Institutional representatives should provide direct links to PDF documents for each of the curriculum requests represented below. All requests should be posted on the campus Curriculum and Instruction website one week prior to the Academic Affairs Council meeting where the curriculum request is being considered.

### New Unique Course

<table>
<thead>
<tr>
<th>Prefix &amp; Number</th>
<th>Course Title</th>
<th>Approval</th>
</tr>
</thead>
<tbody>
<tr>
<td>BME 426/526</td>
<td>Healthcare Systems Safety Engineering</td>
<td>PC</td>
</tr>
<tr>
<td>DHYG 210</td>
<td>Head &amp; Neck Anatomy</td>
<td>PC</td>
</tr>
<tr>
<td>DHYG 434</td>
<td>Dental Health Education &amp; Community II</td>
<td>PC</td>
</tr>
<tr>
<td>DHYG 445</td>
<td>Research Methods for Dental Professionals</td>
<td>PC</td>
</tr>
<tr>
<td>PHTH 705</td>
<td>Physiology for the Medical Rehabilitation Professional</td>
<td>PC</td>
</tr>
</tbody>
</table>

### Revised Course Requests

<table>
<thead>
<tr>
<th>Prefix &amp; Number</th>
<th>Course Title</th>
<th>Approval</th>
</tr>
</thead>
<tbody>
<tr>
<td>DCOM 428/528</td>
<td>American Sign Language I</td>
<td>PC</td>
</tr>
</tbody>
</table>

Courses referenced above for approval have been reviewed by the Academic Affairs Council and the System Vice President for Academic Affairs and may be advanced forward for entry in the student information system. For those courses listed above that did not receive approval, additional clarification or justification will be necessary and should be re-routed through the curriculum review process on a separate “Institutional Curriculum Requests” form once all issues have been resolved.

**Signature:** System Vice President for Academic Affairs  
**Date:** 10/26/2023
Section 1. Course Title and Description

<table>
<thead>
<tr>
<th>Prefix &amp; No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BME 426/526</td>
<td>Healthcare Systems Safety Engineering</td>
<td>3</td>
</tr>
</tbody>
</table>

This course explores risk management and control through the application of a systems safety approach to the engineering of healthcare products. Students will apply the practices learned in class to real-world examples and learn skills to engineer safety into products from the beginning.

Section 2. Review of Course

2.1. Will this be a unique or common course (place an “X” in the appropriate box)?

☒ Common Course
Indicate universities that are proposing this common course:
☐ BHSU ☐ DSU ☐ NSU ☒ SDSMT ☐ SDSU ☒ USD

Section 3. Other Course Information

3.1. Are there instructional staffing impacts?

☒ Yes. Specify below: Adjunct instructor arranged

3.2. Existing program(s) in which course will be offered (i.e., any current or pending majors, minors, certificates, etc.): Biomedical Engineering BS elective and Biomedical Engineering MS/PhD graduate elective.

3.3. Proposed instructional method by university (as defined by AAC Guideline 5.4): Lecture (R)

3.4. Proposed delivery method by university (as defined by AAC Guideline 5.5):

☒ X01 Face-to-Face; X20 Receive Site; X25 Send Site

3.5. Term change will be effective: Fall 2024

3.6. Can students repeat the course for additional credit?

☐ Yes, total credit limit: ☒ No

3.7. Will grade for this course be limited to S/U (pass/fail)?

☐ Yes ☒ No

3.8. Will section enrollment be capped?

☐ Yes, max per section: ☒ No

3.9. Will this course equate (i.e., be considered the same course for degree completion) with any other unique or common courses in the common course system database?

☐ Yes ☒ No

3.10. Is this prefix approved for your university?

☒ Yes ☐ No

Section 4. Department and Course Codes (Completed by University Academic Affairs)

4.1. University Department: UBME
4.2. Banner Department Code: UBME
4.3. Proposed CIP Code: 14.0501

Is this a new CIP code for the university? ☒ Yes ☐ No
University of South Dakota  Dental Hygiene  
Institution  Division/Department  
Elizabeth M. Freeburg  9/18/2023  
Institutional Approval Signature  Date

Section 1. Course Title and Description

<table>
<thead>
<tr>
<th>Prefix &amp; No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>DHYG 210</td>
<td>Head &amp; Neck Anatomy</td>
<td>2</td>
</tr>
</tbody>
</table>

Course Description
This course will cover hard and soft tissues of the head and neck including bones, muscles, blood supply, nerves, glands, and how they function. This course will focus on the importance of anatomy and how it relates to dental hygiene.

Pre-requisites or Co-requisites

<table>
<thead>
<tr>
<th>Prefix &amp; No.</th>
<th>Course Title</th>
<th>Pre-Req/Co-Req?</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHGY 220/230/Lab</td>
<td>Human Anatomy &amp; Int Phgy I/II/Labs</td>
<td>Pre-Req</td>
</tr>
</tbody>
</table>

Registration Restrictions
Pre-dental hygiene students

Section 2. Review of Course

2.1. Will this be a unique or common course?

X  Unique Course  If the request is for a unique course, institutions must review the common course catalog in the system course database to determine if a comparable common course already exists. List the two closest course matches in the common course catalog and provide a brief narrative explaining why the proposed course differs from those listed. If a search of the common course catalog determines an existing common course exists, complete the Authority to Offer an Existing Course Form. Courses requested without an attempt to find comparable courses will not be reviewed.

<table>
<thead>
<tr>
<th>Prefix &amp; No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHGY 220</td>
<td>Human Anatomy and Integrated Physiology I</td>
<td>4</td>
</tr>
<tr>
<td>PHGY 230</td>
<td>Human Anatomy and Integrated Physiology II</td>
<td>4</td>
</tr>
</tbody>
</table>

Provide explanation of differences between proposed course and existing system catalog courses below: Both of the common courses are pre-requisites to this course as they provide foundational knowledge that this unique course will expand upon. The common courses review the entire body and the focus on the head and neck is minimal whereas this unique course will only focus on the head and neck.

Section 3. Other Course Information

3.1. Are there instructional staffing impacts? (place an “X” in the box before the correct response)
Yes. Specify below: Current course instructor will need to teach this course both Fall and Spring for academic years 2024-2025, 2025-2026, 2026-2027 to teach out the current students. More adjunct clinical faculty may be needed to cover the clinic hours this course instructor typically has in the Spring each year.

3.2. Existing program(s) in which course will be offered: Dental Hygiene
3.3. Proposed instructional method by university (as defined by AAC Guideline 5.4): R - Lecture
3.4. Proposed delivery method by university (as defined by AAC Guideline 5.5): U01 Face-to-Face
3.5. Term change will be effective: Fall 2024
3.6. Can students repeat the course for additional credit? No
3.7. Will grade for this course be limited to S/U (pass/fail)? No
3.8. Will section enrollment be capped? Yes, 50
3.9. Will this course equate (i.e., be considered the same course for degree completion) with any other unique or common courses in the common course system database in Colleague and the Course Inventory Report? No
3.10. Is this prefix approved for your university? No

Section 4. Department and Course Codes (Completed by University Academic Affairs)
4.1. University Department: UDHY
4.2. Banner Department Code: UDHY
4.3. Proposed CIP Code: 51.0602

Is this a new CIP code for the university? NO
Section 1. Course Title and Description

<table>
<thead>
<tr>
<th>Prefix &amp; No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>DHYG 434</td>
<td>Dental Health Education &amp; Community II</td>
<td>2</td>
</tr>
</tbody>
</table>

**Course Description**

This is the second of two community courses designed to utilize the assessment, planning, implementation, and evaluation process in a community-based setting. This course will address efforts to reduce incidence and severity of oral diseases resulting in improved access to community oral health in complex cases.

**Registration Restrictions**

Students who are current dental hygiene students in the major.

Section 2. Review of Course

2.1. Will this be a unique or common course?

<table>
<thead>
<tr>
<th>Unique Course</th>
<th>If the request is for a unique course, institutions must review the common course catalog in the system course database to determine if a comparable common course already exists. List the two closest course matches in the common course catalog and provide a brief narrative explaining why the proposed course differs from those listed. If a search of the common course catalog determines an existing common course exists, complete the Authority to Offer an Existing Course Form. Courses requested without an attempt to find comparable courses will not be reviewed.</th>
</tr>
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<tbody>
<tr>
<td>Prefix &amp; No.</td>
<td>Course Title</td>
</tr>
<tr>
<td>HLTH 320</td>
<td>Community Health</td>
</tr>
<tr>
<td>HSC 350</td>
<td>Principles of Health Care</td>
</tr>
</tbody>
</table>

Provide explanation of differences between proposed course and existing system catalog courses below: The courses above do not provide the opportunity for students to develop, implement and assess a community assessment. They do not contain information specific to dental hygiene or oral health. This course will specifically relate oral health to community needs assessment.

Section 3. Other Course Information

3.1. Are there instructional staffing impacts? (place an “X” in the box before the correct response)

| X | No. Schedule Management, explain below: The course will be taught in load with current faculty. |

3.2. Existing program(s) in which course will be offered: Dental Hygiene
3.3. Proposed instructional method by university (as defined by AAC Guideline 5.4): R - Lecture
3.4. Proposed delivery method by university (as defined by AAC Guideline 5.5): U01 Face-to-Face
3.5. Term change will be effective: Fall 2027
3.6. Can students repeat the course for additional credit? No
3.7. Will grade for this course be limited to S/U (pass/fail)? No
3.8. Will section enrollment be capped? Yes, 50
3.9. Will this course equate (i.e., be considered the same course for degree completion) with any other unique or common courses in the common course system database in Colleague and the Course Inventory Report? No
3.10. Is this prefix approved for your university? N/A

Section 4. Department and Course Codes (Completed by University Academic Affairs)
4.1. University Department: UDHY
4.2. Banner Department Code: UDHY
4.3. Proposed CIP Code: 51.0602
Is this a new CIP code for the university? NO
Section 1. Course Title and Description

<table>
<thead>
<tr>
<th>Prefix &amp; No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>DHYG 445</td>
<td>Research Methods for Dental Professionals</td>
<td>3</td>
</tr>
</tbody>
</table>

**Course Description**
Introductory course designed to prepare students to review and critique scientific literature for evidence-based decision making. This course will emphasize evidence-based decision-making, research design, data collection, descriptive and inferential statistics, and ethics in research.

**Pre-requisites or Co-requisites** N/A

**Registration Restrictions**
Students who are current dental hygiene students in the major.

Section 2. Review of Course

2.1. Will this be a unique or common course?

**X** Unique Course *If the request is for a unique course, institutions must review the common course catalog in the system course database to determine if a comparable common course already exists. List the two closest course matches in the common course catalog and provide a brief narrative explaining why the proposed course differs from those listed. If a search of the common course catalog determines an existing common course exists, complete the Authority to Offer an Existing Course Form. Courses requested without an attempt to find comparable courses will not be reviewed.*

<table>
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<tr>
<th>Prefix &amp; No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MCOM 400</td>
<td>Research Methods</td>
<td>3</td>
</tr>
<tr>
<td>SOC 309</td>
<td>Statistical Research Methods</td>
<td>3</td>
</tr>
</tbody>
</table>

Provide explanation of differences between proposed course and existing system catalog courses below: The courses above are specific to Mass Communications major and Sociology major. They focus specifically on their discipline whereas this course will focus on the discipline of dentistry. This course will teach students how to critically evaluate dental related peer-reviewed journal articles and prepare them for careers in dental research.

Section 3. Other Course Information

3.1. Are there instructional staffing impacts? (place an “X” in the box before the correct response)

**X** No. Schedule Management, explain below: This course will need a course leader. I have two instructors in mind for this course. Depending on which instructor I give it to, that instructor will have to give another instructor some of their teaching load (courses). We will be redistributing faculty workload.
3.2. Existing program(s) in which course will be offered: Dental Hygiene
3.3. Proposed instructional method by university (as defined by AAC Guideline 5.4): R-Lecture
3.4. Proposed delivery method by university (as defined by AAC Guideline 5.5): U01-Face to face
3.5. Term change will be effective: Fall 2027
3.6. Can students repeat the course for additional credit? No
3.7. Will grade for this course be limited to S/U (pass/fail)? No
3.8. Will section enrollment be capped? Yes, 50
3.9. Will this course equate (i.e., be considered the same course for degree completion) with any other unique or common courses in the common course system database in Colleague and the Course Inventory Report? No
3.10. Is this prefix approved for your university? Yes

Section 4. Department and Course Codes (Completed by University Academic Affairs)
4.1. University Department: UDHY
4.2. Banner Department Code: UDHY
4.3. Proposed CIP Code: 51.0602
Is this a new CIP code for the university? NO
SOUTH DAKOTA BOARD OF REGENTS  
ACADEMIC AFFAIRS FORMS  
New Course Request

University of South Dakota  Department of Physical Therapy

Institution  Division/Department

Elizabeth M. Freeburg  9/19/2023

Institutional Approval Signature  Date

Section 1. Course Title and Description

Prefix & No.  Course Title  Credits
PHTH 705  Physiology for the Medical Rehabilitation Professional  4

Course Description
This foundational course examines the physiological principles that underlie human movement, health, and recovery. The course educates the rehabilitation specialist about the structure, function, and mechanisms of musculoskeletal, cardiovascular and respiratory, and neurological systems and uses what is known about metabolism and energy systems, adaptations to exercise, and pain and inflammatory processes to bridge gaps between theoretical knowledge and practical application.

Pre-requisites or Co-requisites  N/A
Registration Restrictions  N/A

Section 2. Review of Course

2.1. Will this be a unique or common course? (place an “X” before course type)

X  Unique Course  If the request is for a unique course, institutions must review the common course catalog in the system course database to determine if a comparable common course already exists. List the two closest course matches in the common course catalog and provide a brief narrative explaining why the proposed course differs from those listed. If a search of the common course catalog determines an existing common course exists, complete the Authority to Offer an Existing Course Form. Courses requested without an attempt to find comparable courses will not be reviewed.

Prefix & No.  Course Title  Credits
PHGY 730  Human Physiology  6-8
KSM 750  Applied Physiology of Exercise  3

Provide an explanation of differences between the proposed course and existing system catalog courses below:

The more discipline-specific proposed PHTH 705 course will address the following student learning objectives:

- Students will gain insight into the structure and function of bones, muscles, tendons, and ligaments, and understand how musculoskeletal disorders and injuries impact movement and rehabilitation (Musculoskeletal System).
- Students will delve into the mechanisms of the heart, blood vessels, and lungs, and discover how cardiovascular and respiratory health influence exercise tolerance and recovery (Cardiovascular and Respiratory Systems).
- Students will explore the basics of neuroanatomy and neurophysiology, and learn how the nervous system governs movement, sensation, and motor control. (Neurological System).
• Students will examine energy production and utilization during physical activities (Metabolism and Energy Systems).
• Students will investigate the physiological responses and adaptations that occur in the body in response to exercise and physical activity (Adaptations to Exercise).
• Students will understand the physiological basis of pain perception and inflammation and explore strategies for managing pain and promoting tissue healing in the context of rehabilitation (Pain and Inflammation).
• Students will discuss considerations for medical rehabilitation in special populations, such as geriatric, pediatric, and individuals with chronic conditions (Special Populations).

In contrast, the student learning objectives for PHGY 730 (below) lack an emphasis on structures, functions, and processes that physical therapists must understand with greatest focus.
• To analyze mechanisms associated with normal functions of the body, including all the components of the organ systems.
• To recognize the relationships within and between the various systems and how these interactions contribute to the maintenance of homeostasis.
• To evaluate how alterations in the normal functions of these systems can lead to disease and impair mechanisms to compromise activities of daily living.

The KSM 750 course is a 3-credit graduate level course with an emphasis on exercise physiology. However, it lacks the medical foundation important for physical therapists.

Section 3. Other Course Information
3.1. Are there instructional staffing impacts? (place an “X” in the box before the correct response)

<table>
<thead>
<tr>
<th></th>
<th>X</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>No. Schedule Management, explain below: The course will be managed through within-budget departmental workload shifts and, as needed for specific topics, guest lectureships.</td>
</tr>
</tbody>
</table>

3.2. Existing program(s) in which course will be offered: Doctor of Physical Therapy Program

3.3. Proposed instructional method by university (as defined by AAC Guideline 5.4): R-Lecture

3.4. Proposed delivery method by university (as defined by AAC Guideline 5.5): Hybrid Face-to-Face (U30)

3.5. Term change will be effective: Fall 2024

3.6. Can students repeat the course for additional credit? No

3.7. Will grade for this course be limited to S/U (pass/fail)? No

3.8. Will section enrollment be capped? No

3.9. Will this course equate (i.e., be considered the same course for degree completion) with any other unique or common courses in the common course system database in Colleague and the Course Inventory Report? No

3.10. Is this prefix approved for your university? Yes

Section 4. Department and Course Codes (Completed by University Academic Affairs)
4.1. University Department: Physical Therapy

4.2. Banner Department Code: UPTH

4.3. Proposed CIP Code: 26.0901

Is this a new CIP code for the university? No
Section 1. Existing Course Title and Description

<table>
<thead>
<tr>
<th>Prefix &amp; No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>DCOM 428/528</td>
<td>American Sign Language I</td>
<td>3</td>
</tr>
</tbody>
</table>

Course Description
This course introduces students to American Sign Language (ASL), including practice with basic conversation, grammatical forms (topic-comment, questions, negatives), vocabulary, spatial relations, visual-gestural communications, non-manual signs, finger spelling and numbering. Norms, values, social rules and traditions in American Deaf Culture are emphasized.

Section 2. Modification(s) Requested

2.1. This modification will include (place an “X” in the box before all that apply):

- X Course Title change from DCOM 428 to DCOM 101
- X Course Deletion – DCOM 528 only

Indicate the universities deleting the course (place an “X” before the university):

<table>
<thead>
<tr>
<th></th>
<th>BHSU</th>
<th>DSU</th>
<th>NSU</th>
<th>SDSMT</th>
<th>SDSU</th>
<th>USD</th>
</tr>
</thead>
</table>

Effective term of the change: Fall 2024

2.2. Add justification for all changes noted above:
The course number is being changed to be consistent with course numbering and sequencing of other modern language courses. This is the first course in the ASL sequence. Delete dual list DCOM 528.

Section 3. Other Course Information

Will this course equate (i.e., be considered the same course for degree completion) with any other unique or common courses in the common course database (Course Inventory Report)?

- Yes   
- X No

Section 4. Department and Course Codes (Completed by University Academic Affairs)

<table>
<thead>
<tr>
<th>Current</th>
<th>to</th>
<th>New</th>
</tr>
</thead>
<tbody>
<tr>
<td>USCD</td>
<td>to</td>
<td>N/A</td>
</tr>
<tr>
<td>USCD</td>
<td>to</td>
<td>N/A</td>
</tr>
<tr>
<td>X Change in CIP Code</td>
<td>16.1603</td>
<td>16.1601</td>
</tr>
</tbody>
</table>
That re-numbering is fine with us at BH.
Thanks,
Amy

Dr. Amy Fuqua
Dean of the College of Liberal Arts
& Graduate Dean

Jonas 108
(605) 642-6420
Amy.fuqua@bhsu.edu

The College of Liberal Arts
Black Hills State University
1200 University St.
Spearfish, SD 57799

Hi Amy:

If you are not the right person to email, please let me know. I know that in the past it has been of concern/question as to the ASL courses being 400-level courses. We want to move forward with renumbering the to a 100-level course. We wanted to make sure that you were okay with the renumbering.

Thank you,
Lindsey