

# SECONDARY EDUCATION, BACHELOR OF SCIENCE

| Code   | Title   | Semester Hours |
|--|---|----------------|
| <b>Core Curriculum for Non-STEM Majors (Areas A-E)</b> ( <a href="http://catalog.asurams.edu/undergraduate/core-curriculum">http://catalog.asurams.edu/undergraduate/core-curriculum</a> ) |   | 42             |
| <b>Area F: Courses Related to Major</b>  |   |                |
| EDUC 2110  | Investigating Critical and Contemporary Issues in Education <sup>1</sup>  | 3              |
| EDUC 2120  | Exploring Socio-Cult Perspective <sup>2</sup>   | 3              |
| EDUC 2130  | Exploring Teaching and Learning <sup>3</sup>  | 3              |
| BIOL 2411K   | Human Anatomy and Physiology I  | 4              |
| BIOL 2412K   | Human Anatomy and Physiology II   | 4              |
| <b>Area G: Physical Education</b>  |   |                |
| PEDH XXXX  | 1000 to 2000-level PEDH Skill Courses   | 6              |
| HHUP 2213  | Introduction to Health & Human Performance  | 3              |
| PEDH 3384  | Adapted Physical Education and Diversity in Classroom   | 3              |
| HHUP 3394  | Theory & Psychology of Coaching   | 3              |
| HHUP 3460  | Kinesiology   | 3              |
| HHUP 3470  | Physiology of Exercise  | 3              |
| PEDH 4480  | Major Seminar & Practice  | 1              |
| HHUP 4482  | Tests & Measurements in Health & Human Performance  | 3              |
| <b>Area H: Health</b>  |   |                |
| WELL 1161  | Fitness I   | 2              |
| EDUC 3350  | Public School Health  | 3              |
| HEDP 1166  | Drugs and Drug Abuse  | 2              |
| HEDP 1160  | First Aid, CPR & AED Essential  | 2              |
| HLTH 3660  | Current Issues in Health  | 3              |
| <b>Area I: Education</b>   |   |                |
| ECEC 3352  | Health and Physical Education for Young Children  | 3              |
| SPED 3231  | Contemp Persp Students w/Excep  | 3              |
| EDUC 2199  | Orientation to Education  | 0              |
| EDUC 3363  | Methods and Materials in Physical Education <sup>1</sup>  | 3              |
| EDUC 3401  | Educ Preparation Practicum I <sup>1</sup>   | 2              |
| EDUC 3402  | Educ Preparation Practicum II <sup>1</sup>  | 2              |
| EDUC 3403  | Educ Preparation Practicum III <sup>1</sup><br>edTPA <sup>2</sup>   | 2              |
| EDUC 4412<br>or EDUC 4481<br>& EDUC 4482   | Student Teaching in Senior High School <sup>1</sup><br>Internship in Secondary School<br>and Internship in Secondary School | 12             |
| <b>First-Year and Wellness Course Requirements Outside the Core</b>  |   |                |
| ASU 1101   | First Year Experience: Pathways to Success  | 1              |
| HEDP, WELL   | Health & Wellness Requirement <sup>3</sup>  | 2              |
| Total Semester Hours   |   | 126            |

<sup>1</sup> Students cannot take PEDH 4480 or 3000 to 4000-level courses in ECEC, EDUC, or SPED until admission to Teacher Education requirements have been met.

<sup>2</sup> Find information regarding edTPA here (<http://www.edtpa.com>).

<sup>3</sup> The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness course OR two one (1) credit hour health or wellness activity courses.

## Graduation Requirements

- NON-CREDIT COURSE REQUIREMENTS
- PRAXIS I/GACE Basic
- PRAXIS II/GACE Content 115 and 116
- Admission to Teacher Education
- EDUC 2199 Orientation to TE
- Beginning School Experience
- CPC Requirements
- GRADUATION AUDIT

| Code   | Title  | Semester Hours |
|--|--|----------------|
| <b>Core Curriculum for STEM Majors (MATH 1113 required for Area A2 and MATH 1211 required for Area D)</b> ( <a href="http://catalog.asurams.edu/undergraduate/core-curriculum">http://catalog.asurams.edu/undergraduate/core-curriculum</a> ) <sup>5</sup> |  | 43             |
| <b>Area F: Courses Related to Major</b>  |  |                |
| EDUC 2110  | Investigating Critical and Contemporary Issues in Education <sup>1</sup> | 3              |
| EDUC 2120  | Exploring Socio-Cult Perspective <sup>2</sup>                            | 3              |
| EDUC 2130  | Exploring Teaching and Learning <sup>3</sup>                             | 3              |
| PHYS 1111K   | Introductory Physics I   | 4              |
| PHYS 1112K   | Introductory Physics II  | 4              |
| <b>Area G: Methods/Curriculum/Content Education Courses</b>  |  |                |
| SPED 3231  | Contemp Persp Students w/Excep   | 3              |
| EDUC 4405  | Methods of Teaching Science in the Secondary School                      | 3              |
| EDUC 4451  | Instruction and Assessment   | 3              |
| <b>Science Courses</b>   |  |                |
| BIOL 2107K   | Principles of Biology I  | 4              |
| BIOL 2108K   | Principles of Biology II   | 4              |
| BIOL 2411K   | Human Anatomy and Physiology I   | 4              |
| BIOL 3101K   | Environmental Biology  | 4              |
| CHEM 2351K   | Quantitative Analysis I  | 4              |
| ISCI 3002  | Integrated Earth and Space Sci   | 4              |
| <i>Choose ONE from the following:</i>  |  | 4              |
| BIOL 2211K   | Introduction to Microbiology   |                |
| BIOL 3300K   | General Botany I   |                |
| BIOL 3501K   | Principles of Genetics   |                |
| BIOL 2412K   | Human Anatomy and Physiology II  |                |
| <i>Choose TWO from the following:</i>  |  | 8              |
| CHEM 2301K   | Organic Chemistry I  |                |
| CHEM 2302K   | Organic Chemistry II   |                |
| CHEM 3250K   | Biochemistry I   |                |
| CHEM 2352K   | Quantitative Analysis II   |                |
| <b>Area H: Culminating Clinical Experience</b>   |  |                |
| EDUC 2199  | Orientation to Education   | 0              |
| EDUC 3401  | Educ Preparation Practicum I   | 2              |
| EDUC 3402  | Educ Preparation Practicum II  | 2              |

|   |  |     |
|---|--|-----|
| EDUC 3403   | Educ Preparation Practicum III<br>edTPA <sup>4</sup>   | 2   |
| EDUC 4412<br>or EDUC 4481<br>& EDUC 4482                            | Student Teaching in Senior High School<br>Internship in Secondary School<br>and Internship in Secondary School | 12  |
| <b>First-Year and Wellness Course Requirements Outside the Core</b> |  |     |
| ASU 1101  | First Year Experience: Pathways to Success   | 1   |
| HEDP, WELL  | Health & Wellness Requirement <sup>6</sup>   | 2   |
| Total Semester Hours  |  | 126 |

<sup>1</sup> Prerequisite is ENGL 1101

<sup>2</sup> Prerequisite is EDUC 2110

<sup>3</sup> Prerequisite is EDUC 2120

<sup>4</sup> Find information regarding edTPA here (<http://www.edtpa.com>).

<sup>5</sup> The extra credit hour from MATH 1211 Calculus I will be counted as part of the degree program's electives.

<sup>6</sup> The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness course OR two one (1) credit hour health or wellness activity courses.

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|--|-------|----------------|
| <b>Core Curriculum for Non-STEM Majors (Areas A-E)</b> ( <a href="http://catalog.asurams.edu/undergraduate/core-curriculum">http://catalog.asurams.edu/undergraduate/core-curriculum</a> ) |       | 42             |

#### Area F: Courses Related to Major

|              |  |   |
|--------------|--|---|
| EDUC 2110    | Investigating Critical and Contemporary Issues in Education <sup>1</sup> | 3 |
| EDUC 2120    | Exploring Socio-Cult Perspective <sup>1</sup>                            | 3 |
| EDUC 2130    | Exploring Teaching and Learning <sup>3</sup>                             | 3 |
| MATH 2008    | Foundation Of Numbers And Oper   | 3 |
| ENGL 2105    | Creative Writing   | 3 |
| or ENGL 2406 | Literary Forms   |   |
| ENGL 2204    | Advanced Composition   | 3 |

#### Area G - Major Requirements

|           |   |   |
|-----------|---|---|
| MGED 3315 | Curriculum Needs and Characteristics of the Middle School Child | 3 |
| EDUC 4451 | Instruction and Assessment                                      | 3 |
| SPED 3231 | Contemp Persp Students w/Excep                                  | 3 |
| SPED 3307 | Nat/Char of Stud w/Intel Disab                                  | 2 |
| SPED 3312 | Curr/Meth/Mat Tchng Adap Curr                                   | 2 |
| SPED 3331 | Occ Guid Stud w/Intel Dis                                       | 2 |
| SPED 3341 | Curr/Trans Instr Tch Stu Dis                                    | 2 |
| SPED 4401 | Lrng Env Behav Mgmt Chd W/Disa                                  | 2 |

#### Reading Concentration

|           |  |   |
|-----------|--|---|
| ECEC 3322 | Reading through Childrens Literature/Language Arts | 3 |
| ECEC 3355 | Developmental Reading for Young Children           | 3 |
| ECEC 4423 | Corrective Reading in Early Childhood <sup>4</sup> | 3 |
| ECEC 4500 | Remedial Reading: A Practicum <sup>4</sup>         | 3 |

#### Mathematics Concentration

|           |   |   |
|-----------|---|---|
| MATH 3000 | Numbers and Their Applications            | 3 |
| MATH 3005 | Advanced Topics in Elementary Mathematics | 3 |
| MATH 3311 | Geometry & Applications                   | 3 |
| MGED 3314 | Mathematics in the Middle Grades          | 3 |

#### Area H: Culminating Clinical Experience

|                             |   |    |
|-----------------------------|---|----|
| EDUC 2199                   | Orientation to Education  | 0  |
| EDUC 3401                   | Educ Preparation Practicum I  | 2  |
| EDUC 3402                   | Educ Preparation Practicum II   | 2  |
| EDUC 3403                   | Educ Preparation Practicum III<br>edTPA <sup>5</sup>                        | 2  |
| SPED 4450                   | Student Teaching in Special Education                                       | 12 |
| or SPED 4471<br>& SPED 4472 | Internship in Special Education I<br>and Internship in Special Education II |    |

#### First-Year and Wellness Course Requirements Outside the Core

|                      |  |     |
|----------------------|--|-----|
| ASU 1101             | First Year Experience: Pathways to Success | 1   |
| HEDP, WELL           | Health & Wellness Requirement <sup>6</sup> | 2   |
| Total Semester Hours |  | 124 |

<sup>1</sup> Prerequisite is ENGL 1101

<sup>2</sup> Prerequisite is EDUC 2110

<sup>3</sup> Prerequisite is EDUC 2120

<sup>4</sup> Prerequisite is ECEC 3355

<sup>5</sup> Find information regarding edTPA here (<http://www.edtpa.com>).

<sup>6</sup> The health & wellness requirement may be fulfilled by taking one - two (2) credit hour health or wellness course OR two one (1) credit hour health or wellness activity courses.