

## Chemistry Capstone Plan

Name of student:

To fulfill the chemistry capstone, you must submit **four** of the six items listed below. Please mark the items that will be submitted and indicate the deadline for each.

			2015-16						2016-17			Submission deadline (check one)				
			Independent work	Research (summer or 485)	CHE 323-1 (Physical Chemistry I)	CHE 334-3 (Biochemistry, Nowak-Thompson)	CHE 324-4 (Physical Chemistry II)	CHE 339-6 (Advanced Physical Chemistry)	CHE 334-7 (Biochemistry, Cardon)	CHE 335-7 (Advanced Inorganic)	CHE 328-8 (Advanced Organic)	CHE 334-3 (Biochemistry, Nowak-Thompson)	CHE 333-6 (Advanced Analytical)	CHE 334-7 (Biochemistry, Cardon)	End of Block 2 (one item)	End of Block 4 (one item)
Lab report from an advanced chemistry course	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Report from research (summer or 485)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Research proposal	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Literature review/critique	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Oral presentation from advanced chemistry course or research	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Poster from advanced chemistry course or research	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Guidelines:**

No more than two items may originate from any single OCAAT course.

Each item must be accompanied by an introduction outlining the origin of the work and commenting on connections to other subfield(s) of chemistry.

Work from a course must be rewritten to include all corrections and should address concerns raised by the grader.

Written work should be expanded to include connections with other subfields of chemistry.

**Procedures:**

Submit this plan to the department chair by the end of block 5 of the junior year.

Portfolio items may be submitted through the Chemistry Capstone Moodle course.

The chemistry department will evaluate each item submitted and approve it or send it back for revision within 2 weeks.

Signature of student:

Signature of faculty advisor:

Date: