SOUTH DAKOTA BOARD OF REGENTS  
New Course Request

<table>
<thead>
<tr>
<th>Institution</th>
<th>Division/Department</th>
<th>Laurie Stenberg Nichols</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>SDSU</td>
<td>Chemistry &amp; Biochemistry, Medical Laboratory Science</td>
<td></td>
<td>4/30/2013</td>
</tr>
</tbody>
</table>

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>MLS 403L</td>
<td>Diagnostic Immunology Laboratory</td>
<td>1</td>
</tr>
</tbody>
</table>

Course Description: – Supervised laboratory experience in the principles and methods for the study of the immune system, antigen-antibody reactions and associated clinical laboratory diagnostics.

Registration Restriction: Admission into the MLS professional program.

Section 2. Review of Course

Will this be a common or unique course? (select the appropriate option below)

X This course will be a unique course. (Go to Section 3.)

Section 3. Other Course Information

1. Are there instructional staffing impacts?
   X No, schedule management. Explain: The course fits within the normal SDSU workload requirements within the current staffing for the program. No additional faculty are needed.

2. Existing program in which course will be offered: Medical Laboratory Science

3. Proposed instructional method: Laboratory
   Provide a brief justification: The course is a laboratory practice course.

4. Proposed primary delivery: 001

5. Term in which change will be effective: Fall 2013

6. Can this course be repeated for additional credit? No

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

8. Will section enrollments be capped? Yes, 12 students

9. Will this course be equated (i.e. considered the same course for degree completion) with any other unique or common course in the course database? No

10. Is this prefix already approved for your university? Yes

Section 4. To be completed by Academic Affairs

1. University department code: SBIOM

2. Proposed CIP code: 511005
   Is this a new CIP code for this university? _______ Yes _______ X No

COURSE FORM #5
Updated 03/2007
1. Provide specific reasons for the proposal of this course and explain how the changes enhance the curriculum.

Diagnostic Immunology has been included in the MLS curriculum without a lab for three years. Because of the extremely difficult technical nature of immunology, there was insufficient instructional time allotted in order to properly prepare students for their clinical practicum experience. As a result, the students lacked the basic skills and the clinical instructors recommended the addition of the independent laboratory section to the MLS curriculum. Review of student board scores indicates that immunology remains the lowest score. Additional application and instruction is intended to improve student learning.

2. Note whether this course is: _____ Required   _____ Elective

3. In addition to the major/program in which this course is offered, what other majors/programs will be affected by this course?

None

4. If this will be a dual listed course, indicate how the distinction between the two levels will be made.

5. Desired section size  12 students

6. Provide qualifications of faculty who will teach this course. List name(s), rank(s), and degree(s).

Patricia M. Tille Ph.D., MT(ASCP) Program Director Medical Laboratory Science and Assistant Professor, Department of Chemistry and Biochemistry. 2002; Ph.D. Basic Biomedical Sciences Sanford School of Medicine; Department of Microbiology and Immunology. American Society of Clinical Pathology Certified Medical Laboratory Technologist, 1992 – present, or additional MLS faculty.

7. Note whether adequate facilities are available and list any special equipment that will be needed for the course.

Appropriate lecture and computerized classrooms are adequate for instruction.

8. Note whether adequate library and media support are available for the course.

Current library resources are adequate.

9. Will the new course duplicate courses currently being offered on this campus?

No