Drexel University Chemical and Biological Engineering

Senior Thesis Application and Proposal

Instructions: Fill out information below, attach research proposal (next page), and submit signed form to Katie Brumbelow before Fall term registration. You will be enrolled for 3 units of CHE I498, Senior Research in both Fall and Winter terms. In Spring term, you are responsible for enrolling in CHE I499, Senior Thesis.

Student Name: ID #:

Anticipated graduation date: GPA (cum):   GPA (CBE):

Research advisor:

Project title:

CHE I498 section title (30 characters maximum, including spaces):

I agree to sponsor the student and project described above:

_____

Signature of research advisor   Date

Senior Thesis Proposal: Title here

Abstract: (<200 words): Summarize the goals of the project. Briefly describe the importance of the research and the technical activities that will be accomplished.

Introduction: (1-2 paragraphs): Provide a detailed background to the project, including (i) the general significance of the field; (ii) current notable state-of-the-art work, (iii) unanswered questions and opportunities for study. Conclude with one or two statements describing the goals of the current project. [Note the introduction must reference at least two scholarly journal or conference articles]

Proposed Work and Timeline: (1-2 pages): Provide a general description and schedule of the proposed work over the three quarters of the project. Be specific, but concise, and include the rationale for research tasks. As much as possible, provide expectations for success, and contingency plans to accommodate challenges. Bulleted lists (with appropriate detail) are suitable.

Dissemination and Presentation Strategy: (1 paragraph) Provide a brief description of plans to communicate research results to the academic and/or general community, beyond the research group of the faculty advisor. Note that a defense is required, but can be substituted with an external presentation with advisor permission.

References: