



## Ph.D. Qualifying Exam Information Form

All IMSE Ph.D. students must complete their Ph.D. qualifying exam by the end of the summer prior to their second year in the program. The examining committee consists of three members of the IMSE Graduate Faculty (see <http://imse.wustl.edu/graduate-faculty>) and may not include the student's Ph.D. thesis advisor. The exam consists of three parts:

- (1) 10-15 page written report describing the background, methods, and results obtained from one research rotation experience;
- (2) 20 minute oral presentation on this research rotation;
- (3) 100 minute oral examination covering the presented work as well as the student's knowledge of the fundamental areas of Materials Science and Engineering covered in three IMSE Ph.D. core courses of the student's choice.

**Student Name:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Ph.D. Thesis Advisor:** \_\_\_\_\_

**Topic of Research Rotation for Exam:** \_\_\_\_\_

**1. Which 3 of the following 4 core IMSE classes would you like to have included in your oral exam?**

- a. \_\_\_\_\_ Quantitative Materials Science and Engineering (MEMS 5610)
- b. \_\_\_\_\_ Mechanical Properties of Materials (MEMS 5601)
- c. \_\_\_\_\_ Thermodynamics/Kinetics of Materials (PHYS 537)
- d. \_\_\_\_\_ Introduction to Polymer Science and Engineering (MEMS 5608)

**2. Who would you like to have on the committee?**

Please consult with your Ph.D. Thesis advisor and suggest **four** IMSE Graduate Faculty members to include on your examination committee. Select at least one from Arts & Sciences and one from Engineering. Your Ph.D. thesis advisor may not be a member of the examining committee. The Director of Graduate Studies will make the final decision the committee members.

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