

**We will make these changes that are noted below by Valery and the College of Science.**

Fred

Sent from my iPhone

Begin forwarded message:

**From:** Valery Forbes <[veforbes@fau.edu](mailto:veforbes@fau.edu)>

**Date:** September 29, 2022 at 1:20:58 PM EDT

**To:** Fred Bloetscher <[fbloetsc@fau.edu](mailto:fbloetsc@fau.edu)>

**Cc:** Andrew Terentis <[terentis@fau.edu](mailto:terentis@fau.edu)>, Sarah Milton <[smilton@fau.edu](mailto:smilton@fau.edu)>, Luc Wille <[willel@fau.edu](mailto:willel@fau.edu)>, Evonne Rezler <[erezler@fau.edu](mailto:erezler@fau.edu)>, William Kalies <[WKALIES@fau.edu](mailto:WKALIES@fau.edu)>

**Subject:** CoS Response to Biomedical Engineering Proposal

Hi Fred,

Please find our response to the Biomedical Engineering proposal attached.

Best regards,

Valery

Valery E. Forbes, Ph.D.  
Dean, Charles E. Schmidt College of Science  
Florida Atlantic University  
777 Glades Road  
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Boca Raton, FL 33431  
T: 561-297-3288  
E: [veforbes@fau.edu](mailto:veforbes@fau.edu)

### **Response from Science:**

September 29, 2022

To: Fred Bloetscher, Ph.D., P.E.  
From: Professor and Associate Dean for Undergraduate Studies and Community Outreach  
College of Engineering & Computer Science

Dear Fred:

Thank you for giving the College of Science the opportunity to review and provide input to the proposed Biomedical Engineering degree program. The department chairs of Biology, Chemistry

& Biochemistry, and Physics were invited to provide input. Moving forward, we would be grateful if you would also include the CoS dean's office in any such consultations.

Overall, CoS is very supportive of this proposed program and believe it will serve FAU students well. We have some specific input to the proposal as follows:

1. We request that College of Science DIR course options in physics, biology, and chemistry & biochemistry be included as electives so that CoS faculty with relevant research expertise may provide research opportunities for these Biomedical students.
2. Regarding introductory biology, we noted that BIO 1011 would be a more appropriate choice for these students than BIO 1010. Please be aware that BIO 1011 is only offered in the spring.
3. Our understanding is that there will be around 100 students total over the course of 5 years in this major. We expect that Engineering will keep us informed on expected enrollments so that we can plan our courses to accommodate additional biomedical students in a timely manner. If, in the future, increased instructional demand for core CoS courses requires additional course sections to be added, involving additional costs (e.g. adjunct, instructor, overload), we will need to revisit to determine whether CoS or CoECS will pay these added costs. We might consider separate sections for engineering students, taught by CoS faculty.

Thank you again for taking our input onboard, and we wish CoECS the best of success in launching this new program.

Best regards,

Sincerely,

Valery Forbes  
Dean

Cc. Sarah Milton, Andrew Terentis, Luc Wille, Evonne Rezler, William Kalies

## Support from Physics for Biomedical Engineering Program

**From:** Luc Wille <[willel@fau.edu](mailto:willel@fau.edu)>  
**Sent:** Wednesday, September 14, 2022 1:42 PM  
**To:** Fred Bloetscher <[fbloetsc@fau.edu](mailto:fbloetsc@fau.edu)>  
**Cc:** Maria Jennings <[mjenning@fau.edu](mailto:mjenning@fau.edu)>  
**Subject:** Re: Proposed BS Biomedical Engineering Degree

Hi Fred: Good chatting with you about the proposed Biomedical Engineering degree program. As we discussed, the physics department has no objection to this program. If there is anything we can do to facilitate this, do not hesitate to let me know.

All my best, --Luc

Luc T. Wille  
Professor and Chair  
Department of Physics  
Florida Atlantic University

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**From:** Fred Bloetscher <[fbloetsc@fau.edu](mailto:fbloetsc@fau.edu)>  
**Sent:** Sunday, August 28, 2022 12:40 PM  
**To:** Luc Wille <[willel@fau.edu](mailto:willel@fau.edu)>; Andrew Terentis <[terentis@fau.edu](mailto:terentis@fau.edu)>; Sarah Milton <[smilton@fau.edu](mailto:smilton@fau.edu)>  
**Cc:** Maria Jennings <[mjenning@fau.edu](mailto:mjenning@fau.edu)>  
**Subject:** Proposed BS Biomedical Engineering Degree

Good Afternoon

As you may know the College of Engineering and Computer Science has proposed an undergraduate degree in biomedical engineering. As we close in on BOG approval, we need to put the program into the catalog. The proposed program is attached and was approved by our college undergraduate committee. Not surprisingly, Many of the course will come from the college of science, especially at the 1000 and 3000 level. We are not proposing a much in the way of new classes in our college (or yours) as we seek to leverage our current resources to a degree program that we believe will add productivity to our current resources.

We need an email to support the program for Faculty Senate.

Your help is appreciated

Fred

Fred Bloetscher, Ph.D., P.E.  
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