Physics Core and Major Requirements (Bachelor of Arts) – Catalog Year 2010

Major Requirements for a Bachelor of Arts Degree in Physics:

- Students must present 24 semester hours in Physics or Astronomy including:
  - PHYS 2013/2011L College Physics I/Lab (MATH 1203 & 1213) AND PHYS 2033/2031L College Physics II/Lab (PHYS 2013)
  - PHYS 3603/3601L Introduction to Modern Physics/Lab (PHYS 2033 & MATH 2043 OR 2554)
  - PHYS 4991 Physics Senior Seminar ** (must be taken in the year prior to graduation)

- And 11 semester hours chosen from: PHYS 220V Introduction to Electronics (Pre or Corequisite: MATH 1203 or 1285) AND/OR any other PHYS or ASTR classes numbered 3000 or above:
  - PHYS ________
  - PHYS ________
  - PHYS ________

- Students must also complete:
  - MATH 1285 Precalculus -OR- MATH 1203 College Algebra AND MATH 1213 Trigonometry
  - MATH 2554 Calculus I (MATH 1203 & 1213; or MATH 1285) OR MATH 2043 Survey of Calculus (MATH 1203)

- Two additional courses at the 2000 level or above in Mathematics or Statistics
  - ________
  - ________
  - ________

- Additional 9 semester hours at the 3000 level or above from a single special emphasis area chosen with advisor approval.
  - ________
  - ________
  - ________

- For more information on Physics, contact the Department of Physics:
  - Physics Building 226
  - 479-575-2506
  - www.uark.edu/depts/physics/

**This form is NOT a substitute for the Catalog of Studies. Students should verify this information with their advisor, their degree audit, and the Catalog of Studies.**

Requirements for Departmental Honors in Physics: The Departmental Honors Program in Physics provides upper-division undergraduate students with an opportunity to formally participate in scholarly physics activities. Honors candidates carry out independent study and research under the guidance of the physics faculty and participate in special honors classes, seminars, and colloquia. Outstanding student achievement will be recognized by awarding the distinction “Physics Scholar Cum Laude” at graduation. Higher degree distinctions are recommended only in truly exceptional cases and are based upon the whole of the candidate’s program of honors studies. To be considered as a candidate for higher distinctions, however, a student must achieve at least a 3.50 cumulative grade-point average in physics and mathematics. In addition to satisfying the general college requirements for the bachelor’s degree with honors, an honors candidate in physics must

1. become a candidate no later than the first semester of the junior year of study,
2. enroll in honors sections of physics courses when available,
3. enroll in six hours of honors research PHYS 399VH,
4. enroll in at least one physics honors colloquium PHYS 3923H,
5. complete and orally defend an honors thesis based upon the project carried out in PHYS 399VH, and
6. achieve a cumulative grade-point average of 3.125 in physics.

40-Hour Rule
Students must complete at least 40 hours of work in courses number 3000 and above. Included in this 40 hours can be courses numbered 2000 if each has a specific course designated as a prerequisite, with the exception of MILS 2001 and 2011, AERO 2001 and 2011, and foreign language courses numbered 2003 and 2013.

24-Hour Rule
A student graduating from Fulbright College must complete at least 24 hour of work in courses numbered 3000 and above from departments within the Fulbright College of Arts and Sciences.