



**SOUTH DAKOTA BOARD OF REGENTS
ACADEMIC AFFAIRS FORMS**

Institutional Curriculum Requests

Institution: University of South Dakota **Date:** 11/22/2016

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.

<i>New Unique Course</i>			
<i>Prefix & Number</i>	<i>Course Title</i>		<i>Approval</i>
BIOL 280/280L	Inquiry and Analysis in Biology/Lab		PT
CPHD 725	Genetics of Human Disease		PT
HIST 456	Mark Twain's America		PT
<i>Authority to Offer Common Course Requests</i>			
<i>Prefix & Number</i>	<i>Course Title</i>		<i>Approval</i>
CHEM 762 (USD requests CPHD 762)	Molecular Mechanisms of Disease		PT

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 Colleague. 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.

Paul Turner

Signature: System Vice President for Academic Affairs

12/5/2016

Date

Mike Bush

Signature: System Executive Director and CEO

12/5/2016

Date



SOUTH DAKOTA BOARD OF REGENTS
ACADEMIC AFFAIRS FORMS
New Course Request

USD	Arts & Sciences / Biology
Institution	Division/Department
<i>Elizabeth M. Freeburg</i>	10/17/16
Institutional Approval Signature	Date

Section 1. Course Title and Description

Prefix & No.	Course Title	Credits
BIOL 280/280L	Inquiry and Analysis in Biology/Laboratory	1/1

Course Description
This course will teach students foundational skills needed for success in upper level biology courses, research, and careers in the biological sciences. Lecture and lab sessions will help students gain facility in assessing and reading scientific literature, writing technical reports and review papers, construction and interpretation of graphical and tabular data sets, and use and interpretation of simple statistical analyses.

Pre-requisites or Co-requisites (add lines as needed)

Prefix & No.	Course Title	Pre-Req/Co-Req?
BIOL 151/L	General Biology I with lab	Pre-Req
OR	OR	
BIOL 153/L	General Biology II with lab	Co-Req
BIOL 280L	Inquiry and Analysis in Biology Laboratory	

Registration Restrictions N/A

Section 2. Review of Course

2.1. Was the course first offered as an experimental course (if yes, provide the course information)? No

2.2. Will this be a common or unique course (place an "X" in the appropriate box)?

Unique Course

X

If the request is for a unique course, verify that you have reviewed the common course catalog via Colleague and the system [Course Inventory Report](#) 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.

Prefix & No.	Course Title	Credits
BIOL 145	Introduction to Scientific Inquiry	1

Provide explanation of differences between proposed course and existing system catalog courses below
BIOL 145 offers "An introduction to the history and philosophy of science including the scientific method. Contemporary issues will be studied emphasizing the interaction between science and society." BIOL 280/L will discuss the scientific method but will not address the history of science and will focus on acquisition of technical competencies needed to be a biologist.

Update 11/16/2016: Although this course does include a lab component, the primary focus is on “academic success strategies.” We already offer FYE courses that provide this, including ones focus on particular majors such as Biology. The additional topics are largely social and cultural in nature, rather than the skill-based outcomes associated with BIOL 280/L. Moreover, this is explicitly a first-semester course, whereas BIOL 280/L includes a prerequisite of majors Biology; students are therefore assumed to have some content knowledge before beginning this course.

Prefix & No.	Course Title	Credits
BIOL 109	First Year Seminar	2
<i>Provide explanation of differences between proposed course and existing system catalog courses below</i>		
BIOL 109 teaches strategies for academic success and exposes students to discipline specific careers, as will BIOL 280; however, BIOL 280/L will focus on more specific technical skills needed for the practice of biology.		
Update 11/16/2016: This course includes no lab and so cannot address the data-collection component reflected in BIOL 280/L. Again, the content here is clearly social and cultural, not skills-based. An overview of the scientific method is a very broad topic, and it would appear that this course is not designed for Biology majors.		

Section 3. Other Course Information

3.1. Are there instructional staffing impacts?

No. Schedule Management, explain: Course will be taught with current faculty.

3.2. Existing program(s) in which course will be offered: Biology and Medical Biology

3.3. Proposed instructional method by university: D Discussion/Recitation / L Laboratory

3.4. Proposed delivery method by university: 001 Face-to-face Term Based Instruction

3.5. Term change will be effective: Fall 2017

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: Lab sections capped at 15

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](#)?

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 Code: UBIOL

4.2. Proposed CIP Code: 26.0101

Is this a new CIP code the university?

Yes

No



SOUTH DAKOTA BOARD OF REGENTS
ACADEMIC AFFAIRS FORMS
New Course Request

USD **Basic Biomedical Sciences**
Institution **Division/Department**
Elizabeth M. Freeburg 10/17/16
Institutional Approval Signature **Date**

Section 1. Course Title and Description

Prefix & No.	Course Title	Credits
CPHD 725	Genetics of Human Disease	3

➤ **CHEM 725 should be cross-listed/equated at SDSU to CPHD 725 at USD.**

Course Description
The course will cover advanced genetic concepts, classical and modern mammalian genetic techniques, and the underlying genetic bases of a variety of Mendelian and complex disorders. Students will gain an understanding of how genetic abnormalities result in and contribute to human disease.

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

Section 2. Review of Course

2.1. Was the course first offered as an experimental course (if yes, provide the course information)? No

2.2. Will this be a common or unique course?

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?

No. Schedule Management, explain: Existing faculty are adequate and course will be taught in-load

3.2. Existing program(s) in which course will be offered: SCHEM (SDSU) and UCPHD (USD)

3.3. Proposed instructional method by university: R-Lecture

3.4. Proposed delivery method by university: 001: Face-to-face

3.5. Term change will be effective: Fall 2017

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 with any other unique or common courses in the common course system database in Colleague and the [Course Inventory Report](#)?

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 Code:

UCPHD/SCHEM

4.2. Proposed [CIP Code](#):

26.0102

Is this a new CIP code the university?

Yes No

From: Hoffelt, Janell

Sent: Tuesday, November 15, 2016 2:05 PM

To: Leitru, Tammy R <Tammy.Leitru@usd.edu>

Cc: Helling, Mary Kay <Mary.Helling@SDSTATE.EDU>; Freeburg, Beth M <Beth.Freeburg@usd.edu>

Subject: RE: Chemistry/CPHD course

Dr. Raynie has confirmed CPHD/CHEM 725 was intended to be a common course with between USD and SDSU. Please include SDSU on the new course request.

Thank you

From: Raynie, Douglas

Sent: Thursday, August 4, 2016 10:31 AM

To: Waller, Steve <Steve.Waller@usd.edu>

Subject: RE: Course?

Yes, I support your request to convert CHEM 762 to a Common Course.

Doug

From: Waller, Steve [<mailto:Steve.Waller@usd.edu>]

Sent: Thursday, August 04, 2016 10:22 AM

To: Raynie, Douglas; Lee,Lance

Cc: Hoppe, Adam

Subject: RE: Course?

Hello Doug,

Molecular Mechanisms of Disease has been created by SDSU as CHEM 762 and as a Unique Course. For me to use the course, I need your support for our request to have the course relisted as a Common Course – allowing me to cross-list to the course.

May I have your support to convert your course CHEM 762 to a Common Course?

Thanks,

Steve

Steven Waller, PhD
Associate Dean of Basic Biomedical Sciences
Associate Professor of Pharmacology
Sanford School of Medicine
The University of South Dakota
202C Lee Medicine Building
414 East Clark Street

Vermillion, South Dakota 57069
Phone: 605-658-6323 (new!)
Fax: 605-677-6381

From: Raynie, Douglas
Sent: Thursday, August 4, 2016 10:16 AM
To: Lee, Lance <Lance.Lee@SanfordHealth.org>; Waller, Steve <Steve.Waller@usd.edu>
Cc: Hoppe, Adam <Adam.Hoppe@sdstate.edu>
Subject: RE: Course?

Thanks, I understand now.

I will create the Fall 2016 course (Developmental Biology of Disease) as a special topics course.

I'll let Steve take the lead on creating the Genetics of Disease and Molecular Mechanisms of Disease as common courses. I'll have the faculty discuss the common courses, but I do not anticipate any concerns.

Doug

From: Lee, Lance [<mailto:Lance.Lee@SanfordHealth.org>]
Sent: Thursday, August 04, 2016 10:04 AM
To: Raynie, Douglas; Waller, Steve
Subject: RE: Course?

Doug,

These are different courses. Here's the info:

Developmental Biology of Disease: Fall 2016, Monday and Wednesdays from 8:30-10AM, Sanford Research (videoconference to USD and SDSU if necessary)

Molecular Mechanisms of Disease: Spring 2017, Monday and Wednesdays from 8:30-10AM, Sanford Research (videoconference to USD and SDSU if necessary)

These are in addition to the Genetics of Human Disease course I offered this past spring, which one SDSU student took. All three of these should ultimately be common courses, as we have a number of students from USD and would hope to also have SDSU students in the future. I believe that Steve has initiated the paperwork to make the Genetics of Human Disease and Molecular Mechanisms of Disease common courses. I normally like to offer courses as topics courses the first time through, but there was a push on the SDSU side to get the Molecular Mechanisms of Disease course to the BOR sooner. We can submit the Developmental Biology of Disease course after the upcoming semester.

If you need any additional information from me, please let me know. I have provided course descriptions and syllabi, but I'm happy to provide them again if necessary.

Thank you very much.
Sincerely,
Lance

Lance Lee, Ph.D.
Associate Scientist, Sanford Children's Health Research Center, Sanford Research
Director of Higher Education, Sanford Research
Assistant Professor, Dept. of Pediatrics, Sanford School of Medicine of the University of South Dakota

Sanford Center, Room 2237
2301 E. 60th St. N
Sioux Falls, SD 57104
Telephone: 605-312-6410
Fax: 605-312-6071
Email: Lance.Lee@sanfordhealth.org



SOUTH DAKOTA BOARD OF REGENTS
ACADEMIC AFFAIRS FORMS
New Course Request

USD	Arts & Sciences/History
Institution	Division/Department
<i>Elizabeth M. Freeburg</i>	9/27/16
Institutional Approval Signature	Date

Section 1. Course Title and Description

Prefix & No.	Course Title	Credits
HIST 456	Mark Twain's America	3

Course Description
Explores American history from the end of the Civil War to the start of the First World War. Students will examine the political, social, economic, and cultural changes of this period using contemporary documents paired with the short stories, essays, and speeches of Mark Twain.

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

Section 2. Review of Course

- 2.1. Was the course first offered as an experimental course? No
- 2.2. Will this be a common or unique course?

Unique Course

Prefix & No.	Course Title	Credits
HIST 363	The US from 1890-1940	3

<p><i>Provide explanation of differences between proposed course and existing system catalog courses below</i></p> <p>No courses focusing on the same historical time period (1865-1914) exists in the common course catalog. The closest course is HIST 363, offered by Northern State University.</p> <p>Additional information added 11/14/2016-The 1865-1920 time frame covers the Gilded Age and its aftermath, and fits in the traditional periodization of American history, much like the 1890-1914 period does for the Progressive Era and its aftermath. Despite that fact that there is some overlap between the end of this course and the beginning of the existing NSU course, there isn't ANY American history course in the RIS database that covers the key period after the Civil War from 1865-1890 in any detail.</p>
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Section 3. Other Course Information

- 3.1. Are there instructional staffing impacts?

Will be taught within existing work load. HIST 492:
 Topics: Mark Twain's America offered SP15.

No No. Schedule Management, explain: _____

3.2. Existing program(s) in which course will be offered: History BA, BS

3.3. Proposed instructional method by university: R - Lecture

3.4. Proposed delivery method by university: 001 Face to Face Term Based Instruction

3.5. Term change will be effective: Fall 2017

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 with any other unique or common courses in the common course system database in Colleague and the [Course Inventory Report](#)?
 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 Code: UHIST

4.2. Proposed [CIP Code](#): 54.0102 Is this a new CIP code the university? Yes No



**SOUTH DAKOTA BOARD OF REGENTS
ACADEMIC AFFAIRS FORMS
Authority to Offer an Existing Course**

USD

Basic Biomedical Sciences

Institution

Division/Department

Elizabeth M. Freeburg

10/17/16

Institutional Approval Signature

Date

1. Is this a request to offer an existing common course or an existing unique course (approval will change course status from unique to common)?

Common Course

Unique Course

2. Provide the complete description as it appears in the system database including pre-requisites and co-requisites.

Prefix & No.	Course Title	Credits
CHEM 762**	Molecular Mechanisms of Disease	3

**USD requests to cross-list/equate CHEM 762 to CPHD 762 on the USD campus.

Course Description
Advanced course covering current topics in human disease mechanisms. Course topics include disorders associated with defects in lipid metabolism, nucleotide metabolism, metal metabolism, and organelle function, as well as signaling mechanisms underlying rare and complex diseases. The course applies fundamental biochemical and cell biological concepts to human disease.

Pre-requisites or Co-requisites N/A

3. Universities currently offering this course:

 BHSU DSU NSU SDSMT X SDSU USD

4. Does Offering the Course Create FTE Implications?

 X No. Schedule Management, explain: Existing faculty will teach in-load

5. Existing program(s) in which course will be offered: CPHD

6. CIP Code for the course: 40.0501

7. Proposed instructional method by this university: Lecture

8. Proposed delivery method by this university: Face-to-face

9. University Dept. Code: UCPHD

10. Authority to offer effective beginning in what term? Spring 2017

11. Section Restriction: None

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- - -

Steven Waller, PhD
Associate Dean of Basic Biomedical Sciences
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Sanford School of Medicine
The University of South Dakota
202C Lee Medicine Building
414 East Clark Street
Vermillion, South Dakota 57069
Phone: 605-658-6323 (new!)
Fax:605-677-6381

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Lance Lee, Ph.D.

Associate Scientist, Sanford Children's Health Research Center, Sanford Research

Director of Higher Education, Sanford Research

Assistant Professor, Dept. of Pediatrics, Sanford School of Medicine of the University of South Dakota

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