Program Change Request

Date Submitted: 09/13/18 3:59 pm

Viewing: MINOR-BESC : Bioenvironmental Sciences - Minor
Last edit: 11/08/18 8:34 pm
Changes proposed by: semurdock

Catalog Pages Using this Program

Bioenvironmental Sciences - Minor

Contact(s)

<table>
<thead>
<tr>
<th>Name</th>
<th>E-mail</th>
<th>Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sam Murdock</td>
<td><a href="mailto:murdock@tamu.edu">murdock@tamu.edu</a></td>
<td>9798452388</td>
</tr>
</tbody>
</table>

Academic level: Undergraduate
Effective Term: 2019-2020
Department: Plant Pathology & Microbiology
College: Agriculture & Life Sciences
Program type: Minor
With a minor in: Bioenvironmental Sciences (BESC)
Associated Program: Not Applicable

Catalog Program Title
Bioenvironmental Sciences - Minor

Rationale for Proposal
Adding additional BESC course options and making PLPA 301 optional (as opposed to a required course). Removing PLPA 303 lab requirement from the Minor. Removing "C" requirement for courses.

Program hours: 15

Is this program eligible for financial aid? Yes
Will program hours change (increase/decrease) due to the proposed curriculum changes? Yes

Catalog Program Requirements

In Workflow
1. PLPM Department Head
2. Curricular Services Review
3. AG Committee Preparer UG
4. AG Committee Chair UG
5. AG College Dean UG
6. UCC Preparer
7. UCC Chair
8. Faculty Senate Preparer
9. Faculty Senate
10. Provost II
11. President
12. Curricular Services

Approval Path
1. 09/07/18 3:15 pm
   Won Bo Shim (wbshim):
   Approved for PLPM Department Head
2. 09/11/18 9:56 am
   Angel Mario Carrizales (carri1214):
   Rollback to Initiator
3. 09/13/18 4:37 pm
   Won Bo Shim (wbshim):
   Approved for PLPM Department Head
4. 09/17/18 2:22 pm
   Angel Mario Carrizales (carri1214):
   Approved for Curricular Services Review
5. 09/17/18 2:29 pm
   Dawn Kersteer (dkersteer):
   Approved for AG Committee Preparer UG
6. 10/05/18 9:50 am
   Bob Knight (bob-knight):
   Approved for AG Committee Chair UG
7. 10/05/18 9:58 am
   Dawn Kersteer (dkersteer):
   Approved for AG College Dean UG
8. 10/08/18 2:02 pm
   Sandra Williams (sandra-williams):
   Approved for UCC Preparer
9. 11/05/18 3:21 pm
   Sandra Williams (sandra-williams):
   Approved for UCC Chair

Course List

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Semester Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BESC 201</td>
<td>Introduction to Bioenvironmental Sciences</td>
<td>3</td>
</tr>
<tr>
<td>PLPA 301</td>
<td>Plant Pathology</td>
<td>3</td>
</tr>
<tr>
<td>or BESC 367</td>
<td>or U.S. Environmental Regulations</td>
<td></td>
</tr>
<tr>
<td>PLPA 303</td>
<td>Plant Pathology Laboratory</td>
<td>1</td>
</tr>
</tbody>
</table>

Select 9 hours from the following:

- BESC 204 Molds and Mushrooms: The Impact of Fungi on Society and the Environment
- BESC 311 International Perspectives on Environmental Issues
- BESC 314 Pathogens, the Environment and Society
- BESC 320 Water and the Bioenvironmental Sciences
- BESC 357 Biotechnology for Biofuels and Bioproducts
- BESC 401 Bioenvironmental Microbiology
- BESC 402 Microbial Processes in Bioremediation
- BESC 403 Sampling and Environmental Monitoring
- BESC 411 Environmental Health and Safety Compliance
- BESC 484 Field Experience
- BESC 485 Directed Studies
- BESC 489 Special Topics in...
- BESC 491 Research

Total Semester Credit Hours: 15

Students must make a grade of "C" or better in all courses.

Additional information

Required Proposal Forms

Reviewer Comments

Angel Mario Carrizales (carri1214) (09/11/18 9:56 am): Rollback: Please add the courses that make up the Directed Electives to the evaluation and include the C or better requirement.

Angel Mario Carrizales (carri1214) (09/17/18 2:22 pm): Initial concerns addressed. The initiator has removed "Must make C or better" in each course on both the catalog program requirements and the minor's evaluation.

Sandra Williams (sandra-williams) (11/05/18 3:21 pm): UCC approved November 2018.
Area: Bioenvironmental Science Minor (16-2000 credits) - Met

<table>
<thead>
<tr>
<th>Met</th>
<th>Condition Rule</th>
<th>Subject Attribute</th>
<th>Low</th>
<th>High</th>
<th>Required Credits</th>
<th>Required Courses</th>
<th>Term</th>
<th>Subject</th>
<th>Course Title</th>
<th>Attribute</th>
<th>Credits</th>
<th>Grade Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>A.</td>
<td></td>
<td>BE-SC 201</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>AND</td>
<td>B. PLPA 301/303 hrs</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>AND</td>
<td>C. Directed Electives 9hrs</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Total Credits and GPA

<table>
<thead>
<tr>
<th>BE-SC 201</th>
<th>BE-SC 367</th>
</tr>
</thead>
<tbody>
<tr>
<td>BE-SC 304</td>
<td></td>
</tr>
<tr>
<td>BE-SC 311</td>
<td></td>
</tr>
<tr>
<td>BE-SC 320</td>
<td></td>
</tr>
<tr>
<td>BE-SC 357</td>
<td></td>
</tr>
<tr>
<td>BE-SC 401</td>
<td></td>
</tr>
<tr>
<td>BE-SC 402</td>
<td></td>
</tr>
<tr>
<td>BE-SC 403</td>
<td></td>
</tr>
<tr>
<td>BE-SC 411</td>
<td></td>
</tr>
<tr>
<td>BE-SC 487</td>
<td></td>
</tr>
<tr>
<td>BE-SC 485</td>
<td></td>
</tr>
<tr>
<td>BE-SC 489</td>
<td></td>
</tr>
<tr>
<td>BE-SC 491</td>
<td></td>
</tr>
</tbody>
</table>