Instructor: Aparna Baskaran, Room 306 (6-2866); E-mail: aparna@brandeis.edu

Meeting Time and Place: Room Gzang 122, Mon, Wed, Thurs, 12:00–12:50

Office Hours: 2-4pm, Thursday, or by appointment.

Required course work:
Homework will be posted on Latte and will be due in class, usually once a week. There will be two exams, an in-class midterm and a final exam.

Grading Procedure:
30% – Homework, 30% Midterm, 40% – Final.

Course Description:
Quantum mechanics is the theoretical framework for understanding light and matter from the subatomic to macroscopic domains. It requires us to dramatically change how we think about the world, and to learn a new mathematical language to describe and make predictions about physical systems. This course will cover the physics and mathematics required to understand quantum mechanics, as well as their application to a few key systems.

Material for course:
The textbook is Introduction to Quantum Mechanics by David J Griffiths, which I will follow closely. For some sections additional reading will be made available on Latte.

As the course progresses, lesson plans for the upcoming week, reading and homework will be added to LATTE and announced in-class.

Students with disabilities:
If you are a student with a documented disability on record at Brandeis University and wish to have reasonable accommodation made for you in this class, please see the Instructor at the start of the semester.

Academic Integrity:
You are expected to be familiar with and to follow the University’s policies on academic integrity. Consistent with Brandeis University’s honor code, your exams and assignments must be solely your work. Any violations will be considered plagiarism and will incur sanctions potentially including failure in the course and suspension from the University. Please see Chapter 4 of Brandeis University Rights and Responsibilities (http://www.brandeis.edu/studentlife/sdc/rr/)