

**Department of Chemistry and Biochemistry
Supplemental Document
Graduate Application—Research Interest Area**

Chemistry in the 21st century encompasses many different fields of research. In order to help us evaluate your application, please read the instructions carefully and answer all questions. There is no required format/length, but it is generally expected that your statement will specifically describe how your interests overlap with the work of at least two or three research faculty.

Please note:

1. We ask that you expand upon your personal statement in the context of the current research programs in the Department of Chemistry and Biochemistry (CBC). With this information, if we do recommend you for admission, we all can be confident that you will have sufficient opportunities to find an opening in a suitable research group.

The current research descriptions for CBC faculty can be accessed from the following website: <http://www.chem.udel.edu/faculty>

We are not asking you to make a commitment to a specific path and your response will not limit your options within the Department of Chemistry and Biochemistry in any way. The program provides the flexibility for all students to attend seminars by all research-active faculty and have discussions with as many of them as the student may need to in order to identify or develop suitable research projects.

2. Below, we have provided a sample list of the research areas in which the Department of Chemistry and Biochemistry at the University of Delaware focuses. Please indicate which area(s) you are most interested in. You may select more than one research area and if you choose to do so, we highly recommend that your statement provides a justification and a rank-order, if possible.

Biomolecular structure and function	Biomaterials
Bioinorganic chemistry	Biophysical chemistry
Catalysis	Chemical biology
Chemical sensors	Computational chemistry
Coordination chemistry	Energy sciences
Environmental chemistry	Enzymology
Instrument development	Materials
Organometallic chemistry	Spectroscopy and imaging
Surfaces and interfaces	Synthesis
Theory development	

3. Feel free to add any additional information that you wish to share with us.

Upload your document as a supplemental document in the area of your application called "Additional Document Uploads".