National Environmental Health Science and Protection Accreditation Council (EHAC)

2021-2022 Annual Update Survey Report

EHAC Executive Director:

Leslie D. Mitchell
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EHAC
Annual Update Survey Report: Highlights
Accredited Degree Program Growth and Attrition
- Steady growth in the number of accredited Undergraduate (UG) and Graduate (G) Degree Programs has leveled since 2015, with a current total of 37 EHAC Accredited Degree Programs (28 Undergraduate and 9 Graduate Degree Programs).

Undergraduate and Graduate Enrollment
- UG enrollment continued to decline from 2020-2021 to 2021-2022.
- Graduate enrollment increased slightly from 2020-2021 to 2021-2022

Undergraduate and Graduate Graduation Rates
- Graduate graduation numbers fell slightly in 2021-2022

Undergraduate and Graduate Retention Rates
- The 13-year (2008-2022) average retention rate for UG students is 25%.
- The 13-year (2008-2022) average retention rate for Graduate students is 35%.

Undergraduate and Graduate On-Campus Recruitment Techniques
- UG Degree Programs again reported more on-campus recruitment success with face-to-face tools in 2021-2022.
- Graduate Degree Programs also experienced success with face-to-face tools, as well as Facebook interactions in 2020-2021.

Undergraduate and Graduate Off-Campus Recruitment Techniques
- UG Degree Programs continued to have the most success recruiting students off-campus by participating in local events, using alumni recruiters and presenting to high school students. Use of News Email, and Facebook posts gained traction in this year’s survey, as well.
- Graduate Degree Programs found the most success for off-campus recruiting via person-to-person contact, use of alumni networking, and use of Community-university partnerships.
EHAC - Annual Update Survey Report: Accredited Programs

EHAC Accredited Programs – 2021-2022:

- 37 Total Undergraduate and Graduate Degree Programs
  - 28 Undergraduate Degree Programs
  - 9 Graduate Degree Programs

<table>
<thead>
<tr>
<th>Institution</th>
<th>EHAC Accredited Undergraduate/Graduate Degree Program</th>
<th>Next Reaccreditation Review Year</th>
<th>Initial Accreditation Date - Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Baylor University Undergrad</td>
<td>2024</td>
<td>2010</td>
<td></td>
</tr>
<tr>
<td>Baylor University Graduate</td>
<td>2026</td>
<td>2002</td>
<td></td>
</tr>
<tr>
<td>Benedict College Undergrad</td>
<td>2023</td>
<td>2004</td>
<td></td>
</tr>
<tr>
<td>Boise State University Undergrad</td>
<td>2024</td>
<td>1982</td>
<td></td>
</tr>
<tr>
<td>California State University at San Bernadino Undergrad</td>
<td>2025</td>
<td>2004</td>
<td></td>
</tr>
<tr>
<td>California State University, Northridge Graduate</td>
<td>2026</td>
<td>1973</td>
<td></td>
</tr>
<tr>
<td>California State University, Northridge Undergrad</td>
<td>2026</td>
<td>1979</td>
<td></td>
</tr>
<tr>
<td>Central Michigan University Undergrad</td>
<td>2025</td>
<td>2013</td>
<td></td>
</tr>
<tr>
<td>Colorado State University Undergrad</td>
<td>2022</td>
<td>1973</td>
<td></td>
</tr>
<tr>
<td>East Carolina University Undergrad</td>
<td>2024</td>
<td>1974</td>
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</tr>
<tr>
<td>East Carolina University Graduate</td>
<td>2024</td>
<td>1981</td>
<td></td>
</tr>
<tr>
<td>East Central University, Oklahoma Undergrad</td>
<td>2026</td>
<td>1975</td>
<td></td>
</tr>
<tr>
<td>East Tennessee State University Undergrad</td>
<td>2024</td>
<td>1969</td>
<td></td>
</tr>
<tr>
<td>Eastern Kentucky University Undergrad</td>
<td>2024</td>
<td>1985</td>
<td></td>
</tr>
<tr>
<td>Eastern Kentucky University Graduate</td>
<td>2024</td>
<td>2012</td>
<td></td>
</tr>
<tr>
<td>Fort Valley State University Undergrad</td>
<td>2027</td>
<td>2015</td>
<td></td>
</tr>
<tr>
<td>Illinois State University Undergrad</td>
<td>2025</td>
<td>1977</td>
<td></td>
</tr>
<tr>
<td>Indiana University- Purdue University Indianapolis Undergrad</td>
<td>2025</td>
<td>2006</td>
<td></td>
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<tr>
<td>Mississippi Valley State University Undergrad</td>
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<td>1997</td>
<td></td>
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<tr>
<td>Mississippi Valley State University Graduate</td>
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<tr>
<td>Missouri Southern State University Undergrad</td>
<td>2026</td>
<td>1996</td>
<td></td>
</tr>
<tr>
<td>Montana State University Undergrad</td>
<td>2025</td>
<td>2019</td>
<td></td>
</tr>
<tr>
<td>Ohio University Undergrad</td>
<td>2022</td>
<td>1992</td>
<td></td>
</tr>
<tr>
<td>Old Dominion University Undergrad</td>
<td>2026</td>
<td>1983</td>
<td></td>
</tr>
<tr>
<td>State University of New York, College of Environmental Science and Forestry Undergrad</td>
<td>2027</td>
<td>2017</td>
<td></td>
</tr>
<tr>
<td>Texas Southern University Undergrad</td>
<td>2025</td>
<td>2006</td>
<td></td>
</tr>
<tr>
<td>University of Findlay Undergrad</td>
<td>2024</td>
<td>2012</td>
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</tr>
<tr>
<td>University of Findlay Graduate</td>
<td>2024</td>
<td>2005</td>
<td></td>
</tr>
<tr>
<td>University of Georgia, Athens Undergrad</td>
<td>2024</td>
<td>1984</td>
<td></td>
</tr>
<tr>
<td>University of Illinois, Springfield Graduate</td>
<td>2024</td>
<td>2006</td>
<td></td>
</tr>
<tr>
<td>University of Washington Undergrad</td>
<td>2024</td>
<td>1976</td>
<td></td>
</tr>
<tr>
<td>University of Wisconsin Oshkosh Undergrad</td>
<td>2025</td>
<td>2013</td>
<td></td>
</tr>
<tr>
<td>University of Wisconsin, Eau Claire Undergrad</td>
<td>2023</td>
<td>1975</td>
<td></td>
</tr>
<tr>
<td>West Chester University Undergrad</td>
<td>2026</td>
<td>2008</td>
<td></td>
</tr>
<tr>
<td>Western Carolina University Undergrad</td>
<td>2023</td>
<td>1984</td>
<td></td>
</tr>
<tr>
<td>Western Kentucky University Undergrad</td>
<td>2028</td>
<td>2022</td>
<td></td>
</tr>
<tr>
<td>Western Kentucky University Graduate</td>
<td>2025</td>
<td>2019</td>
<td></td>
</tr>
</tbody>
</table>
Total Number of Accredited Undergraduate and Graduate Programs from 1969-2022
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Annual Update Survey Report: Faculty Experience and Positions
EHAC - Annual Update Survey Report: Undergraduate and Graduate Faculty Positions from 2012-13 to 2021-22

[Bar chart showing the number of faculty for Undergraduate Full-time, Undergraduate Part-time and Ancillary, Graduate Full-time, and Graduate Part-time and Ancillary from 2012-2013 to 2021-2022.]
EHAC - Annual Update Survey Report:
Undergraduate and Graduate Faculty Salaries - 2021-22

Assistant Professor
Associate Professor
Full Professor
Lecturer/Senior Lecturer

Graduate
Undergraduate
EHAC - Annual Update Survey Report: Undergraduate and Graduate Faculty Salaries from 2012-13 to 2021-22 - different position levels
EHAC - Annual Update Survey Report: Undergraduate Faculty - Levels of EH Practical Experience from 2012-13 to 2021-22

![Bar Chart]

- More than 5 years
- At least 1 year
- 6 months-1 year
- Less than 6 months
- No experience
EHAC - Annual Update Survey Report: Graduate Faculty - Levels of EH Practical Experience from 2012-13 to 2021-22
EHAC - Annual Update Survey Report: Minimum Required Degree for Full Time Undergraduate Faculty from 2012-13 to 2021-22

![Bar chart showing the percentage of programs requiring terminal degrees for full time undergraduate faculty from 2012-13 to 2021-22.](chart.png)
 EHAC - Annual Update Survey Report: Minimum Required Degree for Full Time Graduate Faculty from 2012-13 to 2021-22

<table>
<thead>
<tr>
<th>Year</th>
<th>Terminal Degree Required</th>
<th>Terminal Degree NOT Required</th>
<th>Terminal Degree Required Only for Tenured Track</th>
</tr>
</thead>
<tbody>
<tr>
<td>2012-2013</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2013-2014</td>
<td>0%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2014-2015</td>
<td>20%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2015-2016</td>
<td>40%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2016-2017</td>
<td>60%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2017-2018</td>
<td>80%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2018-2019</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2019-2020</td>
<td>120%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2020-2021</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2021-2022</td>
<td>80%</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
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Annual Update Survey Report:
Faculty Diversity
EHAC - Annual Update Survey Report: Faculty Diversity Trends at Undergraduate Programs from 2012-13 to 2021-22

![Graph showing faculty diversity trends from 2012-13 to 2021-22.]
EHAC - Annual Update Survey Report: Faculty Diversity Trends at Graduate Programs from 2012-13 to 2021-22

Number of Faculty

- Hispanic
- Alaskan (2022 - American Indian or Alaska Native)
- African American (2021-22 - Black or African American)
- Native (2022 - Combined with American Indian or Alaska Native)
- Pacific Islander (2021-22 - Native Hawaiian or Other Pacific Islander)
- Other/More than 2 races

Lack of Sufficient Data
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Annual Update Survey Report:
Faculty Gender
EHAC - Annual Update Survey Report: Undergraduate and Graduate Faculty Gender Distribution from 2012-13 to 2021-22
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Annual Update Survey Report: Students
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Annual Update Survey Report:
Student Enrollment and Graduation Trends
EHAC - Annual Update Survey Report: Undergraduate and Graduate Enrollment Trends from 2006-07 to 2021-22
EHAC - Annual Update Survey Report: Undergraduate and Graduate Graduation Totals from 2006-07 to 2021-22
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Annual Update Survey Report: Student Diversity
EHAC - Annual Update Survey Report: Undergraduate Student Diversity Trends from 2012-13 to 2021-22
EHAC - Annual Update Survey Report: Graduate Student Diversity Trends from 2012-13 to 2021-22

[Bar chart showing the number of students by race/ethnicity from 2012-2013 to 2021-2022.]
EHAC - Annual Update Survey Report: Diversity of Undergraduate and Graduate Students from 2007-08 to 2021-22
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Annual Update Survey Report:
Student Gender
EHAC - Annual Update Survey Report: Undergraduate Gender Distribution Trends from 2012-13 to 2021-22
EHAC - Annual Update Survey Report: Graduate Gender Distribution Trends from 2012-13 to 2021-22
EHAC - Annual Update Survey Report: Undergraduate and Graduate Gender Distribution Trends from 2012-13 to 2021-22
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Annual Update Survey Report: Student Age
EHAC - Annual Update Survey Report:
Undergraduate Age Distribution Trends from 2012-13 to 2021-22
EHAC - Annual Update Survey Report: Graduate Age Distribution Trends from 2012-13 to 2021-22
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Annual Update Survey Report: International Students
EHAC - Annual Update Survey Report: Undergraduate and Graduate International Students Numbers from 2012-13 to 2021-22

![Bar chart showing the number of Undergraduate and Graduate International Students from 2012-13 to 2021-22.](chart.png)

- Insufficient data for some years.
- Data for Undergraduate and Graduate International Students.

**Number of Students**

- Undergraduate International Students
- Graduate International Students

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Results to be Reported Later
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Annual Update Survey Report: Programs
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Annual Update Survey Report:
Program Health
EHAC - Annual Update Survey Report: Graduate Enrollment Concern

Ten Year Trend of Program Director Assessment of Graduate Administration’s Enrollment Concern

Ten Year Trend of Graduate Program Director’s Enrollment Concern
EHAC - Annual Update Survey Report: Undergraduate and Graduate Program Closure Concern

Ten Year Trend in Undergraduate Program Director Concern for Potential Program Closure

Ten Year Trend in Graduate Program Director Concern for Potential Program Closure

% of Program Directors

Concerned | Not Concerned | Unsure
EHAC - Annual Update Survey Report: Undergraduate and Graduate Program Director Program Health Estimates

Ten Year Trends of Program Director Estimates of Overall Undergraduate Program Health

Ten Year Trends of Program Director Estimates of Overall Graduate Program Health
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Annual Update Survey Report:
Recruitment Tools - On and Off Campus

- Financial aid initiatives
- Instagram
- Other (please specify), suggestions/comments:
- Outreach to students who are undeclared majors
- Participating in on-campus events
- Posting advertisement flyers
- Recruitment class (introductory class open to all university students)
- Snapchat
- Student club activities
- Students recruiting other students
- Submitting articles for school newspaper on EH student led initiatives
- Twitter
- Working with Advising Office and/or Staff
- Working with the admissions office
- YouTube

% Undergraduates

- Alumni
- Community-university partnerships
- Email
- Facebook
- Graduate Fairs
- High school class presentations
- Instagram
- News media
- Participation in career day events
- Participation in local events
- Person to person
- Science fairs
- Snapchat
- Twitter
- YouTube
EHAC - Annual Update Survey Report: Most Effective Graduate Off-Campus Recruitment Tools from 2021-2022 (N 8)

- Graduate Fairs
- Participation in local events (e.g., County health and safety days)
- News media
- Person to person
- Email
- Community-university partnership
- Alumni
- Snapchat
- Instagram
- Twitter
- Facebook
- YouTube

Graph showing the percentage of responses for each tool.
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Annual Update Survey Report:
Online Degree and Course Offerings
and Exit Exams
EHAC - Annual Update Survey Report:
Undergraduate and Graduate Programs Offering or Planning to Offer Online Degrees

Undergraduate (N 28) and Graduate (N 4) Programs Offering Full Online Degree - 2021-2022

- Undergraduates: 96% Yes, 4% No
- Graduates: 75% Yes, 25% No

Undergraduate (N 27) and Graduate (N 1) Programs Currently Developing a Full Online EH Degree - 2021-2022

- Undergraduates: 85% Yes, 15% No
- Graduates: 100% Yes, 0% No
EHAC - Annual Update Survey Report: Undergraduate (N 28) and Graduate Programs (N 4) Offering REHS/RS Exam Prep. in 2021-22
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Environmental Health Educational Career Choices
Undergraduate Programs - Why Do Students Choose to Pursue an Environmental Health Degree Program?

- Parent or Family was an EH professional
- Program Marketing message (From Department or University)
- Looked interesting
- Meaningful career opportunities
- Wanted to help others
- Good salary
- Good benefits
- Good retirement

0% 20% 40% 60% 80% 100% 120%

Graduate
Undergraduate
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Annual Update Survey Report:

END

Please contact Leslie Mitchell at executive.director@nehspac.org with any questions