

Arkansas State University - Jonesboro
Bachelor of Science in Education
Major: Middle Level Education (Math / Science Specialty)
2013-2014

Students requiring developmental course work based on low entrance exam scores (ACT, SAT, ASSET, COMPASS) may not be able to complete this program of study in eight (8) semesters. Developmental courses do not count toward total degree hours. **Students having completed college level courses prior to enrollment will be assisted by their advisor in making appropriate substitutions. In most cases, general education courses may be interchanged between semesters.** A minimum of 45 hours of upper division credit (3000-4000 level) is required for this degree. Mandatory state and institutional assessment exams will be required during your degree program. **Failure to participate in required assessments may delay graduation.**

| Year 1 | | | | Year 1 | | | |
|--------------------|--|-----|--------|---|---|-----|--------|
| Fall Semester | | | | Spring Semester | | | |
| Course No. | Course Name | Hrs | Gen Ed | Course No. | Course Name | Hrs | Gen Ed |
| UC 1013 | Making Connections (FYE) | 3 | | ENG 1013 | Composition II | 3 | X |
| ENG 1003 | Composition I | 3 | X | PHSC 1201 | Physical Science Lab | 1 | X |
| COMS 1203 | Oral Communication | 3 | X | PHSC 1203 | Physical Science | 3 | X |
| MATH 1023 | College Algebra | 3 | X | ENG 2003/2013 | World Literature I OR World Literature II | 3 | X |
| HIST 1013/1023 | World Civ. to 1660 OR World Civ. from 1660 | 3 | X | HIST 2763/2773 | United States to 1876 OR United States from 1876 | 3 | X |
| | | | | ART/MUS/THEA 2503 | Fine Arts Visual/Music/Theatre | 3 | X |
| Total Hours | | 15 | | Total Hours | | 16 | |
| Year 2 | | | | Year 2 | | | |
| Fall Semester | | | | Spring Semester | | | |
| Course No. | Course Name | Hrs | Gen Ed | Course No. | Course Name | Hrs | Gen Ed |
| BIOL 1001 | Biological Science Lab | 1 | X | ELSE 3643 | Exceptional Child in the Regular Classroom | 3 | |
| BIOL 1003 | Biological Science | 3 | X | MATH 2123 | Mathematics for Teachers II | 3 | |
| MATH 2113 | Mathematics for Teachers I | 3 | | GEOG 2613 | Introduction to Geography | 3 | |
| MLED 2003 | Intro to K-12 Educational Technology | 3 | | STAT 3233 | Specialty Elective: Applied Statistics | 3 | |
| MLED 2023 | Intro to Education | 3 | | PSY 2013 | Intro to Psychology | 3 | X |
| POSC 2103 | Intro to United States Government | 3 | | ENG 2003 OR ENG 2013 OR ENG 3323 OR ENG 3363 | World Lit. I OR World Lit. II OR American Lit. I OR American Lit. II | 3 | |
| Total Hours | | 16 | | Total Hours | | 18 | |
| Year 3 | | | | Year 3 | | | |
| Fall Semester | | | | Spring Semester | | | |

| Course No. | Course Name | Hrs | Gen Ed | Course No. | Course Name | Hrs | Gen Ed |
|---------------------------|--|----------------|--------|---|--|----------------|--------|
| MLED 3003 | Nature and Needs of the Middle Level Learner | 3 | | MLED 3004 | Instructional Models, Strategies and Assessment | 4 | |
| MLED 3083 | Integrating Technology into the Curriculum | 3 | | MLED 3013 | Literacy through Literature in the Middle Grades | 3 | |
| MATH 3133 | Math III for Teachers | 3 | | MLED 3002 | Theories and Strategies of Middle Grades Classroom Management | 2 | |
| GSP 3203 | Science for Teachers | 3 | | MATH 3003 | Geometry for the Middle School Teacher | 3 | |
| CHEM 1003 | Specialty Elective: Introduction to Chemistry | 3 | | GEOG 3723 OR GEOL 1001/1003 OR PHYS 1101/1103 | Physical Geography OR Environmental Geology and Lab OR Space Science and Lab | 3-4 | |
| HIST 3083 | Arkansas History (licensure requirement; does not count toward degree requirements) | 3 | | | | | |
| Total Hours | | 15 (18) | | Total Hours | | 15-16 | |
| Year 4 | | | | Year 4 | | | |
| Fall Semester | | | | Spring Semester | | | |
| Course No. | Course Name | Hrs | Gen Ed | Course No. | Course Name | Hrs | Gen Ed |
| MLED 4013 | Methods and Materials for Teaching Language Arts and Social Studies in the Middle Grades | 3 | | MLED 4106 | Teaching Internship (grades 4-5) | 6 | |
| MLED 4023 | Methods and Materials for Teaching Math and Science in the Middle Grades | 3 | | MLED 4116 | Teaching Internship (grades 6-8) | 6 | |
| MLED 3073 | Key Issues of Teaching and Learning in Middle Grades | 3 | | | | | |
| MLED 4033 | Curriculum Applications in the Middle Grades (Field II) | 3 | | | | | |
| RDNG 4343 | Reading in the Content Areas: Middle and Secondary Schools | 3 | | | | | |
| MLED 4063 | Social Foundations of Education | 3 | | | | | |
| Total Hours | | 18 | | Total Hours | | 12 | |
| Total Degree Hours | | | | | | 125-126 | |

| Math Specialty Electives | Science Specialty Electives | ELA Specialty Electives | Social Studies Specialty Electives |
|--|--|---|--|
| Below are the specialty electives options & course numbers for the ASU-Jonesboro campus . | | | |
| **MATH 3003 Geometry for Middle School <i>(required for M/S emphasis; offered only in Spring)</i> | CHEM 1003 Introduction to Chemistry <i>(prereq is College Algebra)</i> CHEM 1011/1013 General Chemistry w/ lab <i>(CHEM 1003 or HS chemistry background recommended)</i> CHEM 1041/1043 Fundamentals of Chemistry w/ lab BIO 1303/1301 Biology of Animals w/ lab BIO 1503/1501 Biology of Plants w/lab | ENG 4043 Theory in the Teaching of Composition <i>(Spring only)</i> ENG 3583 Literature for Adolescents <i>(Fall only)</i> ENG 3323 American Literature to 1865 <i>(Fall only)</i> ENG 3363 American Literature since 1865 <i>(Fall only)</i> ENG 2113 Intro to Fiction <i>(both semesters)</i> | HIST 1013 OR 1023 Word Civilization HIST 2763 OR 2773 US History GEOG 3203 World Regional Geography GEOG 4643 Geography of Arkansas <i>(Summer I only, online)</i> |
| MATH 1054 Precalculus Mathematics | BIO 2201/2203 Human Anatomy & Physiology I w/lab BIO 2101/2103 Microbiology for Nursing/Allied Health w/lab <i>(\$10 fee)</i> | ENG 3003 Advanced Composition <i>(Spring only)</i> | HIST 3483 The US from 1917-1941 <i>(Spring, odd years)</i> <i>*(recommended for honors students or those who may have taken the above courses or who are ready for a more advanced history class)</i> |
| **Math 2194 Survey of Calculus <i>(Math 1054 required first)</i> | BIO 3011/3013 Genetics w/lab <i>*(recommended for honors students or those who may have taken the above courses or who are ready for a more advanced science class)</i> | ENG 2103 Intro to Poetry and Drama ENG 2113 Intro to Fiction ENG 3023 Creative Writing <i>(Fall only)</i> | HIST 3493 The US Since 1945 <i>(Fall, even years)</i> <i>*(advanced students only)</i> |
| **Math 2204 Calculus 1 <i>(Math 1023 & Math 1054 required first)</i> | | ENG 4353 African-American Literature <i>(Spring only, odd years)</i> | HIST 3603 The American South <i>(Fall, odd years)</i> <i>*(advanced students only)</i> |
| **STAT 3233 Applied Statistics | | ENG 3613 Intro to Folklore <i>(Fall only)</i> | HIST 3623 The American West <i>(Fall, even years)</i> <i>*(advanced students only)</i> |
| **Math 3003, Math 2194, Math 2204, & STAT 3233 are part of the 8th grade Algebra 1 endorsement | | | |

Language Arts/Social Studies Specialists must take 6 hours of language arts and/or English specialty electives and 3 hours of social studies specialty electives. **Math/Science Specialists** must take *MATH 3003 Geometry for Middle School Teachers* plus a 3-4 hour math specialty elective and 3-4 hours of science specialty elective.

To enter the Teacher Education Program, students must:

- Earn satisfactory on the PRAXIS I exam (Pre-Professional Skills Test) – Scores are good for 3 years.
Contact the Testing Center located in the Student Union room 3034 or call 972-2038.
- Have a minimum overall GPA of 2.50 (with C's or better on courses noted on front of this sheet).
- Have a minimum of 36 credit hours.
- Visit our Website <http://www.astate.edu/education/teachered> > admissions and complete the *On-line Registration for Screening* and Download and Complete *Application for Admission* forms.
- Write a 1 to 2 page (double spaced) personal Philosophy of Education statement.
- Complete the Career Awareness Inventory in the Counseling Center located in the Student Union room 2203 or call 972-2318.
- Turn in the Admission packet in the Education Building room 345.
- Complete interview process.