



# Eight Semester Course Checklist

## *Cuachita Baptist University* 2016-2017

### TEACHER Education

Bachelor of Arts Degree

SECONDARY EDUCATION

### Physics/Mathematics (Grades 7-12) (Entering Fall of Odd # Year)

#### Semester 1

- \_\_ PHYS 1121 Intro. to Physics/Eng.\*
  - \_\_ COMM 1003 Fund. of Public Speaking
  - \_\_ CSCI 1044 Programming I
  - \_\_ CORE 1113 Survey of the Bible
  - \_\_ CORE 1002 OBU Connections
  - \_\_ CORE 1043 Composition I
- TOTAL OF 16 HOURS**

#### Semester 3

- \_\_ MATH 2024 Calculus II
  - \_\_ CORE 2233 World Literature
  - \_\_ xxxx xxx3 Foreign Language I
  - \_\_ PHYS 2054 University Physics I
  - \_\_ KIN 2073 Health & Safety
- TOTAL OF 17 HOURS**

#### Semester 5

- \_\_ PHYS 3004 Intro. to Modern Physics
  - \_\_ PHYS 3123 Electrical Circuits\*
  - \_\_ PHYS 3131 Electrical Circuits Lab\*
  - \_\_ MATH 3083 History of Mathematics
  - \_\_ EDFN 4083 Teaching Exceptional Learners
  - \_\_ EDFN 4123 Learning Thrs & Assmt Prac.
- TOTAL OF 17 HOURS**

#### Semester 7 PLT

- \_\_ PHYS 4023 Thermodynamics
  - \_\_ MATH 4013 Methods in Secondary Math
  - \_\_ MATH 4883 Math for Secondary Teachers
  - \_\_ SCED 4523 Prac in Edu Gra 7-12 (Fall)
  - \_\_ FINA 4011 Arts Engagement Series
  - \_\_ FINA 3xx3 Fine Arts Choice
- TOTAL OF 16 HOURS**

#### Semester 2

#### PRAXIS I

- \_\_ MATH 2014 Calculus I
  - \_\_ EDFN 2003 Foundations of Education
  - \_\_ CORE 1123 Interpreting the Bible
  - \_\_ CORE 1023 Contemporary World
  - \_\_ CORE 2213 Western Civilization
- TOTAL OF 16 HOURS**

#### Semester 4

- \_\_ MATH 3034 Calculus III
  - \_\_ MATH 3003 Foundations of Geometry
  - \_\_ xxxx xxx3 Foreign Language II
  - \_\_ PHYS 2064 University Physics II
  - \_\_ EDFN 2053 Child and Adolescent Development
- TOTAL OF 17 HOURS**

#### Semester 6 PRAXIS II required tests

- \_\_ MATH 3063 Probability and Statistics
  - \_\_ PHYS 3034 Electricity & Magnetism I
  - \_\_ PHYS xxxx Physics Elective\*\*
  - \_\_ PSCI 2013 American National Government
  - \_\_ SCED 3043 Sec Methods/Clsrm Mgmt (Spring)
- TOTAL OF 16 HOURS**

#### Semester 8

- \_\_EDFN 4402 Student Teaching Seminar
  - \_\_EDFN 4405 Student Teaching
  - \_\_EDFN 4415 Student Teaching II
- TOTAL OF 12 HOURS**

\* Strongly Recommended

\*\* This Can be ANY Physics Course

NOTE: Composition II is satisfied in major

**Total hours required for degree: 127**

Department of Physics

OBU Box 3764 • Arkadelphia, AR 71998 • PHONE: 870-245-5407 • FAX: 870-245-5241

www.obu.edu/physics



## Eight Semester Course Checklist

### *Ouachita Baptist University* 2016-2017

#### TEACHER Education

Bachelor of Arts Degree  
SECONDARY EDUCATION

#### Physics/Mathematics (Grades 7-12) (Entering Fall of Even # Year)

##### Semester 1

- \_\_ PHYS 1121 Intro. to Physics/Eng.\*
- \_\_ COMM 1003 Fund. of Public Speaking
- \_\_ CSCI 1044 Programming I
- \_\_ CORE 1113 Survey of the Bible
- \_\_ CORE 1002 OBU Connections
- \_\_ CORE 1043 Composition I
- TOTAL OF 16 HOURS**

##### Semester 3

- \_\_ MATH 2024 Calculus II
- \_\_ CORE 2233 World Literature
- \_\_ xxxx xxx3 Foreign Language I
- \_\_ PHYS 2054 University Physics I
- \_\_ KIN 2073 Health & Safety
- TOTAL OF 17 HOURS**

##### Semester 5

- \_\_ PHYS 3004 Intro. to Modern Physics
- \_\_ PHYS 4023 Thermodynamics
- \_\_ MATH 4013 Methods in Secondary Math
- \_\_ MATH 4883 Math for Secondary Teachers
- \_\_ EDFN 4123 Learning Thrs & Assmt Prac.
- TOTAL OF 16 HOURS**

##### Semester 7 PLT

- \_\_ PHYS 3123 Electrical Circuits\*
- \_\_ PHYS 3131 Electrical Circuits Lab\*
- \_\_ MATH 3083 History of Mathematics
- \_\_ EDFN 4083 Teaching Exceptional Learners
- \_\_ SCED 4523 Prac in Edu Gra 7-12 (Fall)
- \_\_ FINA 4011 Arts Engagement Series
- \_\_ FINA 3xx3 Fine Arts Choice
- TOTAL OF 17 HOURS**

##### Semester 2

##### PRAXIS I

- \_\_ MATH 2014 Calculus I
- \_\_ EDFN 2003 Foundations of Education
- \_\_ CORE 1123 Interpreting the Bible
- \_\_ CORE 1023 Contemporary World
- \_\_ CORE 2213 Western Civilization
- TOTAL OF 16 HOURS**

##### Semester 4

- \_\_ MATH 3034 Calculus III
- \_\_ MATH 3063 Probability and Statistics
- \_\_ xxxx xxx3 Foreign Language II
- \_\_ PHYS 2064 University Physics II
- \_\_ EDFN 2053 Child and Adolescent Development
- TOTAL OF 17 HOURS**

##### Semester 6 PRAXIS II required tests

- \_\_ PHYS 4043 Intro. to Quantum Mechanics I
- \_\_ MATH 3003 Foundations of Geometry
- \_\_ PHYS xxxx Physics Elective\*\*
- \_\_ PSCI 2013 American National Government
- \_\_ SCED 3043 Sec Methods/Clsrm Mgmt (Spring)
- TOTAL OF 15 HOURS**

##### Semester 8

- \_\_EDFN 4402 Student Teaching Seminar
- \_\_EDFN 4405 Student Teaching
- \_\_EDFN 4415 Student Teaching II

**TOTAL OF 12 HOURS**

\* Strongly Recommended

NOTE: Composition II is satisfied in major

\*\* This Can be ANY Physics Course

**Total hours required for degree: 126**

Department of Physics



# Eight Semester Course Checklist

## *Cuachita Baptist University* 2016-2017

### TEACHER Education

Bachelor of Arts Degree  
SECONDARY EDUCATION

### Physics/Mathematics (Grades 7-12) (Entering Fall of Odd # Year with Pre-Calculus)

#### Semester 1

- \_\_ PHYS 1121 Intro. to Physics/Eng.\*
  - \_\_ MATH 1034 Pre-Calculus
  - \_\_ CSCI 1044 Programming I
  - \_\_ CORE 1113 Survey of the Bible
  - \_\_ CORE 1002 OBU Connections
  - \_\_ CORE 1043 Composition I
- TOTAL OF 17 HOURS**

#### Semester 3

- \_\_ MATH 2024 Calculus II
  - \_\_ CORE 2233 World Literature
  - \_\_ xxxx xxx3 Foreign Language I
  - \_\_ PHYS 2054 University Physics I
  - \_\_ KIN 2073 Health & Safety
- TOTAL OF 17 HOURS**

#### Semester 5

- \_\_ PHYS 3004 Intro. to Modern Physics
  - \_\_ PHYS 3123 Electrical Circuits\*
  - \_\_ PHYS 3131 Electrical Circuits Lab\*
  - \_\_ MATH 3083 History of Mathematics
  - \_\_ EDFN 4083 Teaching Exceptional Learners
  - \_\_ EDFN 4123 Learning Thrs & Assmt Prac.
- TOTAL OF 17 HOURS**

#### Semester 7 PLT

- \_\_ PHYS 4023 Thermodynamics
  - \_\_ COMM 1003 Fund. of Public Speaking
  - \_\_ MATH 4013 Methods in Secondary Math
  - \_\_ MATH 4883 Math for Secondary Teachers
  - \_\_ SCED 4523 Prac in Edu Gra 7-12 (Fall)
  - \_\_ FINA 4011 Arts Engagement Series†
  - \_\_ FINA 3xx3 Fine Arts Choice
- TOTAL OF 19† HOURS**

\* Strongly Recommended

NOTE: Composition II is satisfied in major

#### Semester 2 PRAXIS I

- \_\_ MATH 2014 Calculus I
  - \_\_ EDFN 2003 Foundations of Education
  - \_\_ CORE 1123 Interpreting the Bible
  - \_\_ CORE 1023 Contemporary World
  - \_\_ CORE 2213 Western Civilization
- TOTAL OF 16 HOURS**

#### Semester 4

- \_\_ MATH 3034 Calculus III
  - \_\_ MATH 3003 Foundations of Geometry
  - \_\_ xxxx xxx3 Foreign Language II
  - \_\_ PHYS 2064 University Physics II
  - \_\_ EDFN 2053 Child and Adolescent Development
- TOTAL OF 17 HOURS**

#### Semester 6 PRAXIS II required tests

- \_\_ MATH 3063 Probability and Statistics
  - \_\_ PHYS 3034 Electricity & Magnetism I
  - \_\_ PHYS xxxx Physics Elective\*\*
  - \_\_ PSCI 2013 American National Government
  - \_\_ SCED 3043 Sec Methods/Clsrm Mgmt (Spring)
- TOTAL OF 16 HOURS**

#### Semester 8

- \_\_ EDFN 4402 Student Teaching Seminar
- \_\_ EDFN 4405 Student Teaching
- \_\_ EDFN 4415 Student Teaching II

**TOTAL OF 12 HOURS**

\*\* This Can be ANY Physics Course

† Taking this course will not incur an overcharge

**Total hours required for degree: 131**

Department of Physics

OBU Box 3764 • Arkadelphia, AR 71998 • PHONE: 870-245-5407 • FAX: 870-245-5241

www.obu.edu/physics



# Eight Semester Course Checklist

## Quachita Baptist University 2016-2017

### TEACHER Education

Bachelor of Arts Degree  
SECONDARY EDUCATION

#### Physics/Mathematics (Grades 7-12) (Entering Fall of Even # Year with Pre-Calculus)

##### Semester 1

- \_\_ PHYS 1121 Intro. to Physics/Eng.\*
  - \_\_ MATH 1034 Pre-Calculus
  - \_\_ CSCI 1044 Programming I
  - \_\_ CORE 1113 Survey of the Bible
  - \_\_ CORE 1002 OBU Connections
  - \_\_ CORE 1043 Composition I
- TOTAL OF 17 HOURS**

##### Semester 3

- \_\_ MATH 2024 Calculus II
  - \_\_ CORE 2233 World Literature
  - \_\_ xxxx xxx3 Foreign Language I
  - \_\_ PHYS 2054 University Physics I
  - \_\_ KIN 2073 Health & Safety
- TOTAL OF 17 HOURS**

##### Semester 5

- \_\_ PHYS 3004 Intro. to Modern Physics
  - \_\_ PHYS 4023 Thermodynamics
  - \_\_ MATH 4013 Methods in Secondary Math
  - \_\_ MATH 4883 Math for Secondary Teachers
  - \_\_ EDFN 4123 Learning Thrs & Assmt Prac.
- TOTAL OF 16 HOURS**

##### Semester 7 PLT

- \_\_ PHYS 3123 Electrical Circuits\*
  - \_\_ PHYS 3131 Electrical Circuits Lab\*
  - \_\_ MATH 3083 History of Mathematics
  - \_\_ EDFN 4083 Teaching Exceptional Learners
  - \_\_ SCED 4523 Prac in Edu Gra 7-12 (Fall)
  - \_\_ FINA 4011 Arts Engagement Series
  - \_\_ FINA 3xx3 Fine Arts Choice
- TOTAL OF 17 HOURS**

##### Semester 2 PRAXIS I

- \_\_ MATH 2014 Calculus I
  - \_\_ EDFN 2003 Foundations of Education
  - \_\_ CORE 1123 Interpreting the Bible
  - \_\_ CORE 1023 Contemporary World
  - \_\_ CORE 2213 Western Civilization
- TOTAL OF 16 HOURS**

##### Semester 4

- \_\_ MATH 3034 Calculus III
  - \_\_ MATH 3063 Probability and Statistics
  - \_\_ xxxx xxx3 Foreign Language II
  - \_\_ PHYS 2064 University Physics II
  - \_\_ EDFN 2053 Child and Adolescent Development
- TOTAL OF 17 HOURS**

##### Semester 6 PRAXIS II required tests

- \_\_ COMM 1003 Fund. of Public Speaking
  - \_\_ PHYS 4043 Intro. to Quantum Mechanics I
  - \_\_ MATH 3003 Foundations of Geometry
  - \_\_ PHYS xxxx Physics Elective\*\*
  - \_\_ PSCI 2013 American National Government
  - \_\_ SCED 3043 Sec Methods/Clsrm Mgmt (Spring)
- TOTAL OF 18 HOURS**

##### Semester 8

- \_\_ EDFN 4402 Student Teaching Seminar
- \_\_ EDFN 4405 Student Teaching
- \_\_ EDFN 4415 Student Teaching II

**TOTAL OF 12 HOURS**

\* Strongly Recommended

\*\* This Can be ANY Physics Course

NOTE: Composition II is satisfied in major

**Total hours required for degree: 130**

Department of Physics