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
Phone: 561-297-2353
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.
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.

Harriet L. Wilkes Honors College
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An Equal Opportunity/Equal Access Institution
• 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

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

*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: ____________________________ 2/21/16

Undergraduate Studies Dean: ____________________________ 3/1/16

UFS President: ____________________________

Provost: ____________________________