![Pathways - Connecting Campuses Through Smooth Transitions]

ATHENS STATE UNIVERSITY

📍 **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

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Level Undergraduate **Classification** Freshman **Major** Mathematics **Program** Bachelor of Science - Arts & Sciences

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 31 hours (25% of degree requirements) at Athens State	**Still needed:** You have 0 but still need a minimum of 31 hours.
○ A minimum institutional GPA of 2.00 is required	

○ COLLEGE OF ARTS AND SCIENCES AREA I-V REQUIREMENTS

○ College of Arts and Sci General Education (Areas I-IV) Requirements	**Still needed:**	See **College of Arts and Sciences Gen Eds (Areas I-IV)** section
○ College of Arts and Sci Pre-Professional (Area V) Requirements	**Still needed:**	See **College of Arts and Sciences Area V-PreProf** section
○ Major Requirements	**Still needed:**	See **Major in Mathematics** section
○ Minor Requirements	**Still needed:**	MINOR requirements are required but were not found
○ General Electives Requirement	**Still needed:**	See **General Electives** section

Blocks included in this block
College of Arts and Sciences Gen Eds (Areas I-IV)
Sequence in Literature or History
College of Arts and Sciences Area V-PreProf
Major in Mathematics
General Electives

This Pathways is shown without a declared minor. A minor is required, and it can be any minor offered at Athens State.

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

Credits required: 41   Credits applied: 0   Catalog year: Fall 2025   GPA: 0.000

Unmet conditions for this set of requirements: 41 hours are required. You currently have 0, you still need 41 more hours.

○ AREA I: WRITTEN COMPOSITION

○ 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

○ 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

○ One Literature Course **Still needed:** **3** Credits in **ENG** 251 or 252 or 261 or 262 or 271 or 272

○ Other Courses in Humanities and/or Fine Arts **Still needed:** **6** Credits in **ART** 100 or 203 or 204 or **ENG** 251 or 252 or 261 or 262 or 271 or 272 or **FRN** 101 or 102 or 201 or 202 or **GRN** 101 or 102 or 201 or 202 or **HUM** 101 or 102 or 130 or 299 or **IDH** 106 or 208 or 214 or **IDS** 102 or **JPN** 101 or 102 or **MUS** 101 or **PHL** 106 or 206 or **REL** 100 or 151 or 152 or **SPA** 101 or 102 or 201 or 202 or **SPH** 106 or 107 or **THR** 120 or 126

○ AREA III: MATHEMATICS AND NATURAL SCIENCES

○ Precalculus Algebra **Still needed:** **3** Credits in **MTH** 112

○ Two Natural Science Courses with labs **Still needed:** **8** Credits in **AST** 220 or **BIO** 101 or 102 or 103 or 104 or 201 or 202 or 220 or **CHM** 104 or 105 or 111 or 112 or **GEO** 101 or 102 or **GLY** 101 or 102 or **PHS** 111 or 112 or 120 or 230 or **PHY** 115 or 120 or 201 or 202 or 213 or 214

○ AREA IV: HISTORY, SOCIAL, AND BEHAVIORAL SCIENCES

○ One History Course **Still needed:** **3** Credits in **HIS** 101 or 102 or 121 or 122 or 201 or 202

○ Other History, Social and Behavioral Science Courses **Still needed:** **9** Credits in **ANT** 200 or 210 or 220 or 226 or 230 or **ECO** 231 or 232 or **GEO** 100 or 201 or **HIS** 101 or 102 or 121 or 122 or 201 or 202 or **IDH** 206 or **POL** 200 or 211 or 220 or **PSY** 200 or 210 or **SPH** 116 or **SOC** 200 or 210

○ Sequence in Literature or History **Still needed:** See **Sequence in Literature or History** section

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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.

○ LITERATURE OR HISTORY SEQUENCE **Still needed:** Choose from 1 of the following:

○ AMERICAN LITERATURE SEQUENCE   You must complete all of the following:

○ American Literature I   **3** Credits or **1** Class in **ENG** 251

○ American Literature II   **3** Credits or **1** Class in **ENG** 252

○ ENGLISH LITERATURE SEQUENCE   You must complete all of the following:

○ English Literature I   **3** Credits or **1** Class in **ENG** 261

○ English Literature II   **3** Credits or **1** Class in **ENG** 262

○ WORLD LITERATURE SEQUENCE   You must complete all of the following:

○ World Literature I or Major Authors I   **3** Credits or **1** Class in **ENG** 271

○ World Literature II or Major Authors II **3** Credits or **1** Class in **ENG** 272

○ WESTERN CIV/EUROPEAN HISTORY   You must complete all of the following:
  SEQUENCE

○ Western Civ I, Early Mod. Europe, Rev. Europe,   **3** Credits or **1** Class in **HIS** 101
  or 19th Cent. Europe

○ Western Civ II, 19th Cent. Europe, or 20th Cent.   **3** Credits or **1** Class in **HIS** 102
  Europe

○ WORLD HISTORY SEQUENCE   You must complete all of the following:

○ World History I   **3** Credits or **1** Class in **HIS** 121

○ World History II   **3** Credits or **1** Class in **HIS** 122

○ UNITED STATES HISTORY SEQUENCE   You must complete all of the following:

○ US History I, Rev. America, or American   **3** Credits or **1** Class in **HIS** 201
  Expansion 19th Cent.

○ US History II, American Expansion 19th Cent.,   **3** Credits or **1** Class in **HIS** 202
  or 20th Cent. America

> 📝 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:
>
> ☑ Count towards **"One History Course"** (3 credits)
> ☑ Counts towards 3 credits in **"Other History, Social and Behavioral Science Courses"**
> ☑ And, satisfy the **"Sequence in Literature or History"** requirement with a History sequence

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College of Arts and Sciences Area V-PreProf   INCOMPLETE

Credits required: 18   Credits applied: 0   Catalog year: Fall 2025   GPA: 0.000

Unmet conditions for this set of requirements: 18 hours are required. You currently have 0, you still need 18 more hours.

○ PRE-PROFESSIONAL COURSE
   REQUIREMENTS

○ Precalculus Trigonometry	**Still needed:**	**3** Credits in **MA** 302 ☑ or **MTH** 113
○ Calculus I	**Still needed:**	**4** Credits in **MA** 303 ☑ or **MTH** 125
○ Calculus II	**Still needed:**	**4** Credits in **MA** 304 ☑ or **MTH** 126
○ Calculus III	**Still needed:**	**4** Credits in **MA** 305 ☑ or **MTH** 227
○ Microcomputer Applications	**Still needed:**	**3** Credits in **CIS** 146 or **ITE** 301

Major in Mathematics   INCOMPLETE

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

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

Your GPA is 0.000; a GPA of 2.0 is required.

A minimum of 15 hours must be taken at Athens State.

| ○ Pathways to Success | **Still needed:** | **3** Credits in **UNV** 300@ |
| ○ Computer Science I or the equivalent | **Still needed:** | **3** Credits in **CS** 317 ☑ |

If a programming course has not been taken prior to CS 317, CS 305 Concepts of Computer Programming should be taken as a general elective before taking CS 317.

○ Discrete Mathematics	**Still needed:**	**3** Credits in **MA** 308 ☑
○ Matrices & Linear Algebra or Linear Algebra	**Still needed:**	**3** Credits in **MA** 310 ☑ or **MTH** 237
○ Introduction to Abstract Algebra	**Still needed:**	**3** Credits in **MA** 320 ☑
○ College Geometry or Differential Equations	**Still needed:**	**3** Credits in **MA** 314 ☑ or 321 ☑ or **MTH** 238
○ Advanced Mathematical Software	**Still needed:**	**3** Credits in **MA** 330 ☑
○ Applied Probability/Statistics or Intro to Math Statistics	**Still needed:**	**3** Credits in **MA** 331 ☑ or 431 ☑
○ Senior Mathematics Seminar	**Still needed:**	**3** Credits in **MA** 470 ☑
○ Career Seminar	**Still needed:**	**1** Credit in **UNV** 400@

| ○ MATHEMATICS ELECTIVES | | An exit exam is required for graduation. The non-licensure Mathematics major may choose the PRAXIS II Mathematics Content Exam as their exit exam, or the departmental exit exam may be taken in the MA 470 course. It is the student's responsibility to register for the exit exam. If the student opts to take PRAXIS II exam, the Alabama benchmark score at the time of the request will be used to determine whether the students passes or not. Also, the student must report the results to their advisor. The Mathematics major with a minor in Education is required to take the Praxis II Mathematics Content Test. If, after 3 attempts, the student is unable to pass the Exit Exam, the student must pass a 400-level math course, except MA 454, with a grade of C or better. |
| ○ ELECTIVE SEQUENCE | **Still needed:** | Choose from 1 of the following: |

○ MATH SEQUENCE I- recommended if planning on graduate school

You must complete all of the following:

○ Complex Variables

3 Credits in **MA** 401 ☑

○ Introductory Real Analysis

3 Credits in **MA** 452 ☑

○ MATH SEQUENCE II

You must complete all of the following:

○ Operations Research

3 Credits in **MA** 422 ☑

○ Numerical Analysis

3 Credits in **MA** 423 ☑

○ Mathematics Elective

Still needed: **3** Credits in **MA** 314 ☑ or 321 ☑ or 331 ☑ or 401 ☑ or 422 ☑ or 423 ☑ or 431 ☑ or 445 ☑ or 452 ☑ or 480 ☑ or **MTH** 238

○ REQUIRED MATH EXIT EXAM

○ Math Exit Exam Not Passed

General Electives [INCOMPLETE]

Catalog year: Fall 2025   GPA: 0.000

○ General Electives Requirement

Still needed: 10 hours are required. You currently have 0, you still need 10 more hours.

Legend

⊘	Complete	○	Not complete
◑	Complete (with classes in-progress)	⚠	Nearly complete - see advisor
☑	Prerequsite	@	Any course number

Disclaimer

Pathways
CONNECTING CAMPUSES
THROUGH SMOOTH TRANSITIONS

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