **Nursing Track** | | |
| HTHS 2230 | Introductory Pathophysiology | 3 cr. |
| HTHS 2231 | Introductory Pathophysiology Lab | 1 cr. |
| HTHS 2240 | Introduction to Pharmacology | 3 cr. |
| HTHS 1120 | Case Studies in Health Sciences | 3 cr. |

\* Students completing ZOOL 2100/2200 will need an additional life science (LS) general education course.

**Health Sciences (AS) – Radiologic Sciences Track**

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| **WSU General Education Requirements** | | |
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| **Health Sciences Core Requirements** | | |
| HTHS 1101 | Medical Terminology | 2 cr. |
| HTHS 1110 (LS) or ZOOL 2100\* | Biomedical Core I or Human Anatomy | 4 cr. |
| HTHS 1111 or ZOOL 2200 | Biomedical Core II or Human Physiology | 4 cr. |
| **Total Health Science Core Courses - 10 cr.** | | |
| **Radiologic Sciences Track** | | |
| RADT 1022 | Introduction to Radiologic Technology | 2 cr. |
| RADT 1542 | Radiographic Anatomy and Positioning V | 2 cr. |
| RADT 1681 | Lab Experience | 1 cr. |
| RADT 2865 | Clinical Education | 2 cr. |
| RADT 2921 | Workshop, Conferences and Telecourses | 3 cr. |

\* Students completing ZOOL 2100/2200 will need an additional life science (LS) general education course

**Health Sciences (AS) – Respiratory Therapy Track**

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| **WSU General Education Requirements** | | |
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| **Health Sciences Core Requirements** | | |
| HTHS 1101 | Medical Terminology | 2 cr. |
| HTHS 1110 (LS) or ZOOL 2100\* | Biomedical Core I or Human Anatomy | 4 cr. |
| HTHS 1111 or ZOOL 2200 | Biomedical Core II or Human Physiology | 4 cr. |
| **Total Health Science Core Courses - 10 cr.** | | |
| **Respiratory Therapy Track** | | |
| HTHS 1120 | Case Studies in Health Sciences | 3 cr |
| HTHS 2240 | Introduction to Pharmacology | 3 cr. |
| HTHS 2230 | Introductory Pathophysiology | 3 cr. |
| HTHS 2231 | Introductory Pathophysiology Lab | 1 cr. |
| REST 1540 | Survey of Respiratory Therapy | 1 cr. |
| REST 1560 | Multi-Skilled Health Care Worker | 1 cr. |

\* Students completing ZOOL 2100/2200 will need an additional life science (LS) general education course.