ULAB
UNIVERSITY OF THE FUTURE

# BSc IN ENVIRONMENTAL STUDIES & SUSTAINABILITY

ESS

# Why Choose ULAB?

At ULAB, you will find more than just a university - you will discover a community that inspires you to dream big, think critically, explore ideas, and create change.

Rooted in the **liberal arts tradition, ULAB believes that the best ideas humanity has produced belong to everyone, not to any single discipline.** We encourage students to look beyond disciplinary boundaries, connect knowledge across fields, and understand the world from multiple perspectives. Learning is not simply about acquiring information; it is about asking questions, challenging assumptions, solving problems, and discovering new possibilities.

**At ULAB, learning is active, collaborative, and connected to the real world.** Through discussion, inquiry, research, hands-on projects, and experiential learning, students take ownership of their education and develop the ability to think independently. We prepare graduates not only for careers, but also for lifelong learning, responsible citizenship, and meaningful contributions to society.

With 5,500+ students and a growing global alumni network, ULAB combines intellectual exploration with a strong commitment to sustainability, inclusion, and positive social impact.

**Our commitment to innovation and impact has earned international recognition:**

- **World University Rankings for Innovation (WURI) 2026:** Ranked **36th globally and 1st in Bangladesh,** placing ULAB among the world's top 40 innovative universities.
- **Times Higher Education (THE) Sustainability Impact Ratings 2026:** Ranked in the **801–1000 global band and 12th among all universities in Bangladesh**, reflecting its contributions to the United Nations Sustainable Development Goals.
- **QS World University Rankings: Asia 2026:** Ranked in the **1001–1100 band in Asia.**
- **ISO 9001:2015 certification:** Reflecting ULAB's commitment to quality management and continuous improvement.

All of this comes together on our green campus—a lively, welcoming space where curiosity is encouraged, diverse perspectives meet, and learning extends beyond the classroom.

At ULAB, we don't just teach students what to think. We help them learn how to think, connect ideas, and make a difference.

# Why Choose ESS?

The world is changing—and so are the challenges we face. Climate change, pollution, and unplanned urban growth are shaping Bangladesh's future. At ULAB, we believe YOU can be part of the solution.

That's why we created **the undergraduate degree in Environmental Science and Sustainability (ESS)**, a pioneering program that uniquely integrates all the pillars of sustainable development. This program equips you to lead in areas like **climate action, biodiversity conservation, community development, and sustainable innovation.**

If you want to **make a real difference for the planet and for people,** ESS is your path.

## Job Prospects

The future is green—and so are the jobs! With a degree in ESS, you can step into exciting and meaningful roles such as:

- **Sustainability Officer** in companies and agencies
- **Environmental Consultant** for governments, industries, and NGOs
- **Climate Policy Analyst** in think tanks
- **Conservationist or Ecologist**
- **Environmental Journalist or Educator**
- Or continue your journey in **graduate study and research**

From boardrooms to fieldwork, ESS graduates are at the heart of building a sustainable future.

## Program Information at a Glance

The **Bachelor of Environmental Science and Sustainability** blends science, sustainability, and liberal arts. You'll explore topics like **environmental law, ethics, and innovation** while building critical thinking, creativity, teamwork, and problem-solving skills.
It's hands-on, future-focused, and designed to help you tackle the world's most pressing challenges.

## Departmental Facilities

1. **Research Center (CSD):** Founded in 2006, CSD is ULAB's oldest research center, working on climate and sustainability projects with partners around the world. Students gain research experience and network with experts.
2. **Sustainability Club:** Student-led, dynamic, and fun! From field trips to workshops, this club helps you live and lead sustainability every day.
3. **Environment Lab:** Fully equipped for biology, soil, water, and air studies—so you can test, experiment, and apply theory in real life.
4. **GIS Lab:** Learn cutting-edge mapping and data skills using ArcGIS Pro to analyze land, resources, disasters, and the environment.

## Faculty Strength

**100%**
of faculty members have degrees from top-class reputable universities

**40%**
of faculty members have PhD

**90%**
of faculty members have industry and consultancy experience

# Course Distribution

The duration of the program is 4 years (12 semesters), requiring a total of 130 credits.

All students must complete foundation and general education courses, including Pre-University, General Education Foundation (GEF), ULAB Core (UCC), General Education (GED), and Essential Skills modules.

| Course Category | No. of Courses | Credits |
|---|---|---|
| Essential Skills | 4 | Non-Credit |
| General Education Foundation (GEF) Courses | 2 | 6 |
| General Education (GED) Courses | 3 | 9 |
| ULAB Core Courses (UCC) | 3 | 9 |
| Major Core Courses | 23 | 69 |
| Major Elective (Concentration) Courses | 6 | 18 |
| Minor/Optional Courses | 5 | 15 |
| Dissertation/Project/Internship | 1 | 4 |
| **Total Credit Courses** | **43** | **130** |

Note: Please note the 2 Pre-Uni Courses may be assigned to students based on their performance in the admission test.

For major courses, students must complete 23 core courses, and can choose 6 courses from either of the two concentration areas: natural systems and social systems.

# Core Competencies

As a student of Environmental Science and Sustainability at ULAB, you won't just learn theories—you'll build real-world skills that prepare you to make a difference. Here are the **top four competencies** you'll take with you:

**Scientific & Technical Know-How.** You'll get a solid foundation in ecology, climate science, biodiversity, and sustainability. From lab work to field trips, you'll learn how to test soil, water, and air quality, and use powerful tools like GIS mapping to understand our environment.

**Problem-Solving & Innovation.** You'll sharpen your ability to think critically about issues like climate change, pollution, and urban growth. Most importantly, you'll learn how to design practical, creative solutions that work for both people and the planet.

**Policy, Advocacy & Communication.** You'll explore environmental law and global agreements like the **Paris Climate Accord** and the **UN Sustainable Development Goals.** Plus, you'll build strong communication skills—whether that's writing reports, presenting research, or raising awareness in your community.

**Leadership & Teamwork.** You'll develop the confidence to lead sustainability projects, work with diverse groups (from local communities to international organizations), and collaborate on real-world challenges.

In short, you'll graduate as a **scientist, a problem-solver, a communicator, and a leader**—ready to take on the future of sustainability.

## ULAB's Journey in Sustainability

**2006 –** ULAB establishes the **Center for Sustainable Development (CSD)**, its very first research center, dedicated to sustainability challenges.

**2016 –** Launch of the **Annual Conference on Sustainable Development**, now a flagship global event bringing together scholars, practitioners, policymakers, and students.

**2018 –** CSD introduces the **Minor in Sustainable Development**, open to students from all disciplines who want to lead change in their fields.

**2018–** Present – Conducting **interdisciplinary action research** on climate change adaptation, disaster resilience, sustainability in education, and the human impact of megaprojects.

**Recent Years –** Rolling out **community-centered projects** that turn research into real-world impact and solutions.

**The Future –** Expanding partnerships across Bangladesh and globally to build a **premier department of sustainability** at ULAB.

## Global Connections & Opportunities

- **Partnerships that Matter –** CSD works with top international and national donors, universities, and government and private institutions to deliver projects that make a real difference.
- **Knowledge Without Borders –** We regularly host visiting researchers and graduate students from world-class institutions in Ireland, Germany, Switzerland, Canada, and beyond—creating space for exciting cross-country knowledge exchange.
- **Student Opportunities –** Thanks to these collaborations, ULAB students can explore **exchange programs, research placements, and pathways to higher studies** at partner universities worldwide.

# Tuition Fees

| Credit Hours | Per Credit Fee | Total Cost |
|---|---|---|
| 130 | BDT 5,500 | BDT 7,86,500* (Including all other costs) |

* ESS students will receive 20% special waiver on tuition fees.

# Scholarship & Financial Aid

- Up to 100% Waiver for strong results, siblings, employees' wards, science, or female students upon meeting the requirements.
- Prestigious Named Scholarships with full tuition and stipend for the study duration.
- VC and Dean Honor Lists with full tuition waivers.
- Support for Talent & Need for artists, athletes, freedom fighters' children, remote areas, and hardship aid.

# Student Life at ULAB

- **Green Campus – Learn where it's fresh!**
  A spacious, leafy campus in Mohammadpur that gives you room to think, breathe, and thrive.
- **Modern Classrooms – Cool, connected, and collaborative!**
  Fully air-conditioned, Wi-Fi enabled, and designed for interactive learning.
- **IoT & Computer Labs – Tech that takes you further!**
  One of the first private universities in Bangladesh with its very own IoT Lab.

- **Library Resources – Fuel your curiosity!**
  Over 100,000 print and digital resources, global journals, daily news, and cozy study spaces to keep your brain buzzing.
- **Clubs & Events – Find your vibe, join your tribe!**
  From sustainability to adventure, literature to business—there's always something happening, and a club just for you.
- **Cafeteria & Lounges – Where friends and ideas meet!**
  Grab a bite, brainstorm with your team, or just relax between classes.
- **Shuttle Service – Easy rides, happy vibes!**
  Safe and affordable transport connecting campus to Dhanmondi, Mirpur 12, and beyond.

At ULAB, your student life is more than just classes—it's a mix of learning, fun, and friendships that last a lifetime.

# Guideline for Online Application

**Application Link:**
https://oam.ulab.edu.bd/

| | |
|---|---|
| **Step 1** | Choose your desired program and click **"Apply".** |
| **Step 2** | Click on the tab **"Proceed to Apply"**. |
| **Step 3** | Fill out the **"ULAB Admission Sign-up Form"** by providing the required information & click **"Create Account"**. |
| **Step 4** | Check the email account used during sign-up (Inbox or Spam) for the account activation message. |
| **Step 5** | Follow the instructions in the email to activate your account. |
| **Step 6** | Log in with your registered email and complete the application form with accurate information. |
| **Step 7** | After filling out the form, review it by clicking **"Preview"**, then click **"Submit"**. |
| **Step 8** | Confirm your payment through **bKash**. |
| **Step 9** | Download your **Admit Card**. |

# Undergraduate Admission Requirements:

- A Minimum GPA 2.50 in both SSC and HSC examinations or equivalent, or at least one GPA of 2.00 but an aggregate GPA of 6.00 in SSC and HSC, or
- O'Levels in 5 subjects with a minimum GPA of 2.50 & A'Level in 2 Subjects with a minimum GPA of 2.00 (scale A=5, B=4, C=3, D=2, E=1), or
- Sons/daughters of freedom fighters with an aggregate GPA of 5.00 in SSC &HSC, or
- International Baccalaureate (IB)/American High School Diploma.
- Students with science background in HSC or equivalent Examinations are allowed to get admission in science, technology and engineering programs.

**Note:**

- Acceptable score in the ULAB Admission Test.
- Admission test is waived for candidates with minimum score of 1100 in SAT (Math + Critical Reading)
- Admission will be revoked at any time if any certificate or educational information submitted during the admission process is found to be false or incomplete.

## Admission Test Q&A Sample

Kindly visit the following links to review the sample Q&A.

**Undergraduate:** https://admissions.ulab.edu.bd/undergraduate-programs/undergraduate-sample-question

## Want to talk to our admission team?

**Book an online counseling session:** http://oac.ulab.edu.bd

**Call:** 01730082197 | 01713091936 | 01714161613

**Email:** admissions@ulab.edu.bd

## Important Links:

**For tuition and fees:** https://admissions.ulab.edu.bd/tuition-fees/

**For scholarships:** https://admissions.ulab.edu.bd/scholarships-aid/

**For Admission Merit Scholarship:** https://admissions.ulab.edu.bd/undergraduate-programs/ulab-admission-merit-scholarship-policy

**For program information, please visit:** https://ess.ulab.edu.bd/