## **UNDERGRADUATE COURSE & TEXTBOOK LIST**

(Graduate courses may be included.)

Applicant's Name: Huan Quang Bui	
Indergraduate Institution: Colby College	

In order to help us evaluate your undergraduate preparation, please fill out the table below with the physics and mathematics courses you have taken in the last two years of undergraduate study. Include those you plan to take next semester/quarter. If you have taken graduate courses please include these also.

**Domestic applicant:** Please calculate your grade point average for the junior and senior level physics and math courses you have taken: 4.24/4.3

Course Number & Title	Units	Grade	Textbooks Used
MA262: Vector Calculus	4	4.3	Colley, Vector Calculus
MA311: Ordinary Differential Equations	4	4.3	n/a (instructor's notes)
MA381: Probability	4	4.0	Anderson, Seppalainen and Valko, Introduction to Probability
PH335: General Relativity & Cosmology	4	4.0	Foster and Nightingale, A Short Course in General Relativity
MA353: Matrix Analysis	4	4.3	Horn and Garcia, A Second Course in Linear Algebra
MA411: Topics in Partial Differential Equations	4	4.3	Farlow, Partial Differential Equations for Scientists and Engineers
PH332: Thermodynamics & Statistical Mechanics	4	4.3	Schroeder, An Introduction to Thermal Physics
PH492: Independent Study (classical field theory)	2	4.3	instructor's notes + Carroll, Spacetime and Geometry
(junior + senior courses on the next 2 pages)			