

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)

Name	E-mail	Phone
Sam Murdock	murdock@tamu.edu	9798452388

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?

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 Kerstetter
(dkerstetter): 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 Kerstetter
(dkerstetter): 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		Semester Credit Hours
Code	Title	
BESC 201	Introduction to Bioenvironmental Sciences	3
PLPA 301	Plant Pathology	3
or BESC 367	or U.S. Environmental Regulations	
PLPA 303	Plant Pathology Laboratory	4
Select 9 hours from the following:		9
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 367	U.S. Environmental Regulations	
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

[BESC Minor \(2019 Catalog Update\).pdf](#)

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.

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Area : Bioenvironmental Science Minor (16.000 credits) - Met

Met Condition Rule Subject Attribute Low High Required Credits Required Courses Term Subject Course Title Attribute Credits Grade Source

A. BESC 201

AND B. PLPA 301/303 4hrs or BESC 367

AND C. Directed Electives 9hrs

Total Credits and GPA

- BESC 204
- BESC 311
- BESC 314
- BESC 320
- BESC 357
- BESC 401
- BESC 402
- BESC 403
- BESC 411
- BESC 484
- BESC 485
- BESC 489
- BESC 491