Bachelor of Arts in Environmental Studies

Howard University

College of Arts & Sciences

Catalog: Fall 2025 – Present

Quick Summary - What You Need to Graduate

Total Credits	Minimum GPA	Major Credits	Last 30 Credits
120	2.0	35	At Howard

Your Degree Breakdown:

- Major Requirements: 35 Environmental Science/Studies credits (approximately 11 courses)
- General Education: 30+ credits (approximately 15 courses)
- Chemistry: 4 credits (1 courses)
- Physics: 3-5 credits (1 course)
- Math Requirements: 4 credits (1 courses)
- Free Electives: Remaining credits to reach 120 (varies by track)
- Complete all 7 ELOs (can overlap with courses)
- COAS Experiential (1 course) & COAS Innovative Learning (1 course)
- Undergraduate Comprehensive Exam

Important: Double-Dipping Made Simple!

One course can fulfill BOTH a General Education requirement AND an Essential Learning Outcome (ELO) at the same time. You don't need separate courses for each! This helps you graduate efficiently without taking extra classes.

Major credits **cannot** be double dipped with minor credits. While students are not required to declare a minor, those who choose to do so must complete **15–18 credits that are not applied toward their major requirements**. Minor coursework must remain distinct and separate from major coursework.

University-Wide Requirements

- **Minimum GPA:** 2.0 for all undergraduate coursework
- **Residency:** Complete last 30 credits at Howard University
- **Exit Requirement:** Undergraduate Comprehensive Exam
- **Total Credits:** 120 credits required

General Education Requirements (30+ Credits / ~15 Courses)

Essential Learning Outcomes (ELOs)

Students must complete courses covering all seven outcome areas. Remember, these can overlap with other requirements!

- **ELO 1:** U.S. and Global African Diasporic Developments
- **ELO 2:** Human Cultures and Creative Expression
- **ELO 3:** The Physical and Natural World
- **ELO 4:** Intellectual and Practical Skills
- **ELO 5:** Social Responsibility and Political Institutions
- **ELO 6:** Leadership and Applied Learning
- **ELO 7:** Comprehensive Wellness Practices

Note: ELO courses are tagged in Bison Hub under the course description

Freshman Experience (1 Credit / 1 Course)

- **FRSM 001 -** Freshman Seminar (1 credit)

Core Writing & Communication (12 Credits / 4 Courses)

4 courses needed (each 3 credits)

- **ENGW 101, 102, or 104 -** First-Year English Writing I (3 credits)
- **ENGW 103 or 105 -** First-Year English Writing II (3 credits)
- **Third Writing Course -** Upper-level writing (3 credits)
- **Principles of Speech (AS) -** (3 credits)

Health & Wellness (2 Credit / 1 Course)

- **HHPL Courses -** Health, Human Performance, and Leisure (2 credits)

Cultural and Global Awareness (12 Credits / 4 Courses)

- **African American Cluster Course -** 1 course (3 credits)
- **Foreign Language -** 3 courses (9 credits total, same language)
  (3 credits can be an intercultural knowledge)

Humanities & Social Sciences (12 Credits / 4 Courses)

- **Two Humanities Courses -** 2 courses (3 credits each)
- **Two Social Science Courses -** 2 courses (3 credits each)

Mathematics Requirements (4 Credits / 1 Courses)

Required Course (1 course):

- **MATH 007 -** Pre-Calculus (4 credits) OR

- **MATH 009 Intro to Statistics**

Natural Science Requirements (8 Credits / 2 Courses)

- **CHEM 003 -** General Chemistry I (4 credits)

BIOL 101- General Biology I (4 credits)

COAS Special Requirements

Experiential Learning (1 course required)

Examples of COAS Experiential Learning Course but are not limited to:

- Any 890 course
- EEED 470
- Internships
- Study abroad

Innovative Learning Requirement (1 course required)

- Complete at least one course marked as 'innovative'

Quantitative Reasoning (1 course required)

- Math 009
- BIOL 430
- Math 012
- Math 014
- EEED 320

Note: COAS Special Requirements courses are tagged in Bison Hub under the course description

Total Environmental Science Major Requirements (35 Credits / ~10-11 Courses)

Foundation Courses (13 Credits / 4 Courses)

- **EEED 101** – Intro to Environmental Studies
- **EEED 180** – Global Climate Change
- **EEED 204/ POLS 204** – Science & Public Policy
- **EEED 199/SOCI 199** – Environmental Inequality

Additional Requirements and Electives (22 Credits / ~6-7 Courses)

- **Environmental Science Electives –** 6 Credits
- **Environmental Studies Electives –** 16 Credits

Free Electives

Remaining credits to reach 120 total (varies based on math track and elective choices)

Sample Degree Progress Checklist

Always consult with your academic advisor for personalized guidance

Freshman Year (31 Credits)

Fall Semester (14 Credits)

- ☐ FRSM 001 - Freshman Seminar (1 credit)
- ☐ ENGW 101/102/104 - First-Year Writing I (3 credits)
- ☐ BIOL 101 - General Biology I (4 credits)
- ☐ EEED 101 – Intro. to Environmental Studies (3 credits)
- ☐ Social Science (3 credits)

Spring Semester (17 Credits)

- ☐ ENGW 103/105 - First-Year Writing II (3 credits)
- ☐ CHEM 003 - General Chemistry I (4 credits)
- ☐ EEED 199 – Environmental Inequality (3 credits)
- ☐ Social Science (3 credits)
- ☐ Foreign Language I (3 credits)

Sophomore Year (31 Credits)

Fall Semester (16 Credits)

- ☐ Math 007 – Pre-Calculus (4 credits)
- ☐ EEED 180 – Global Climate Change (4 credits)
- ☐ Foreign Language II (3 credits)
- ☐ Humanities Course (3 credits)
- ☐ HHPL Course (2 credits)

Spring Semester (16 Credits)

- ☐ EEED 204 Science & Public Policy (3 credits)

- ☐ AFST 121 – Culture & Environment in Africa (3 credits)
- ☐ Math 009 or BIOL 430 (4 credits) *Quantitative Skills*
- ☐ Foreign Language III/ intercultural knowledge (3 credits)
- ☐ Free Elective (3 credits)

Junior Year (31-32 Credits)

Fall Semester (17-18 Credits)

- ☐ Experiential Learning Elective (3 Credits)
- ☐ Free Elective (3 credits)
- ☐ Environmental Science Elective (3-4 credits)
- ☐ Environmental Studies Elective (3 credits)
- ☐ Humanities Course (3 credits)

Spring Semester (14 Credits)

- ☐ Environmental Studies Elective (6-8 credits) 2 Courses
- ☐ Principles of Speech (3 credits)
- ☐ African Diasporic Cluster (3 credits)

Senior Year (27-28 Credits)

Fall Semester

- ☐ Environmental Studies Elective (6-8 credits) 2 Courses
- ☐ Environmental Science Elective (3-4 credits)
- ☐ COAS Innovative Learning (if not completed)
- ☐ Free Electives as needed to reach 120 credits
- ☐ Take Undergraduate Comprehensive Exam

Spring Semester

- ☐ Free Electives as needed to reach 120 credits
- ☐ Apply for graduation

Key Requirements Summary

- **Minimum Overall GPA:** 2.0
- **Credits in Environmental Science:** 35 minimum
- **Residency:** Last 30 credits at Howard University
- **Laboratory Science:** Extensive lab requirements in Biology, and Chemistry

Important Notes for Success

- **Experiential Learning:** Can often be satisfied through 890 courses, internships, etc. Please speak with your advisor for all options.
- **ELO Requirements:** Many built in general electives will automatically satisfy ELO requirements.
- **Advisor Consultation:** Consult with your academic advisor each semester for course planning.
- **Scholarship Requirements:** Students are required to successfully pass a minimum of 15 credits each semester. There is an exception for students in their final term to take less than 15 credits and still be awarded their scholarship.

- **Freshman** 0-29 completed credits
- **Sophomore**: 30-59 completed credits
- **Junior:** 60-89 completed credits
- **Senior:** 90 or more completed credits

Resources & Support

- **Academic Advisor:** Contact Office of Undergraduate Studies for assignment
- **Department Office:** Earth, Environment, and Equity Department, College of Arts & Sciences
- **Pre-Health Advising:** Available for students interested in medical/dental/veterinary school.
- **Research Opportunities:** Speak with faculty about laboratory research positions