Course Inventory Change Request

New Course Proposal

Date Submitted: 09/01/15 11:46 am

Viewing: BIOL 4245: Virology Lab

Last edit: 09/16/15 9:41 pm

Changes proposed by: D00145684

<table>
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<th>Course Prefix:</th>
<th>BIOL</th>
<th>Course Number:</th>
<th>4245</th>
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<tr>
<td>Effective Semester:</td>
<td>Fall 2016</td>
<td></td>
<td></td>
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<tr>
<td>Department:</td>
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<td>School of Science &amp; Technology</td>
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<td>Course Title:</td>
<td>Virology Lab</td>
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<td>Instructor Permission Required:</td>
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In Workflow

1. LISC Chair
2. SC Admin
3. SC Dean
4. University Curriculum Committee Chair
5. Banner

Approval Path

1. 09/01/15 11:47 am
   David Jones (dwjones): Approved for LISC Chair
2. 09/01/15 11:57 am
   Ruth Bruckert (bruckert): Approved for SC Admin
3. 09/02/15 9:09 am
   David Wade (dwade): Rollback to SC Admin for SC Dean
4. 09/02/15 1:26 pm
   Ruth Bruckert (bruckert): Approved
Repeatable for Credit: No
Schedule Type: Lab with Credit
Hrs/Wk: 6
Catalog Prerequisites: Yes
Catalog Prerequisites:
Biol 3010, Biol 3030, Chem 2310, and Chem 2315 (All grade C or higher).
Recommended prerequisites Biol 3455 and Biol 3555.
Grade Required on Prerequisite(s): C
Corequisites: Yes
Corequisite(s): Biol 4240.
Course/Lab Fee: Yes
Fee Amount | Fee Deposit Index Code | Fee Justification
--- | --- | ---
100 | NAT304 | Purchase of consumables, biologicals, and reagents.
Instruction Index Code: NAT201
GE Status Requested: No
Catalog Description: Introduces students to fundamentals of viral-based laboratory techniques and protocols. Covers eukaryotic cell culture, biochemistry, genomics, viral life cycles, and techniques used in virus studies. Utilize bacteriophage, plant, and animal viruses.
Course Rotation: Fall (every)

Justification for course/change: Develop advanced laboratory capabilities of students and university. Provide practical laboratory skills for biology majors.

Library Resources Adequate: Yes

Tech Resources Adequate: Yes

Comparable Courses: (use USHE course first)

<table>
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<tr>
<th>Institution</th>
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<th>Credit(s)</th>
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<td>MICR 4554</td>
<td>4</td>
<td>Virology</td>
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Course Learning Outcomes: Students completing this course will be expected to successfully meet the following Learning Outcomes:

1. Learn aseptic technique for working with viruses
2. Learn methods for culturing and studying bacteriophage
3. Learn cell culture techniques for HeLa cells and Sf9 cells
4. Learn techniques for enumeration and identification of cultured viruses
5. Learn techniques for storing and maintaining virus cultures

Course Reviewer Comments

D00286741 (09/02/15 9:09 am): Rollback: Course has not been through SCC, Ruth asked that it be rolled back.

D00072043 (09/15/15 3:45 pm): Placed . after co-requisite and took the cents off the lab fee

D00002376 (09/16/15 9:33 pm): slee: schedule type was submitted as Lab, No Credit. Since this form is submitted as having 2 credits, I changed the schedule type to be Lab w/Credit.

D00002376 (09/16/15 9:40 pm): slee: removed the space on the fee deposit index code. There can't be any spaces between the Alpha/numeric code.