



Item: AS: A- 6

Tuesday, May 17, 2016

SUBJECT: APPROVAL OF NEW ACADEMIC PROGRAM – BACHELOR OF SCIENCE IN LIBERAL ARTS AND SCIENCES

PROPOSED BOARD ACTION

Approve the addition of the Bachelor of Science in Liberal Arts and Sciences degree option (24.0101) at the Wilkes Honors College.

BACKGROUND INFORMATION

The faculty of the Wilkes Honors College is requesting that the following concentrations (Biological Chemistry, Biology, Chemistry, the Environmental Science track within the Environmental Studies, Marine Biology, Neuroscience – Cellular Neuroscience, Neuroscience - Neuroscience, Cognition, and Behavior, Physics, and Psychology) within the college, be designated as Bachelor of Science in Liberal Arts and Sciences rather than the current Bachelor of Arts in Liberal Arts and Sciences. These concentrations include a preponderance of coursework in the natural sciences and mathematics. In instances where the same or comparable programs are offered as majors by other units of the university, those degrees are available as Bachelor of Science degrees.

IMPLEMENTATION PLAN/DATE

The new academic program degree option of a Bachelor of Science in Liberal Arts and Sciences at the Wilkes Honors College will be effective Fall 2016.

FISCAL IMPLICATIONS

The new degree option will not require any changes in curriculum, additional faculty, or financial resources.

Supporting Documentation: Conversion Memorandum

Presented by: Dr. Russell Ivy, Associate Provost for Programs and Assessment

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MEMORANDUM:

TO: Dr. Jerome Haky
Chair, University Undergraduate Programs Committee (UUPC)

FROM: Dr. Mary Ann Gosser
Chair, University Honors Council (UHC)
University Honors Coordinator

DATE: 12 February 2016

RE: Wilkes Honors College Conversion of BA Degrees to BS Degrees

The University Honors Council met today to review and discuss the Wilkes Honors College's proposal to convert BA degrees to BS degrees. These include: Biological Chemistry, Biology, Chemistry, The Environmental Science track within Environmental Studies, Neuroscience—Track One: Cellular Neuroscience, Neuroscience—Track Two: Neuroscience, Cognition, and Behavior; Physics, and Psychology.

The University Honors Council endorses the request.

H A R R I E T L . W I L K E S
HONORS COLLEGE
 F L O R I D A A T L A N T I C U N I V E R S I T Y.

MEMORANDUM

TO: Russ Ivy
Associate Provost

FROM: Jeffrey L. Buller 
Dean

RE: Converting B.A. Degrees to B.S. Degrees

DATE: January 5, 2016

The faculty of the Wilkes Honors College is requesting that, for the following concentrations within the college, the degrees that it offers be designated as Bachelor of Science in Liberal Arts and Sciences (instead of the current Bachelor of Arts in Liberal Arts and Sciences):

- Biological Chemistry
- Biology
- Chemistry
- The Environmental Science track within Environmental Studies
- Marine Biology
- Neuroscience-Track One: Cellular Neuroscience
- Neuroscience-Track Two: Neuroscience, Cognition, and Behavior
- Physics
- Psychology

The rationale for this request includes the following:

- Unlike other concentrations within the college, the concentrations listed above include a preponderance of coursework in the natural sciences and mathematics. (See accompanying grid, which provides a concise summary of the total credits of science courses in these concentrations.)
- In instances where the same or comparable programs are offered as majors by other units of the university, those degrees are available as Bachelor of Science degrees.

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- Current and prospective students of the college regularly request the availability of Bachelor of Science degrees in these concentrations.
- The new degree designation will reinforce the college's commitment to and support of the Jupiter Science Initiative.

I would request that the college be permitted to issue degrees in the above concentrations as Bachelor of Science instead of Bachelor of Arts degrees beginning Fall 2016 with the understanding that student who came in under the B.A. system would have the option of requesting a B.A.

Concise Summary of Minimum Credit Hours in Math and Science by Concentration

	Core Science (Min)	Core Math (Min)	Other math/natural science (minimum)—excluding thesis	Total Math/Science credits
Biological Chemistry	8	7	50	65
Biology	8	7	44	59
Chemistry	8	7	42	57
Environmental Studies (science track)	8	7	20	35
Marine Biology	8	7	48	63
Neuroscience-Track One: Cellular Neuroscience	8	7	46	61
Neuroscience-Track Two: Neuroscience, Cognition, and Behavior	8	6	23*	37
Physics	8	7	23	38
Psychology	7	6	12*	25

*Does not count PSY/CLP/EXP/PPE/DEP/SOP as Natural Science.

(Assumes students in these programs enter FAU with Precalc and count Calc I for Core.)

Requirement outlines for these degrees follow.

Signature Page
Wilkes Honors College B.A. to B.S. Request

Department Chair: _____

College Curriculum Chair: _____

College Dean: _____

UUPC Chair: _____

Undergraduate Studies Dean: _____

UFS President: _____

Provost: _____