



📍 **Refer to this Pathways Map** to see how your transfer credits apply toward your bachelor's degree requirements 🎓  
 ? **Have questions?** Contact the Office of Admissions: ☎ 256-233-8130 ✉ admissions@athens.edu

**Level** Undergraduate **Classification** Freshman **Major** Chemistry Education (Lic and Cert 6-12) **Minor** Education/STEM

**Program** Bachelor of Science (Education, Lic & Cert) **College** College of Arts and Sciences

## Bachelor of Science

INCOMPLETE

Credits required: 124   Credits applied: 0   Catalog year: Fall 2025   GPA: 0.000

You currently have 0 hours earned at Athens State.

☐ Minimum 124 hours required   **Still needed:** A minimum of 124 hours are required. You currently have 0, you still need 124 more hours.

☐ Minimum 32 hours (25% of degree requirements) at Athens State   **Still needed:** You have 0 but still need a minimum of 32 hours.

☐ A minimum institutional GPA of 2.75 is required

☐ Teacher Education Program (TEP) Requirements   **Still needed:** See [Teacher Education Program Acceptance](#) section

☐ Major Requirements   **Still needed:** See [Chemistry with Minor in Education \(Grades 6-12\)](#) section

☐ Required Professional Studies Courses - Education/STEM Minor   **Still needed:** See [Minor in Education/STEM](#) section

College of Education Field Experience Diversity

☐ General Electives Requirement   **Still needed:** See [General Electives](#) section

### Blocks included in this block

[Teacher Education Program Acceptance](#)  
[College of Arts and Sciences Gen Eds \(Areas I-IV\)](#)  
[Sequence in Literature or History](#)  
[College of Arts and Sciences Area V-PreProf](#)  
[Chemistry with Minor in Education \(Grades 6-12\)](#)  
[Minor in Education/STEM](#)  
[College of Education - Field Experience Diversity](#)  
[General Electives](#)

## Teacher Education Program Acceptance

INCOMPLETE

Catalog year: Fall 2025   GPA: 0.000

For acceptance into the Teacher Education Program, the following requirements must be completed in addition to an Overall GPA of 2.50. To view your overall GPA, refer to the student information at the top of this plan of study.

☐ College of Arts and Sci General Education (I-IV) Requirements   **Still needed:** See [College of Arts and Sciences Gen Eds \(Areas I-IV\)](#) section

All General Education courses on the plan of study specific to the student's degree must be completed with a grade of 'C' or higher. All transcripts must be on file with the Records Office, and all transfer coursework must appear on the Athens State transcript in Banner.

☐ College of Arts & Sci Pre-Professional (Area V) Requirements

**Still needed:** See [College of Arts and Sciences Area V-PreProf](#) section

All Major Prerequisite (Pre-Professional) courses must be completed with a grade of 'C' or higher. All transcripts must be on file with the Records Office, and all transfer coursework must appear on the Athens State transcript in Banner.

☐ Completion of 2 Professional Studies courses

**Still needed:** 2 to 6 Credits in **ASTE** 303 or 325 ☒ or 326 ☒

A 2.75 GPA in Professional Studies courses is required. See Minor in Education/STEM section of this plan for your current GPA in Professional Studies courses and all courses completed.

☐ Completion of 2 Courses in Chemistry Major

**Still needed:** 6 to 10 Credits in **CH** 311 ☒ or 311L or 312 ☒ or 312L or 324 ☒ or 324L or 330 or 409 ☒ or 410 ☒ or 410L ☒ or 420 ☒ or 430 ☒ or 430L or 431 ☒ or 431L

A 2.75 GPA is required in Chemistry Major Courses. See Major section of this plan for your current GPA in Chemistry and all Chemistry courses completed.

☐ Fingerprinting required for acceptance into TEP

☐ TB Test required for acceptance into TEP

☐ 91 Hours of Field Experience Required for Admission to TEP

☐ 91 Hours of Field Experience Required for Admission to TEP

☐ TEP Interview Completed

Students must complete an interview scheduled through their advisor.

☐ Not Yet Approved for TEP by the College of Education Faculty

Students must receive the approval of the faculty of the College of Education for acceptance into the TEP.

## College of Arts and Sciences Gen Eds (Areas I-IV)

INCOMPLETE

Credits required: 42 Credits applied: 0 Catalog year: Fall 2025 GPA: 0.000

**Unmet conditions for this set of requirements:** 42 hours are required. You currently have 0, you still need 42 more hours.

☐ AREA I: WRITTEN COMPOSITION (C or better required)

☐ Written Composition I

**Still needed:** 3 Credits in **ENG** 101

☐ Written Composition II

**Still needed:** 3 Credits in **ENG** 102

☐ AREA II: HUMANITIES AND FINE ARTS (C or better required)

☐ One Fine Arts course or equivalent

**Still needed:** 3 Credits in **ART** 100 or 203 or 204 or **HUM** 130 or **MUS** 101 or **THR** 120 or 126

☐ Speech Course

**Still needed:** 3 Credits in **SPH** 106 or 107

☐ One Literature Course

**Still needed:** 3 Credits in **ENG** 251 or 252 or 261 or 262 or 271 or 272

|   |                      |  |
|---|----------------------|--|
| <input type="radio"/> Other Course in Humanities and/or Fine Arts                       | <b>Still needed:</b> | 3 Credits in <b>ART</b> 100 or 203 or 204 or <b>ENG</b> 251 or 252 or 261 or 262 or 271 or 272 or <b>FRN</b> 101 or 102 or 201 or 202 or <b>GRN</b> 101 or 102 or 201 or 202 or <b>HUM</b> 101 or 102 or 130 or 299 or <b>IDH</b> 106 or 208 or 214 or <b>IDS</b> 102 or <b>JPN</b> 101 or 102 or <b>MUS</b> 101 or <b>PHL</b> 106 or 206 or <b>REL</b> 100 or 151 or 152 or <b>SPA</b> 101 or 102 or 201 or 202 or <b>SPH</b> 106 or 107 or <b>THR</b> 120 or 126 |
| <hr/>   |                      |  |
| <input type="radio"/> AREA III: MATHEMATICS AND NATURAL SCIENCES (C or better required) |                      |  |
| <input type="radio"/> Calculus I  | <b>Still needed:</b> | 4 Credits in <b>MTH</b> 125  |
| <input type="radio"/> College Chemistry I (with separate lab if applicable)             | <b>Still needed:</b> | 4 Credits or 2 Classes in <b>CHM</b> 111 or 111L   |
| <input type="radio"/> College Chemistry II (with separate lab if applicable)            | <b>Still needed:</b> | 4 Credits or 2 Classes in <b>CHM</b> 112 or 112L   |
| <hr/>   |                      |  |
| <input type="radio"/> AREA IV: HISTORY/SOCIAL/BEHAVIORAL SCI (C or better required)     |                      |  |
| <input type="radio"/> General Psychology  | <b>Still needed:</b> | 3 Credits in <b>PSY</b> 200  |
| <input type="radio"/> Human Growth & Development or Adolescent Psychology               | <b>Still needed:</b> | 3 Credits in <b>PSY</b> 210  |
| <input type="radio"/> One History Course  | <b>Still needed:</b> | 3 Credits in <b>HIS</b> 101 or 102 or 121 or 122 or 201 or 202   |
| <input type="radio"/> Other History, Social and Behavioral Science Course               | <b>Still needed:</b> | 3 Credits in <b>ANT</b> 200 or 210 or 220 or 226 or 230 or <b>ECO</b> 231 or 232 or <b>GEO</b> 100 or 201 or <b>HIS</b> 101 or 102 or 121 or 122 or 201 or 202 or <b>IDH</b> 206 or <b>POL</b> 200 or 211 or 220 or <b>PSY</b> 210 or <b>SPH</b> 116 or <b>SOC</b> 200 or 210  |
| <hr/>   |                      |  |
| <input type="radio"/> Sequence in Literature or History                                 | <b>Still needed:</b> | See <a href="#">Sequence in Literature or History</a> section  |


## Sequence in Literature or History

INCOMPLETE

Classes required: 2    Classes applied: 0    Catalog year: Fall 2025    GPA: 0.000

**Unmet conditions for this set of requirements:** 2 Classes constituting a sequence in literature or history are required. You currently have 0, you still need 2 more classes.

|   |                      |   |
|---|----------------------|---|
| <input type="radio"/> LITERATURE OR HISTORY SEQUENCE (C or better required) | <b>Still needed:</b> | Choose from 1 of the following:         |
| <input type="radio"/> AMERICAN LITERATURE SEQUENCE                          |                      | You must complete all of the following: |
| <input type="radio"/> American Literature I                                 |                      | 3 Credits or 1 Class in <b>ENG</b> 251  |
| <input type="radio"/> American Literature II                                |                      | 3 Credits or 1 Class in <b>ENG</b> 252  |
| <input type="radio"/> ENGLISH LITERATURE SEQUENCE                           |                      | You must complete all of the following: |



|  |   |
|--|---|
| <input type="radio"/> English Literature I   | 3 Credits or 1 Class in <b>ENG 261</b>  |
| <input type="radio"/> English Literature II  | 3 Credits or 1 Class in <b>ENG 262</b>  |
| <input type="radio"/> WORLD LITERATURE SEQUENCE  | You must complete all of the following: |
| <input type="radio"/> World Literature I or Major Authors I  | 3 Credits or 1 Class in <b>ENG 271</b>  |
| <input type="radio"/> World Literature II or Major Authors II  | 3 Credits or 1 Class in <b>ENG 272</b>  |
| <input type="radio"/> WESTERN CIV/EUROPEAN HISTORY SEQUENCE  | You must complete all of the following: |
| <input type="radio"/> Western Civ I, Early Mod. Europe, Rev. Europe, or 19th Cent. Europe  | 3 Credits or 1 Class in <b>HIS 101</b>  |
| <input type="radio"/> Western Civ II, 19th Cent. Europe, or 20th Cent. Europe  | 3 Credits or 1 Class in <b>HIS 102</b>  |
| <input type="radio"/> WORLD HISTORY SEQUENCE   | You must complete all of the following: |
| <input type="radio"/> World History I  | 3 Credits or 1 Class in <b>HIS 121</b>  |
| <input type="radio"/> World History II   | 3 Credits or 1 Class in <b>HIS 122</b>  |
| <input type="radio"/> UNITED STATES HISTORY SEQUENCE   | You must complete all of the following: |
| <input type="radio"/> US History I, Rev. America, or American Expansion 19th Cent.   | 3 Credits or 1 Class in <b>HIS 201</b>  |
| <input type="radio"/> US History II, American Expansion 19th Cent., or 20th Cent. America  | 3 Credits or 1 Class in <b>HIS 202</b>  |
|  Note: Classes you take in Areas I–IV may also count toward the Sequence requirement in Literature or History. For example, if you take HIS 101 and HIS 102, these will: <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Count towards “One History Course” (3 credits)</li> <li><input checked="" type="checkbox"/> Counts towards 3 credits in “Other History, Social and Behavioral Science Courses”</li> <li><input checked="" type="checkbox"/> And, satisfy the “Sequence in Literature or History” requirement with a History sequence</li> </ul> |   |

## College of Arts and Sciences Area V-PreProf

INCOMPLETE

Credits required: 16   Credits applied: 0   Catalog year: Fall 2025   GPA: 0.000

**Unmet conditions for this set of requirements:** 16 hours are required. You currently have 0, you still need 16 more hours.

|   |   |
|---|---|
| <input type="radio"/> PRE-PROFESSIONAL COURSE REQUIREMENTS (C or better required) |   |
| <input type="radio"/> Calculus II   | <b>Still needed:</b> 4 Credits in <b>MA 304</b>  or <b>MTH 126</b> |
| <input type="radio"/> Calculus III  | <b>Still needed:</b> 4 Credits in <b>MA 305</b>  or <b>MTH 227</b> |
| <input type="radio"/> Calculus-based Physics I (with separate lab if applicable)  | <b>Still needed:</b> 4 Credits or 2 Classes in <b>PHY 213</b> or <b>213L</b>  |

☐ Calculus-based Physics II (with separate lab if applicable) **Still needed:** 4 Credits or 2 Classes in PHY 214 or 214L

## Chemistry with Minor in Education (Grades 6-12)

INCOMPLETE

Credits required: 37 Credits applied: 0 Catalog year: Fall 2025 GPA: 0.000

**Unmet conditions for this set of requirements:** 37-39 hours are required. You currently have 0, you still need 37 more hours.

Your GPA is 0.000; a GPA of 2.75 is required.

Students must have a minimum grade of 'C' in any required courses, regardless of whether GPA standards are fulfilled.

☐ 24 hours in upper-division chemistry coursework at Athens State **Still needed:** You have taken 0 hours but still need a minimum of 24 hours in upper-division chemistry courses.

☐ ORGANIC CHEMISTRY I REQUIREMENT **Still needed:** Choose from 1 of the following:

☐ Organic Chemistry I (with separate lab if applicable) 4 Credits or 2 Classes in CHM 221 or 221L

☐ Organic Chemistry I 5 Credits in CH 311 ☒ and 311L

☐ ORGANIC CHEMISTRY II REQUIREMENT **Still needed:** Choose from 1 of the following:

☐ Organic Chemistry II (with separate lab if applicable) 4 Credits or 2 Classes in CHM 222 or 222L

☐ Organic Chemistry II 5 Credits in CH 312 ☒ and 312L

☐ Analytical Chemistry **Still needed:** 4 Credits in CH 324 ☒ and 324L

☐ Environmental Chemistry **Still needed:** 3 Credits in CH 330

☐ Biochemistry **Still needed:** 3 Credits in CH 409 ☒

☐ Intermediate Inorganic Chemistry **Still needed:** 3 Credits in CH 420 ☒

☐ Physical Chemistry I **Still needed:** 4 Credits in CH 430 ☒

☐ Physical Chemistry I Lab **Still needed:** 1 Credit in CH 430L

☐ Physical Chemistry II **Still needed:** 3 Credits in CH 431 ☒

☐ Physical Chemistry II Lab **Still needed:** 1 Credit in CH 431L

☐ Research Methods **Still needed:** 3 Credits in CH 325

☐ Approved 300/400 level Chemistry Elective **Still needed:** 4 Credits in CH 300:499 or 314L ☒ Except CH 302 ☒ or 325 or 456 ☒  
During the final term of enrollment at Athens State, the chemistry major must complete a Departmental exit exam similar to PRAXIS Chemistry. All students seeking a degree from the College of Arts and Sciences with a minor in Education, and subsequent licensure and certification by the State of Alabama, are required to pass the appropriate PRAXIS II exams for their program of study. A complete listing of these exams along with required scoring information can be reviewed on the College of Education's webpage. It is the student's responsibility to schedule and take these exams prior to applying for internship (student teaching).

|  |                      |   |
|--|----------------------|---|
| <input type="radio"/> Application for Teacher Ed Program (TEP)<br>Admission Required | <b>Still needed:</b> | Students seeking to earn a degree with a minor in Education for Licensure and Certification must apply and be accepted into the TEP. See the catalog or an Education advisor for details. |
|--|----------------------|---|

## Minor in Education/STEM







INCOMPLETE

Credits required: 25    Credits applied: 0    Catalog year: Fall 2025    GPA: 0.000

**Unmet conditions for this set of requirements:**    A minimum of 25 hours are required. You currently have 0, you still need 25 more hours.  
Your GPA is 0.000; a GPA of 2.75 is required.

Students must have a minimum grade of 'C' in any required courses, regardless of whether GPA standards are fulfilled.

### ☐ REQUIRED CORE COURSES FOR LICENSURE/ CERTIFICATION

|  |  |  |
|--|--|--|
| <input type="radio"/> Pathways to Success  | <b>Still needed:</b>   | 3 Credits in <b>UNV 300@</b>   |
| <input type="radio"/> Steps 1&2: Inquiry-Based Teaching and Lesson Design            | <b>Still needed:</b>   | 2 Credits in <b>ASTE 303</b>   |
| <input type="radio"/> Knowing/Learning in Math & Science                             | <b>Still needed:</b>   | 3 Credits in <b>ASTE 325</b>                     |
| <input type="radio"/> Classroom Interactions   | <b>Still needed:</b>   | 3 Credits in <b>ASTE 326</b>                     |
| <input type="radio"/> Perspectives on Science and Math - (requires admission to TEP) | <b>Still needed:</b>   | 3 Credits in <b>ASTE 410</b>                    |
| <input type="radio"/> Project-Based Instruction - (requires admission to TEP)        | <b>Still needed:</b>   | 3 Credits in <b>ASTE 415</b>                   |
| <input type="radio"/> Career Seminar   | <b>Still needed:</b>   | 1 Credit in <b>UNV 400@</b>  |
| <input type="radio"/> COLLEGE OF EDUCATION FIELD EXPERIENCE REQUIREMENTS             | Please Note: Additional hours of Field Experience are required for students seeking two certifications. Please contact the College of Education or your advisor.                 |  |
| <input type="radio"/> 61 Hours of Field Experience Required for Internship Clearance |  |  |
| <input type="radio"/> REQUIRED PRAXIS SUBJECT ASSESSMENT TESTS                       | Completion of Praxis Tests with qualifying scores for test codes that have been discontinued may not be indicated here. Please contact the College of Education or your advisor. |  |
| <input type="radio"/> Praxis Chemistry Content Knowledge Test Not Passed             |  |  |
| <input type="radio"/> REQUIRED INTERNSHIP FOR LICENSURE/<br>CERTIFICATION            |  |  |
| <input type="radio"/> Apprentice Teaching (requires admission to TEP)                | <b>Still needed:</b>   | 6 Credits in <b>ASTE 425</b>  In residence = Y |
| <input type="radio"/> Apprentice Teaching Seminar (requires admission to TEP)        | <b>Still needed:</b>   | 1 Credit in <b>ASTE 426</b>  In residence = Y  |

College of Education - Field Experience Diversity

INCOMPLETE

Catalog year: Fall 2025      GPA: 0.000

NOTE: COMPLETION OF THIS BLOCK IS NOT REQUIRED TO FULFILL DEGREE REQUIREMENTS. College of Education students seeking certification and College of Arts and Sciences students minoring in Education are strategically placed by the Field Experience and Internship Office at a diverse range of schools in order to provide experiences with diverse populations. While there is not a requirement for a specific number of the diversity experiences listed below, students are encouraged to complete a minimum of seven (7) different diversity experiences.

☐ SCHOOL SYSTEM TYPE

☐ Rural/County School System Field Experience Not Completed

☐ Urban/City School System Field Experience Not Completed

☐ Private School Field Experience Not Completed

☐ GENDER DIVERSITY TYPE

☐ Single Gender School Field Experience Not Completed

☐ Dual Gender School Field Experience Not Completed

☐ RACIAL/ETHNIC DIVERSITY TYPE

☐ Low Racial/Ethnic Diversity Field Experience Not Completed

☐ Middle Racial/Ethnic Diversity Field Experience Not Completed

☐ High Racial/Ethnic Diversity Field Experience Not Completed

☐ MINORITY POPULATION TYPE

☐ Low Minority Population Field Experience Not Completed

☐ High Minority Population Field Experience Not Completed

☐ Blended Population Field Experience Not Completed

General Electives


INCOMPLETE

Catalog year: Fall 2025      GPA: 0.000

☐ General Electives Requirement

Still needed: 2-4 hours are required. You currently have 0, you still need 2 to 4 more hours.

## Legend

|  |                                     |   |                               |
|--|-------------------------------------|---|-------------------------------|
|  | Complete                            |  | Not complete                  |
|  | Complete (with classes in-progress) |  | Nearly complete - see advisor |
|  | Prerequisite                        | @   | Any course number             |

## Disclaimer

You are encouraged to use this degree audit report as a guide when planning your progress toward completion of the above requirements. Your academic advisor or the Registrar's Office may be contacted for assistance in interpreting this report. This audit is not your academic transcript and it is not official notification of completion of degree or certificate requirements. Please contact the Registrar's Office regarding this degree audit report, your official degree/certificate completion status, or to obtain a copy of your academic transcript.

