SOUTH DAKOTA BOARD OF REGENTS
Revised Course Request: Common Course

This form is to be used to request a substantive change in a common course. Representatives from all institutions offering the common course must participate in developing the proposed revisions to a common course. Signatures from all institutions offering the common course must be included on the final form submitted to AAC.

<table>
<thead>
<tr>
<th>Institution</th>
<th>Division/Department</th>
<th>Institutional Approval Signature</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>SDSU</td>
<td>Arts &amp; Sciences/Chemistry &amp; Biochemistry</td>
<td>Laurie Stenberg Nichols</td>
<td>4/28/15</td>
</tr>
<tr>
<td>SDSU</td>
<td>Form Initiator</td>
<td>Kathleen Donovan</td>
<td>3/30/15</td>
</tr>
<tr>
<td>BHSU</td>
<td>School of Natural Sciences</td>
<td>Michael Zehfus</td>
<td>3/27/15</td>
</tr>
<tr>
<td>DSU</td>
<td>College of Arts and Sciences</td>
<td>Michael Gaylor</td>
<td>3/24/15</td>
</tr>
<tr>
<td>NSU</td>
<td>Biology, Chemistry &amp; Physics, &amp; Mathematics</td>
<td>Jodie Ramsay</td>
<td>3/25/15</td>
</tr>
<tr>
<td>SDSMT</td>
<td>Academic Affairs/Department of Chemistry and Applied Biological Sciences</td>
<td>Richard R. Sinden</td>
<td>3/25/15</td>
</tr>
<tr>
<td>USD</td>
<td>Department of Chemistry</td>
<td>Andy Sykes</td>
<td>3/30/15</td>
</tr>
</tbody>
</table>

Indicate (X) the universities that offer the common course.

X  BHSU  X  DSU  X  NSU  X  SDSMT  X  SDSU  X  USD

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>CHEM 332</td>
<td>Analytical Chemistry</td>
<td>3</td>
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</tbody>
</table>

Course Description as it currently appears in the system common course database:

Fundamental concepts and principles of quantitative chemical analysis including quantitative chemical equilibrium calculations and error analysis applied to the evaluation of experimental measurements and data. Laboratory to accompany CHEM 332.

Prerequisites: CHEM 114 or CHEM 116. Corequisites: CHEM 332L-332.

Section 2. Modification(s) Requested

Current: CHEM 114 or CHEM 116
New: SDSU Only: CHEM 114 or CHEM 116

Prerequisites:

X  CHEM 114 or CHEM 116  to  CHEM 116 or CHEM 127
Justification for all changes noted above: SDSU requests the addition of a prerequisite course for CHEM 332. At SDSU, chemistry/biochemistry majors take a series of unique courses (CHEM 115 and CHEM 127), instead of CHEM 112 and CHEM 114. SDSU requests that CHEM 127 (Structure and Function of Organic Molecules) be added to the list of acceptable prerequisites for CHEM 332 to accommodate SDSU students in the registration process.

Section 3. Other Course Information

1. Will this course be equated (considered the same course for degree completion) with any other unique or common course in the course database? ☑ Yes ☐ No

Section 4. To Be Completed by Academic Affairs

<table>
<thead>
<tr>
<th>Current</th>
<th>New</th>
</tr>
</thead>
<tbody>
<tr>
<td>Change in University Dept Code</td>
<td>Change in CIP Code</td>
</tr>
<tr>
<td>BCHEM, DSCI, MCHEM, NCHPH, SCHEM, UCHEM</td>
<td>40.0502 to No Change</td>
</tr>
</tbody>
</table>

BHSU Approval:
From: Zehfus, Michael
Date: Friday, March 27, 2015 at 12:09PM
Subject: RE: Curriculum Consultation: CHEM 332

BSHU has no objection either.

Michael Zehfus

DSU Approval:
From: Gaylor, Michael
Date: Tuesday, March 24, 2015 at 7:20PM
Subject: RE: Curriculum Consultation: CHEM 332

David,

This is most enlightening perspective. Many thanks for taking time to provide it for me. I applaud the innovative approach and indeed I might even look to “borrow” some elements of your model for our own program as we increasingly look to refine how we do things. So, I am very grateful for your gracious offer to permit me to pick your brain further about this in the future.

In the meantime, absolutely, I see no problem whatsoever in accepting your CHEM 127 course as a prerequisite for CHEM 332.

Thanks again for your time and perspectives and best of luck moving forward!

Cheers!
Michael

NSU Approval:
From: Ramsay, Jodie
Date: Wednesday, March 25, 2015 at 4:06PM
Subject: RE: Curriculum Consultation: CHEM 332

Dear all: NSU has no objection to this change.

Thank you. Jodie Ramsay

SDSMT Approval:
SDSMT Chemistry faculty are comfortable with the prereq change for SDSU only. We do not feel that students with CHEM 127 would be prepared for all aspects of CHEM 332 at MINES. Given this is for SDSU only this is fine. It would still be nice to have something in place that worked for the system. We would have to look into this more at our end, but the professor involved had concerns for a system-wide change.

Richard R Sinden, Ph.D.
Interim Provost and VP for Academic Affairs
Professor and Head
Department of Chemistry and Applied Biological Sciences

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**USD Approval:**
From: Sykes, Andrew
Date: Monday, March 30, 2015 at 9:52AM
Subject: RE: Curriculum Consultation: CHEM 332

OK

Andy/USD