

Certificate of Departmental Approval

Master of Science in Engineering Degree Program in Chemical and Biomolecular Engineering

Declared MSE Program Type: Essay Track Co-op Track Design Track Course Track

SEM/YEAR OF GRADUATION: _____

Student Name	
JHED ID	
Hopkins ID	
Faculty Advisor	
JHU Email Address	

Undergraduate institution, major, and graduation date:

Plans After Graduation:

(Indicate specific employer or university if already known. If unknown at this time, please indicate as such, and provide your tentative plans.)

Coursework Requirements:

Core Courses (3 Total)

Sem/Year	Course	Credits	Grade	Double-Counted?	Transfer?
Core 1: Thermodynamics (One Required)					
Core 2: Transport (One Required)					
Core 3: Kinetics (One Required)					

In addition to your three core courses above, students must also take letter graded courses as follows:

Essay Track

9 elective credits of graduate-level coursework (EN.XXX.6XX)

3 elective credits must be ChemBE graduate-level coursework (EN.540.6XX)

12 credits of graduate research (EN.540.801)

Co-op Track

9 elective credits of graduate-level coursework (EN.XXX.6XX)

3 elective credits must be ChemBE graduate-level coursework (EN.540.6XX)

9 credits of study away credit

Design Track

9 elective credits of graduate-level coursework (EN.XXX.6XX)

3 elective credits must be ChemBE graduate-level coursework (EN.540.6XX)

9 credits of ChemBE Design coursework

Course Track

21 elective credits of graduate-level coursework (EN.XXX.6XX)

9 elective credits must be ChemBE graduate-level coursework (EN.540.6XX)

DO NOT
LEAVE
BLANK



Elective Courses:

Sem/Year	Course #	Course Name	Credits	Grade	Double-Counted?	Transfer?
TECHNICAL WRITING REQUIREMENT*						

Elective Credit Total:	
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*PLEASE LIST YOUR TECHNICAL WRITING COURSE IN THE FIRST LINE
**IF YOU ATTENDED JHU FOR UNDERGRAD, YOUR TECHNICAL WRITING REQUIREMENT IS WAIVED. PLEASE SELECT "WAIVED" FROM THE DROPDOWN

Focus Area:

Course #	Course Name	Credits

Please relist courses. Essay-Based students must take 6 credits and Coursework-Based students must take 12 credits in their chosen focus area. If you have approval from the Master's Director of Graduate Studies, you may input a course not found from the preselected list. Note, the drop down boxes may not update if viewing this form in-browser or in certain PDF viewers.

Other Requirements:

1 Credit of Graduate-Level Research taken in the First Semester

Sem/Year	Course	Grade
	EN.540.801 - Graduate Research	

Laboratory Safety

I attended JHU for undergrad; this requirement is waived due to having taken EN.540.490 (Leave table below blank).

I am a Coursework-Only student and am exempt from this requirement (Leave table below blank).

Sem/Year	Course	Grade
	EN.500.601 - Research Laboratory Safety	

At least one (1) semester of each of the following:

Sem/Year	Course	Grade
	EN.500.603 - Graduate Orientation and Academic Ethics	
	EN.540.600/601 - Chemical and Biomolecular Engineering Seminar I/II	

Responsible Conduct of Research

Sem/Year	Course	Grade
	AS.360.624* - Responsible Conduct of Research (Click here to complete this course)	

Master's students funded through formal NIH training grants or fellowships must also complete the in-person training course (AS.360.625). [Click here for details](#).

Essay Title: (Write "N/A" if Course-Based Student)

Required Signatures:

Faculty Advisor:

I, _____, hereby verify that I have evaluated this student's Plan of Study above. I confirm that it fulfills all academic requirements set forth in the MSE Student Handbook necessary to earn a Master of Science in Engineering Degree from the Department of Chemical and Biomolecular Engineering.

Advisor's Signature

Date

Departmental Representative

I certify that the courses listed above have been completed and the grades indicated are accurate and final.

Signature of Departmental Representative

Date