March 8, 2019

Provost and Executive Vice Chancellor Warwick Arden  
North Carolina State University  
Holladay Hall, Box 7001, Pullen Road  
Raleigh, NC 27695-7001  

Dear Provost Arden:

The request from North Carolina State University to modify the title of the Bachelor of Science (B.S.) in Agricultural and Environmental Technology Program (CIP: 01.0201) to Biological and Agricultural Engineering Technology has been received and approved, effective for the date shown.

<table>
<thead>
<tr>
<th>CIP</th>
<th>Degree</th>
<th>Title</th>
<th>Location</th>
<th>Effective Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>01.0201</td>
<td>B.S.</td>
<td>Biological and Agricultural</td>
<td>On Campus</td>
<td>Spring 2019</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Engineering Technology</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Please update your institution’s information systems as appropriate.

If we may be of any further assistance, please let us know.

Sincerely,

Rollinda Thomas
MEMORANDUM

To: Dr. Michael Mullen
Vice Chancellor and Dean of the Division of Academic and Student Affairs

From: Dr. Garey Fox, P.E., Professor and Department Head
Department of Biological and Agricultural Engineering

Date: May 16, 2018

Subject: Change in Degree Program Title
Current Title: Agricultural and Environmental Technology
SIS Code: 11AGEVTBS
CIP Code: 01.0201

Proposed New Title: Biological and Agricultural Engineering Technology
Proposed New SIS Code: 11BAETBS
Proposed Effective Date: August 1, 2019

Reason for Title Change: With today’s reliance on the tools of science and technology, the increasing need to produce a safe and abundant food supply, and increasing concerns about environmental sustainability, there is a significant need for graduates with the ability to use technology for the management of biological and agricultural systems. While this has always been the goal of the Agricultural and Environmental Technology program, the program (i) has not been able to attract the desired quality of students to meet the program’s goals, (ii) fails to market the degree as a four-year degree program that interfaces with engineering to prospective students, and therefore, (iii) puts our graduates at a competitive disadvantage compared to other national institutions with similar degrees. Furthermore, students do not feel as connected to the department because of the variation of the program name from the department’s name. Finally, this change allows the program to pursue accreditation through the Engineering Technology Accreditation Commission of ABET as the current program fits ABET’s curricular and career thoughts on engineering technology. Therefore, the Department of Biological and Agricultural Engineering requests permission to change the Agricultural and Environmental Technology degree program name to the B.S. in Biological and Agricultural Engineering Technology. Changing the degree program name to Biological and Agricultural Engineering Technology is strongly supported by current students in the program, unanimously supported by the department’s Advisory Board representing potential employers of the program’s graduates, supported by alumni and employers based on an external survey, and unanimously supported by the faculty.

Impact to the Classification: The title change does not impact the classification of the CIP code.

Impact to Other Programs or Departments: The revision does not impact other programs or departments, as this is the only engineering technology program. The department has consulted with the Associate Dean of Academic Affairs in the College of Engineering, who is supportive of the request since the program fits ABET’s curricular and career thoughts on engineering technology.

Impact on Current Students: Current students will not be impacted in completing their degrees.

Please do not hesitate to contact me (919-515-6700, gafox2@ncsu.edu) with any questions about this request.
Curriculum Action
2 messages

Andy Hale <hale@ncsu.edu>  
To: Stacy Supak <stacy_supak@ncsu.edu>  

Tue, Aug 7, 2018 at 11:32 AM

Stacey,

I am in the process of preparing a curriculum action for the B.S. in Agricultural and Environmental Technology which includes dropping GIS 410 as an elective and replacing it with GIS 280. Is this acceptable for you? I do not anticipate more than 5 students a year would be taking GIS 280. A copy of the curriculum action has been attached for your review.

Thanks for your input,
Andy

--
S. Andrew Hale, Ph.D.
Professor, Undergraduate Coordinator and Associate Head
Department of Biological and Agricultural Engineering
108 D.S. Weaver Labs
North Carolina State University
Raleigh, NC 27695-7625
Phone: (919) 515-6760
FAX: (919) 515-7760
Andy_Hale@ncsu.edu
Appointment Calendar
http://www.bae.ncsu.edu/people/faculty/hale/

All electronic mail messages in connection with State business sent to or received by this account are subject to the NC Public Records Law and may be disclosed to third parties.

AET Revision to 120 Credit Hours.pdf
925K

Stacy Supak <sksupak@ncsu.edu>  
To: Andy Hale <hale@ncsu.edu>, Eric Money <esmoney@ncsu.edu>  

Thu, Aug 9, 2018 at 1:07 PM

Hi Andy,

Thank you for sharing the curriculum action form. It looks good to me.

-Stacy
[Quoted text hidden]

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Stacy Supak, PhD
Teaching Assistant Professor
Center for Geospatial Analytics
North Carolina State University
5121 Jordan Hall
Raleigh, NC 27695
(919) 513-8026

https://mail.google.com/mail/u/0?ik=563e6484b9&view=pt&search=all&permthid=thread-a%3Ar1460322703917263664&simplt=msg-a%3Ar388261355... 1/1
ENDORSED BY:

[Signature] 8/9/2018
Head, Biological & Agricultural Engineering Department

APPROVED BY:

[Signature] 11/26/18
Provost

RECOMMENDED BY:

[Signature] 8/29/18
Chair, Courses and Curricula Committee
College of Agriculture and Life Sciences

[Signature] 12/19/18
Chancellor

[Signature] 30 Aug 18
Chair, Courses and Curricula Committee
College of Engineering

ENDORSED BY:

[Signature] 8/31/2018
Dean
College of Agriculture and Life Sciences

Dean
College of Engineering

RECOMMENDED BY:

[Signature] 9/20/18
Chair, University Courses and Curricula Committee

APPROVED BY:

[Signature] 9/26/18
Dean
Division of Academic and Student Affairs

RECOMMENDED BY:

[Signature] 11/29/18
Dean's Council
North Carolina State University
Undergraduate Degree in Biological and Agricultural Engineering Technology

This request has been reviewed and approved by the appropriate campus committees and authorities.

Endorsed By:

See Document Signature
Head, Department/Program Date

Recommended By:

See Document Signature
Chair, College Curriculum Committee Date

Endorsed By:

See Document Signature
College Dean Date

Recommended By:

Vice Provost, DELTA (if DE degree/certificate) Date

Recommended By:

See Document Signature
Chair, University Courses & Curricula Committee Date

Approved By:

See Document Signature
Dean, (DASA or the Graduate School) Date

Recommended By:

[Signature]
Dean's Council 11/29/18

Approved By:

[Signature]
Executive Vice Chancellor and Provost 11/30/18

Approved By:

[Signature]
Chancellor 12/09/18