

**NorthWest Arkansas Community College-Associate of Science  
Transfer Program Plan for Biology (B.S.) Pre-Professional option  
John Brown University**

**May 2007**

General Education Requirements:

English: **6 hours**

- \_\_\_ ENGL 1013
- \_\_\_ ENGL 1023

English Composition I  
English Composition II

Fine Arts/Humanities: **6 hours**

- \_\_\_ PHIL 2003^
- \_\_\_ Select one fine arts:
  - \_\_\_ HUMN 1003
  - \_\_\_ MUSI 1003
  - \_\_\_ ARHS 1003

Introduction to Philosophy  
Exploring the Humanities  
Music Appreciation  
Art Appreciation

Speech/Communications: **3 hours**

- \_\_\_ COMM 1313\*

Fundamentals of Communication

Mathematics: **3-4 hours**

- \_\_\_ MATH 1204\*\*
- \_\_\_ MATH 2043
- \_\_\_ MATH 2554

College Algebra  
Survey of Calculus **or**  
Calculus I (Prereq is MATH 1213)

Natural Science: **16 hours**

- \_\_\_ BIOL 1544
- \_\_\_ BIOL 1014
- \_\_\_ CHEM 1104
- \_\_\_ CHEM 1124

Principles of Biology  
General Biology II  
College Chemistry I  
College Chemistry II

Government: **3 hours**

- \_\_\_ PLSC 2003

American Government

Other Social Science Courses: **6 hours**

- \_\_\_ PSYC 2003
- \_\_\_ ECON 2013
- \_\_\_ WCIV 1003

General Psychology **or**  
Macroeconomics **and**  
Western Civilization I (WCIV 1013 is also  
required - see below)

Health/Physical Education: **3 hours**

- \_\_\_ HLSC 1002
- \_\_\_ any other PEAC courses

Wellness Concepts **and**

Elective NWACC credits to complete the associate degree that are required for this major at JBU include:

- \_\_\_ WCIV 1013
- \_\_\_ BOTY 1614
- \_\_\_ PHYS 2014 (MATH 1213)
- \_\_\_ PHYS 2034
- Select one global/cultural course:
  - \_\_\_ ANTH 1023
  - \_\_\_ GEOG 1123
  - \_\_\_ GEOG 2103
  - \_\_\_ FLAN 2003

Western Civilization II (required)  
Plant Biology  
College Physics I **and**  
College Physics II  
Introduction to Cultural Anthropology **or**  
Human Geography **or**  
Emerging Nations **or**  
Intermediate level foreign language

\*Not a degree requirement at JBU.

\*\*This course is not required for the Biology major but may be necessary because of placement testing or prerequisite requirements. Trigonometry MATH 1213 is a prerequisite to Physics.

^ Upper level course best taken at JBU. May be transferred back to NWACC to receive AA degree or may be taken at NWACC. See advisor for more information.  
Any grade below a 'C' will not transfer.

**TOTAL REQUIRED HOURS FOR THE AS DEGREE: 61 HOURS**

**CONTACTS:**

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