

Certificate of Departmental Approval
Master of Science in Engineering Degree Program in
Chemical and Biomolecular Engineering

Declared MSE Program Type: Essay-Based Design-Based Course-Based

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)					

DO NOT
LEAVE
BLANK



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

Essay-Based: 9 credits of graduate-level coursework; at least 3 of which from ChemBE courses (540.6XX)

Design-Based: 9 credits of graduate-level coursework; at least 3 of which from ChemBE courses (540.6XX)

Course-Based: 21 credits of graduate-level coursework; at least 9 of which from ChemBE courses (540.6XX)

Elective Courses

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

*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

Other Requirements:

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	

*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)

Every field above, except the GRADES FOR YOUR FINAL SEMESTER, must be completed before you may request your Advisor's signature.

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

Once your Advisor has signed this form, please submit it to the MSE Academic Staff Member.

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