

LABORATORY FOR COMPUTATIONAL SENSING AND ROBOTICS (LCSR) MINOR IN ROBOTICS

Name: _____ Date: _____

JHU email: _____ Phone Number: _____

Major(s): _____ Minor(s): _____

Expected Graduation Month/Year: _____ Student ID#: _____

COURSE SELECTION AND MINOR REQUIREMENTS

For up-to-date information on Minor requirements, see

https://lcsr.jhu.edu/Robotics_Minor

This web page provides a complete and up-to-date list of minor courses, including what requirements they fulfill.

An undergraduate qualifies for the minor provided he or she has taken at least 18 credits (at the 300 level or above, with a C- or above) from an approved list of courses (provided on the Robotics Minor website, URL listed above), subject to the approval of a minor advisor.

Robotics Minor Requirements:

- Between 2 and 4 courses (minimum of 6 credits) must be chosen to cover the three core skills.
- At least 2 courses (minimum of 6 credits) must be chosen from advanced supplementary skills (see URL above).
- At least 3 credits of the 18 must be a laboratory course (at least 15 hours of laboratory time that includes working with physical hardware and/or real data);

Restrictions / Additional Requirements:

- At most 3 credits of the 18 can be an independent research or individual study with a faculty member on the list of approved faculty advisors;
- At least 2 courses (minimum of 6 credits) must be primarily listed in a department other than the student's home department (it is acceptable if such a course is cross-listed in the student's home department)
- For graduating classes 2019 and beyond, EN.530.343 and EN. 530.344 Design and Analysis of Dynamical Systems MAY NOT count towards the minor if taken after EN.520.353 Control Systems or EN.520.454 Control Systems Design.

HOW TO DECLARE A MINOR IN ROBOTICS

1. All students interested in the minor are required to make an appointment with Anita Sampath in the LCSR to be assigned to a minor advisor to receive guidance about the program.
Phone: 410-516-6841
Email: asampath@jhu.edu
When possible, you will be assigned an advisor in your department (though this is not required).
2. Students who decide to pursue the minor should also review their academic transcript with their minor advisor to ensure they will be able to complete the requirements.
3. Fill out and submit an Add Minor form (which can be obtained from the registrar's office)
4. Complete the **Requirements Checkout** tables below. You should meet with your minor advisor periodically (at least once per year), bringing a copy of this form for review.
5. During your senior year, you must also note the Robotics Minor on your *Application for Graduation*.
6. When all requirements have been completed, take the completed form to the Robotics Minor Program Coordinator for review and signature.

REQUIREMENTS CHECKOUT

Basic Requirements	Completed?
Core and supplementary courses (at least 18 credits total):	<input type="checkbox"/>
2 to 4 Core Courses collectively covering R, S, C areas	<input type="checkbox"/>
2 to 4 Advanced Supplementary courses	<input type="checkbox"/>
At least 3 credits of the 18 are a laboratory course?	<input type="checkbox"/>
At least 2 courses primarily listed in an outside department ?	<input type="checkbox"/>
Limitations	Satisfied?
Not more than 3 independent study or research credits?	<input type="checkbox"/>
Grade of C- or above in all courses?	<input type="checkbox"/>
All credits at 300 level or above?	<input type="checkbox"/>

Important Notes & Limitations: If a course number, title, or number of credits is not identical to the course information as listed in this packet, the course WILL NOT be accepted unless the minor advisor reviews and approves the course in advance in writing using the WSE substitution/waiver form.

Dept.	Num.	Cred.	Course Title	Sem- ester	R	S	C	Sup	Lab	Outside dept.?
					<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"/>	<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"/>	<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"/>

STUDENT'S STATEMENT

I have reviewed my progress toward meeting the graduation requirements for the Robotics Minor. I understand which requirements have been completed and which remain to be completed, including those in progress.

Student's Signature

Date

Robotics Advisor's Signature

Date

FINAL APPROVAL (TO BE SIGNED ONLY ON COMPLETION OF ALL REQUIREMENTS)

The Robotics Minor program coordinator has reviewed the student's final transcript and this checkout sheet, and is confident that the minor requirements have been fulfilled.

Robotics Program Coordinator Signature

Date