

PHYS 531 Quantum Mechanics I

Fall 2021

Schedule: Monday 09:40 – 11:30, Tuesday 10:40 – 11:30, FENS L063

Zoom Meeting ID: [https://sabanciuniv.zoom.us/j/912 5822 4233](https://sabanciuniv.zoom.us/j/91258224233)

Passcode: 669463

Textbook: Modern Quantum Mechanics (Revised Edition), J. J. Sakurai, Addison Wesley Longman 1994.

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Grading:

- Midterm 1 (30 %)
- Midterm 2 (30 %)
- Midterm 3 (30 %)
- Class Participation (10 %)

Exam Dates:

- Midterm 1: 25 October 09:40 – 11:30 (Week 5)
- Midterm 2: 29 November 09:40 – 11:30 (Week 10)
- Midterm 3: 27 December 09:40 – 11:30 (Week 14)

Topics

- Fundamental Concepts (Week 1 – 2)
- Quantum Dynamics (Week 3 – 6)
- Theory of Angular Momentum (Week 7 – 14)