

**Fulbright College Eight Semester Degree Completion Program**  
**Bachelor of Arts in Physics, *Departmental Honors*\*2006<sup>1</sup>**

<b>Fall Semester 1</b>	<b>Hours</b>	<b>Spring Semester 1</b>	<b>Hours</b>
ENGL 1013 Composition I	3	ENGL 1023 Composition II	3
JOUR 1023 <b>Media and Society</b> <sup>2</sup> (required for journalism sequence) or General Elective	3	JOUR 1033 <b>Fundamentals of Journalism</b> <sup>2</sup> (required for journalism sequence) or General Elective	3
Begin Math Sequence <sup>^</sup>	3/5	Continue Math Sequence (if needed) <sup>^</sup> or Core from areas a, b, c, d or e (as needed)	3
Core from areas a, b, c, d or e (as needed)	3	BIOL 1543/1541L Principles of Biology, or other biological science core from group f	4
Core from areas a, b, c, d or e (as needed) (delayed if 5 hour math is taken)	3/0	Core from areas a, b, c, d or e (as needed)	3
<b>Total Hours</b>	<b>14/15</b>	<b>Total Hours</b>	<b>16</b>
<b>Fall Semester 2</b>	<b>Hours</b>	<b>Spring Semester 2</b>	<b>Hours</b>
†PHYS 2013/2011L College Physics I	4	†PHYS 2033/2031L College Physics II	4
Core from area g (if needed) or from a, b, c, d or e (as needed)	3	††JOUR 3023 <b>News Reporting II</b> <sup>2</sup> or other Special Emphasis Area <sup>^^</sup>	3
Core from areas a, b, c, d or e (as needed)	3	†MATH or STAT elective	3
†Continue Math Sequence (if needed) <sup>^</sup> or Core from areas a, b, c, d or e (as needed)	3	Core from areas a, b, c, d or e (as needed)	3
†JOUR 2013 <b>News Reporting I</b> <sup>2</sup> ( <i>pre-req. JOUR 1023 and 1033</i> ) or General Elective	3	Core from areas a, b, c, d or e (as needed)	3
<b>Total Hours</b>	<b>16</b>	<b>Total Hours</b>	<b>16</b>
<b>Fall Semester 3</b>	<b>Hours</b>	<b>Spring Semester 3</b>	<b>Hours</b>
††PHYS 3603 Introduction to Modern Physics	3	††PHYS 3601L Modern Physics Lab	1
†MATH or STAT elective	3	††PHYS 4103 Physics in Perspective, or other PHYS/ASTR Group A <sup>4</sup>	3
Core from area g (if needed) or from a, b, c, d or e (as needed)	3	††JOUR 3013 <b>Editing</b> <sup>2</sup> or other Special Emphasis Area <sup>^^</sup>	3
††JOUR 3633 <b>Media Law</b> <sup>2</sup> or other Special Emphasis Area <sup>^^</sup>	3	Core from areas a, b, c, d or e (as needed)	3
Core from areas a, b, c, d or e (as needed)	3	Core from areas a, b, c, d or e (as needed)	3
<b>Total Hours</b>	<b>15</b>	††PHYS 3923H Honors Colloquium <sup>*</sup>	3
		<b>Total Hours</b>	<b>16</b>
<b>Fall Semester 4</b>	<b>Hours</b>	<b>Spring Semester 4</b>	<b>Hours</b>
††PHYS/ASTR Group A <sup>4</sup>	2/4	††PHYS 4203 Physics of Devices, or other PHYS/ASTR Group A <sup>4</sup>	3
Core from areas a, b, c, d or e (as needed)	3	††PHYS 4991 Senior Seminar	1
Core from areas a, b, c, d or e (as needed)	3	Core from areas a, b, c, d or e (as needed)	3
Core from areas a, b, c, d or e (as needed)	3	Core from areas a, b, c, d or e (as needed)	3
††PHYS 399VH Honors Research <sup>*</sup>	3	††PHYS 399VH Honors Research <sup>*</sup>	3
<b>Total Hours</b>	<b>14/16</b>	†Advanced level elective <sup>3</sup>	3
		<b>Total Hours</b>	<b>16</b>

Core areas must be completed as outlined in Catalog of Studies or in the "Additional Fulbright College Core Requirement Areas" table on the reverse side.

Core requirement hours may vary by individual, based on placement and previous credit granted. Once all core requirements are met, students may substitute a three-hour (or more) general elective in place of a core area.

**PHYS/ASTR Group A: 11 hours required**

Eleven 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.

<sup>^</sup> Students must begin with at least MATH 1203 College Algebra and complete either MATH 2043 Survey of Calculus or MATH 2554 Calculus I. Placement and sequence will be determined by ACT or placement scores and/or previous credit. MATH 1213 or 1285 is prerequisite to PHYS 2013/1L. Students coming in with this level of math are advised to begin PHYS 2013/1L the fall of their freshman year. This sequence only starts in the fall. University Physics I and II may be substituted for College Physics I and II for students who are well prepared in math (corequisite is MATH 2554, 2564).

<sup>^^</sup>Additional 9 semester hours at the 3000 level or above from a single special emphasis area chosen with advisor approval. This requirement is automatically fulfilled by the **boldfaced** upper-level journalism courses.

- NOTES:**
1. The Physics BA degree is designed to support several different types of careers for which a science background is an asset. This plan lists specifics for science writing. Different elective can be used for different career options.
  2. **Boldface** indicates courses recommended by the Department of Journalism as the journalism foundation needed for science reporting.
  3. It is recommended that the free electives be chosen in a second science, or in journalism.
  4. Eleven hours of advanced physics/Astronomy electives are required. With six hours of 399V and 3923H, not all of the listed Group A need be taken, but these are recommended possibilities.

\* In addition to the course requirements outlined here, physics departmental honors students must complete 12 hours of Honors Studies courses and orally defend an honors thesis based on the project carried out in PHYS 3923H. Students must earn a 3.125 grade-point average in physics classes and a minimum 3.25 cumulative grade-point average.

† Meets 40-hour advanced credit hour requirement. See 3 on Graduation Requirements Checklist or see the Catalog of Studies.

‡ Meets 24-hour rule (24 hours of 3000-4000 level courses in Fulbright College), in addition to meeting the 40-hour rule. See 2b on Graduation Requirements Checklist or see the Catalog of Studies.

## Additional Fulbright College BA Core Requirement Areas *(Pre-requisite requirements in italics)*

Core Area	Hours	Courses
a. Communication	3	COMM 1313 Fundamentals of Communication
b. US History/ American National Government and Western Civilization	9	<b>U.S. History/American National Government- 3 hours from:</b> HIST 2003 History of the American People to 1877 or HIST 2013 History of the American People from 1877 or PLSC 2003 American National Government <b>Western Civilization – 6 hours from:</b> WCIV 1003 Western Civilization I and WCIV 1013 Western Civilization II <b>OR</b> HIST 1113 World Civilizations I and HIST 1123 World Civilizations II
c. Foreign Language	Up to 12 hours (depending on placement)	Completion through the Intermediate II (2013) level in a single language (Includes course numbers 1003*, 1013, 2003, 2013) * 1003 is non-degree credit unless student completed two years in a single foreign language and takes 1003 in a different language. <b>Students under this plan must begin with a degree-credit course in foreign language.</b>
d. Fine Arts/ World Literature/ Philosophy	15	<b>Fine Arts – 6 hours from two areas:</b> ARCH 1003 Architecture Lecture or LARC 1003 Landscape Architecture ARHS 1003 Art History or ARTS 1003 Art Studio ( <i>not core credit for art majors</i> ) COMM 1003 Film Lecture DANC 1003 Movement and Dance DRAM 1003 Theater Lecture ( <i>not core credit for drama majors</i> ) HUMN 1003 Introduction to the Arts and Aesthetics MLIT 1003 Music Lecture <b>World Literature – 6 hours to include:</b> WLIT 1113 World Literature I and either WLIT 1123 World Literature II ( <i>WLIT 1113</i> ) OR a) a foreign language literature course b) any other WLIT course c) CLST 1003 Classical Studies: Greece or CLST 1013 Classical Studies: Rome <b>Philosophy – 3 hours from:</b> PHIL 2003 Introduction to Philosophy or PHIL 2103 Introduction to Ethics
e. Social Sciences	6	ANTH 1023 Introduction to Cultural Anthropology ECON 2013 Principles of Macroeconomics ( <i>MATH 1203</i> ) or ECON 2143 Basic Economics GEOG 2103 Emerging Nations or GEOG 2203 Developed Nations PLSC 2013 Introduction to Comparative Politics PSYC 2003 General Psychology SOC 2013 General Sociology or SOC 2033 Social Problems
f. Natural Sciences	12 hours total with at least 4 hours of Biological Sciences and 4 hours of Physical Sciences	<b>Biological Sciences</b> ANTH 1011L/1013 Biological Anthropology BIOL 1541L/1543 Principles of Biology BIOL 1611L/1613 Plant Biology ( <i>BIOL 1541L/1543</i> ) BIOL 2011L/2013 General Microbiology ( <i>BIOL 1541L/1543 &amp; 2 semesters of general chemistry</i> ) BIOL 1601L/1603 General Zoology ( <i>BIOL 1541L/1543</i> ) <b>Physical Sciences</b> ASTR 2001L/2003 Survey of the Universe CHEM 1051L/1053 Chemistry in the Mod. World CHEM 1101L/1103 University Chemistry I ( <i>MATH 1203 or equiv.</i> ) and CHEM 1121L/1123 University Chemistry II ( <i>CHEM 1103</i> ) GEO 1111L/1113 General Geology and GEOL 1131L/1133 Environmental Geology ( <i>GEOL 1111L/1113</i> ) PHYS 1021L/1023 Physics in Human Affairs PHYS 2011L/2013 College Physics I ( <i>MATH 1203 &amp; MATH 1213</i> ) and PHYS 2031L/2033 College Physics II ( <i>PHYS 2013</i> ) PHYS 2050L/2054 University Physics I ( <i>Pre-requisite or Co-requisite: MATH 2554</i> ) PHYS 2070L/2074 University Physics II ( <i>PHYS 2054; Pre-requisite or Co-requisite: MATH 2554</i> )
g. Advanced Composition	3 hours - Exemption may be granted by either: a) grades of "A" or "B" in ENGL 1013 and "A" in ENGL 1023 taken at UA or b) passing the Advanced Composition Exam* <b>(Journalism majors must complete ENGL 2013)</b>	ENGL 2003 Advanced Composition or ENGL 2013 Essay Writing ( <b>ENGL 2013 is required for all journalism majors</b> ) *(Students must satisfy the ENGL 1013 and 1023 requirement and complete 30 credit hours before taking the Advanced Composition Exam. The exam must be taken before the student has completed 96 credit hours. Students who do not pass the Advanced Composition Exam must take ENGL 2003.)

# Graduation Requirements Checklist

In addition to the specific course requirements for your degree plan and your major, be aware that there are general graduation requirements that every student in Fulbright College must complete. University graduation requirements are outlined in the Catalog of Studies, as are the College requirements. Some of that information is highlighted here. Refer to the Catalog of Studies when necessary.

## 1. *Minimum Total Semester Hour Requirement*

B. A., B.S., B.M. Degrees: 124 hours      B. F. A.: 128 hours

## 2. Residency Requirement

### a) 30 Hour Rule (University Requirement)

The full senior year must be completed in residence except that a senior who has already met the minimum residency requirement will be permitted to earn not more than 12 of the last 30 hours in extension or correspondence courses or in residence at another accredited institution granting the baccalaureate degree. No more than six of these 12 hours may be correspondence courses. The minimum residence requirement is 36 weeks and 30 semester hours. Residency for the senior year is defined as a period during which the student must be enrolled in courses offered on the campus in Fayetteville. This is intended to provide adequate contact with the University and its faculty for each student who is awarded a degree. Colleges and departments have the authority to prescribe residence requirements that exceed those described here. *Fulbright College requires that no fewer than 30 hours of credit must be in courses offered by the college.*

### b) 24 Hour Rule (College Requirement)

A student graduating from Fulbright College must have completed at least 24 hours of 3000 and 4000 level courses from departments in Fulbright College.

## 3. 40 Hour Rule

Students must present for degree credit at least 40 hours of work in courses numbered 3000 and above. Included in this 40 hours can be courses numbered 2000 if each has a specific course designated as a prerequisite. The following courses are excluded: MILS 2001 and 2011, AERO 2001 and 2011, and foreign language courses numbered 2003 and 2013. These courses may be taken from other colleges or universities. However, do not forget the college residency requirement, specifically the 24 HOUR RULE.

## 4. Grade-Point Average

Students graduating from Fulbright College must have a minimum cumulative GPA of 2.00.

## 5. "D" Rule

If a student has grades of "D" in more than 25 percent of the hours presented for graduation credit, she/he will not be allowed to graduate.

## 6. Eight Hour Rule

Students may submit no more than eight semester credit hours from the following list of course alpha codes. These may be used for degree credit only with the specific recommendation of the advisor.

AEED (Agricultural and Extension Education), \*AERO (Aerospace Studies), AGAD (Agricultural Administration), \*DEAC (Dance Education Activity), EXED (Extension Education), HLSC (Health Science), HLED (Health Education), IRED (Instructional Resources), \*MILS (Military Science), OFSM (Office Systems Management), \*PEAC (Physical Education Activity), PHED (Physical Education), RECR (Recreation), VOED (Vocational Education)

\*No more than four of the eight hours may be applied from AERO, MILS, PEAC, or DEAC (combined), unless a student completes an ROTC program and receives a commission.

## 7. 68 Hour Rule

Students who transfer into the University may present for degree credit no more than 68 hours of lower division course work (1000 and 2000 level).

## 8. Writing Requirement

Students graduating from Fulbright College must write a research/analytical paper for at least one upper division course in his/her major. Satisfactory completion of an honors project or a senior thesis may fulfill this requirement. Each department has determined its own procedures for certifying completion of this requirement. Questions should be referred to the departmental chairperson.

## 9. Degree Application

To receive their degree, students must complete the degree application process. The official application deadline is printed each semester in the Schedule of Classes. Typically, the deadline is in mid-October for fall applications and in mid-February for spring applications. **For spring graduates, it is particularly important to meet the deadline to ensure that the student's name will appear in the commencement program.** Early application is encouraged (i.e. the semester before graduation) so the certification process can begin in advance. Students with up to 12 hours remaining to graduate can participate in commencement if they agree to complete the hours in the summer. It is important to note that the names of these students will not appear in the program, or in the sidewalk, for that year.

To apply for graduation, students must first go to the Dean's office in MAIN 525 to complete a card which they will submit to the Office of the Registrar, along with the graduation fee. The certification process will then begin.