



MAJOR REQUIREMENTS for a BACHELOR OF ARTS in PHYSICS

MINIMUM DEGREE CREDIT HOURS REQUIRED TO GRADUATE = 120 (CORE + MAJOR + GENERAL ELECTIVES)

MATHEMATICS CORE (2-3 courses • 7-10 hours)

- MATH 1284 Precalculus
- OR**
- MATH 1203 College Algebra
- OR**
- MATH 1213 Plane Trigonometry
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- MATH 2043 Survey of Calculus
- OR**
- MATH 2554 Calculus I

MATH or STAT electives numbered 2000 or higher (2 courses • 6 hours minimum)

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Assessment of Student Learning: In accordance with state, University, and college requirements, all students must have learning assessed before graduation. Students majoring in physics will be assessed in the course PHYS 4991, which must be taken in the year prior to graduation.

PHYSICS CORE (4 courses • 13-15 hours)

- PHYS 2013/2011L College Physics I
- PHYS 2033/2031L College Physics II
- PHYS 3603/360VL Intro to Modern Physics and Modern Physics Laboratory
- PHYS 4991 Physics Senior Seminar

PHYS or ASTR electives numbered 3000 or higher (11 hours minimum)

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Nine hours of courses numbered 3000 or higher must be taken from a single special emphasis area chosen with the departmental advisor's approval. The special emphasis area may be chosen in any single degree-granting department at the U of A. For B.A. students seeking teacher licensure, the special emphasis area may involve courses from more than one degree-granting department at the U of A with the approval of their departmental advisor. **(3 courses • 9 hours)**

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PHYSICS WRITING REQUIREMENT

- Satisfied by a senior thesis (PHYS 498V), an honors thesis, or a paper submitted as part of PHYS 4991 or any physics or astronomy course numbered 3000 or higher. Students electing the last route must obtain approval of the instructor during the first three weeks of the semester.