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:

- o 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.
- 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 Alison Morrow (alison.morrow@jhu.edu) in the LCSR to be assigned to a minor advisor to receive guidance about the program.
- 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 in SIS.
- 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.

Basic Requirements				Completed?						
Core and supplementary courses (at least 18 credits total):				П						
2 to 4 Core Courses collectively covering R, S, C areas										
2 to 4 Advanced Supplementary courses										
At least 3 credits of the 18 are a laboratory course? At least 2 courses primarily listed in an outside department ?										
Limitations					Satisfied?					
Not more than 3 independent study or research credits?										
Grade of C- or above in all courses?										
All credit	s at 300 le	evel or abo	ve?							
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Robotics Program Coordinator Signature							Date			