**FLORIDA ATLANTIC UNIVERSITY**

Undergraduate Programs—NEW COURSE PROPOSAL

<table>
<thead>
<tr>
<th>DEPARTMENT</th>
<th>COLLEGE OF SCIENCE</th>
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<tr>
<td>CHEMISTRY AND BIOCHEMISTRY</td>
<td>SCIENCE</td>
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</table>

**Recommended Course Identification**
(to obtain a course number, contact nmaldonado@fau.edu)

<table>
<thead>
<tr>
<th>PREFIX</th>
<th>COURSE NUMBER</th>
<th>LAB CODE (L. or C)</th>
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<tbody>
<tr>
<td>CHM</td>
<td>4350</td>
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**Complete Course Title:** STRUCTURAL BIOCHEMISTRY

**Effective Date**
(first term course will be offered)

___Summer 2016___

**Credits**

3

**Textbook Information**


**Grading (Select only one grading option):**

- Regular X  
- Pass/Fail  
- Satisfactory/Unsatisfactory

**Course Description, no more than three lines:**

This course places emphasis on computer-based approach to teach structural biochemistry. It uses hands-on experience to develop essential skills for understanding of relationships between structure and function of biomolecules. Classes will be held in computer labs. State-of-the-art software for visualization, manipulation and simulation of various biomolecules is used throughout.

**Prerequisites/Minimum Grade**

CHM2210, minimum grade C

**Corequisites**

**Registration Controls (Major, College, Level)**

*Default minimum passing grade is D-.* Prerequisites, corequisites and registration controls will be enforced for all course

**Minimum Qualifications Needed to Teach This Course:**

Ph.D. in Chemistry or Biochemistry

**WAC/Gordon Rule Course**

YES X NO

WAC/Gordon Rule criteria must be indicated in syllabus and approval attached to proposal. Guidelines: [www.fau.edu/WAC](http://www.fau.edu/WAC)

**General Education Requirement (Mark X in front of selection)**

- Written Communication
- Math/Quantitative Reasoning
- Science/Natural World
- Society/Human Behavior
- Global Citizenship
- Humanities

General Education criteria must be indicated in the syllabus and approval attached to proposal. Guidelines: [www.fau.edu/ugstudies/GeneralEdCourseApprovalRequests.php](http://www.fau.edu/ugstudies/GeneralEdCourseApprovalRequests.php)
Faculty contact, email and complete phone number:

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Assistant Scientist
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Tel: +1-561-297-4871

Please consult and list departments that might be affected by the new course and attach comments.

Department of Biological Sciences

<table>
<thead>
<tr>
<th>Approved by</th>
<th>Date</th>
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<tbody>
<tr>
<td>Department Chair:</td>
<td>1-29-16</td>
</tr>
<tr>
<td>College Curriculum Chair:</td>
<td>2-24-16</td>
</tr>
<tr>
<td>College Dean:</td>
<td>2-24-16</td>
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<tr>
<td>UUPC Chair:</td>
<td>3-11-16</td>
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<tr>
<td>Undergraduate Studies Dean:</td>
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<td>UFS President:</td>
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<td>Provost:</td>
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1. Syllabus must be attached; syllabus checklist recommended; see guidelines and checklist: [www.fau.edu/academic/registrar/UUPCInfo](http://www.fau.edu/academic/registrar/UUPCInfo)


3. WAC approval (attach if applicable)

4. Gen. Ed. approval (attach if applicable)

5. Consent of affected departments (attach if applicable)

Email this form and syllabus to mjennings@fau.edu seven business days before the UUPC meeting.