



K-State Physics Department 2026

- 30 faculty, 12 postdocs, 49 grad students, 40—50? undergrads, 15 staff.
- USA, India, Pakistan, Bangladesh, Indonesia, Georgia, Korea, Nigeria, Vietnam, Mexico, ++
- World-class research in AMO, HEP, Cosmology, C&S Matter, Physics Education.
- Financial support via GTAs, GRAs, tuition waivers, fellowships.

Website: www.phys.ksu.edu

Questions & Info: graduate@phys.ksu.edu

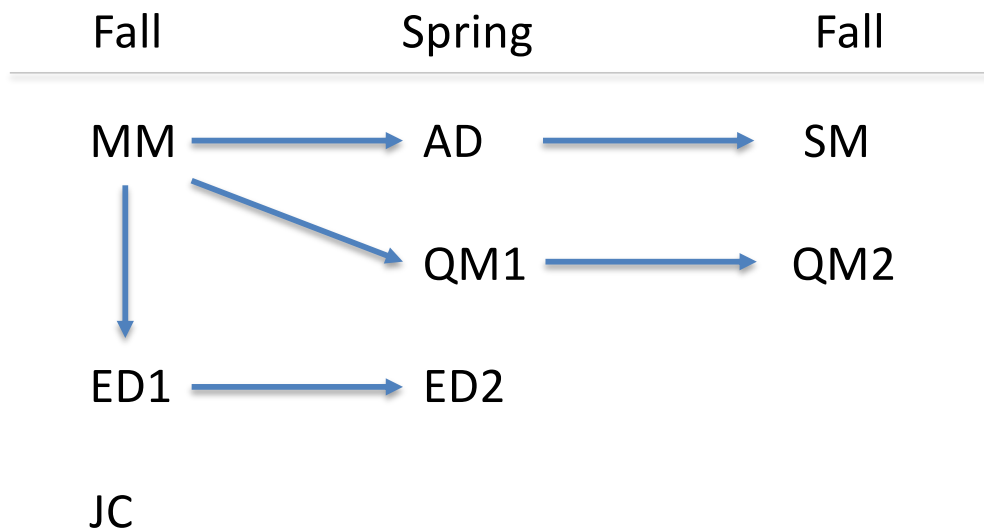


Graduate courses & requirements for PhD

- **Required courses:** Credit hours = $3+3+3+6+6+1=22$.
Math Meth., Stat. Mech., Adv. Dynamics, QM1 , QM2, ED1, ED2, JC.
- PhD degree ≥ 90 hours, at least 30 as course work. 15 hours @ 800+ level.
- GPA ≥ 3.0 (B). More than 2 C's in 1st year suspends GTA/GRA support until GPA ≥ 3 .
- 8 hours / semester minimum in 1st two semesters. GTA pays up to 10 hours / sem.
- 6 hours /semester minimum after 1st year and completing Math. Methods.



Prerequisites for required courses





Where to find course information

- Scroll to *Search the PowerBI* at <https://www.k-state.edu/academics/courses/> . That will show a search engine for KSU courses. Select semester and put PHYSICS in the search box. Leads to line schedule.
- Type the name of a course (like PHYS 801) into the search box at <https://catalog.k-state.edu/courses> . Leads to the course description. Type PHYS 8 into the search box to find all courses PHYS 8xx. Type CHM 8 for chemistry, ECE for electric and computer engineering, etc. Or, enter any keyword like *quantum*.



Advising and supervisory committee

- Entrance interview with Graduate Student Advisor for undergrad physics knowledge.
- See Grad Student Advisor for enrollment etc., until completing core courses.
- Students find a Major Professor for guidance of research as soon as possible.
- Form a Supervisory Committee during 1st year.
- Fill out a Program of Study before end of 2nd semester.



Exams

- Physics Departmental Exam is a written description of a proposed research project.
- Preliminary Oral Exam is a presentation of research plan or progress.
- Final Oral Exam is the Ph.D. defense presentation, chaired by Major Professor.
- These are evaluated by the Supervisory Committee.



Other Resources

- <https://www.phys.ksu.edu/student-success/graduate/resources.html>
(Physics Dept. Graduate Program Guidelines, and
Wildcat Physics Grad Student Handbook written by Graduate Students)
- <https://www.k-state.edu/grad/student-success/graduate-handbook/>
(Graduate School Handbook)

