Registration for Honors Program in Physics

Student Name: _____

Student I.D. # _____

Faculty Sponsor: _____

Expected Term/Year of Graduation: _____

Below are the requirements to graduate with Honors in Physics:

- Students must fulfill all PHYS major requirements
- Must complete at least 46 credits in upper-division physics courses, at least of which 40 credits must be taken for letter grades.
- A minimum grade point average of 3.3 in the 40 or more credits listed above.
- Registration for the Honors Program form (through the Physics Advising Office), including an acceptable signature of the faculty research advisor and a signature of another Physics faculty member at least before the last term of official completion of degree.
- Selection of one of the three choices below. Please indicate which category chosen here: _____

Three Options – Please Indicate Which One:

1. **Thesis**: Completion of a thesis, based on research activities approved by the faculty research advisor and the other faculty member. A copy of the thesis is to be submitted to the Director of Undergraduate Studies.
2. **Graduate Courses:** Completing two 600-level graduate courses with at least A- grades in each. *(Note: Undergraduates need to fill out Reservation of Graduate Credit form via Graduate School to get permission to sign up for Graduate-level courses: https://graduatestudies.uoregon.edu/sites/default/files/forms2/reservation-grad-credit.pdf)*

For Option 1, two faculty should approve the work. For Option 1, presumably the research advisor and one other faculty member will be the faculty approving.

Upper-Division Lab Credits. We will use the term "lab courses" to include both instrumentation-based and computation-based courses. We will continue to require 6-12 credits of lab courses, but at least four credits should be in in the sub-category on instrumentation.

In the Instrumentation category: Digital Electronics, Analog Electronics.

In the Computation category: PHYS 445/545 Computational Physics – or PHYS 489/589 The Physics Behind Quantum Computers, Image Analysis 410/510, Design of Experiments 481.

I understand the requirements, and hereby indicate my intention, to participate in the Physics Honors Program.

Student Signature: _____ **Date:** _____

I agree to serve as the faculty sponsor for this student (advisor) and assist with completion of the requirements for graduation with Honors in Physics (advisor and faculty):

Faculty Research Advisor Signature: _____ **Date:** _____

2nd Faculty Signature: _____ **Date:** _____

I have reviewed the Physics Honors Program requirements with this student:

_____ **Date:** _____

Dr. Scott Fisher, Director of Undergraduate Studies Signature

Once completed the form see Dr. Scott Fisher, in Rm. 120 Willamette, for the final signature and approval.