

# Overview of the Bachelor of Software Engineering Honours (BSEHons) Degree Program Offered by The Open University of Sri Lanka

## About This Document

This document provides a comprehensive overview of the Bachelor of Software Engineering Honours (BSEHons) degree offered by The Open University of Sri Lanka (OUSL). It aims to inform prospective students, parents, and the general public about the unique opportunities available through this program and the OUSL's commitment to open and flexible education.

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## The Open University of Sri Lanka (OUSL)

The Open University of Sri Lanka (OUSL) is a national university, unique within the Sri Lankan university system, as the only university offering study programs leading to certificates, diplomas, degrees, and postgraduate degrees (up to PhD level) through the innovative Open and Distance Mode of Learning. Degrees awarded by OUSL fall under the purview of the University Grants Commission and align with the Sri Lanka Qualifications Framework.

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## Vision of OUSL

“To attain excellence in life-changing education by providing equitable learning opportunities”

## Mission of OUSL

“To provide lifelong learning opportunities through Open, Distance and Flexible Education with a commitment to excellence in teaching and research”

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## Bachelor of Software Engineering Honours (BSEHons)

The Bachelor of Software Engineering Honours degree program at OUSL aims to produce skilled graduates in this rapidly evolving discipline. The curriculum adheres to ACM/IEEE guidelines and responds to industry demand for professional software engineers.

The degree program is designed for students aspiring to become:

- Software Architects
- Software Engineers
- System Analysts
- Quality Assurance Engineers

While the standard duration is four (4) years, students with acceptable post-secondary qualifications may complete it in a shorter period.

The program covers:

- Design, construction, and implementation of complex software systems
- Core units in Computer Science, Programming, Software Engineering, Mathematics, and QA/Testing
- Communication skill development

All sessions are conducted in English.

Program is coordinated by the Center for IT Educational Services (CITES):

<https://ou.ac.lk/cites/>

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## Industry Partnership – SLASSCOM

OUSL collaborates closely with SLASSCOM (<https://slasscom.lk/>), the leading software industry association in Sri Lanka.

- Curriculum developed with industry input
  - Internship opportunities available through SLASSCOM member companies
  - Students encouraged to engage with the “Future Careers Bridge” platform:  
<https://www.futurecareersbridge.net/>
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## Program Delivery

OUSL uses a technology-supported **distance delivery model**:

- Learner Management System (LMS) provides access to materials and forums
  - Dedicated tutorial support and small group coordination
  - Mostly online delivery (except final exams)
  - Some on-site sessions at regional centers
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## Program Learning Outcomes (PLO)

1. Apply knowledge of mathematics, basic sciences, and engineering to complex problems.
  2. Identify, research, and solve complex engineering issues.
  3. Design systems or components to meet specific needs.
  4. Conduct research-based investigations.
  5. Use modern tools and techniques for complex engineering tasks.
  6. Evaluate societal, health, legal, and environmental aspects of solutions.
  7. Demonstrate knowledge of sustainable development in engineering.
  8. Understand ethical responsibilities and professional standards.
  9. Work effectively in multidisciplinary and multicultural teams.
  10. Communicate complex ideas clearly in written and oral form.
  11. Understand management, financial, and change management principles.
  12. Engage in lifelong learning amid technological change.
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## Duration

- **Minimum:** 4 Years
- **Maximum:** 12 Years
- Academic year divided into 2 semesters

- Academic Year 2024/2025 starts on **25 March 2025**
  - **Efil** and **Bridging Math courses**: Start Jan – March 2025
  - **EGAP** course: Starts Jan 2025
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## Admission Requirements

Any of the following:

- Three (03) passes in G.C.E. (A/L) in any stream (excluding General English & IT)
  - “C” passes in three (03) subjects in Cambridge/Edexcel A/L
  - Completed Advanced Certificate Program at OUSL
  - Any other Senate-approved equivalent qualification
- + Pass the Selection Test**
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## Application Information

- Applications for **2024/2025**: Closed
  - Applications for **2025/2026**: Will be available **late 2025**
  - Pre-orientation sessions and webinars will be announced soon
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## Financial Information

**For Local Students:**

- Application Fee: **LKR 750**
- Registration Fee: **LKR 500**
- Facilities Fee: **LKR 2500**
- Library Fee: **LKR 100**
  - (Refundable deposit applies for borrowing privileges)
- Per Credit Fee: **LKR 4190**
  - (Students may take 32–33 credits per year)

- **130 credits** needed to graduate

**Scholarships and bursaries** are available for students requiring financial support.

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## Program Details

- **Program Code:** BS
  - **Category:** Undergraduate
  - **Discipline:** Computing
  - **Conducted by:** Department of Electrical and Computer Engineering
  - **Faculty:** Engineering Technology
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## Contact Information

Help Desk: <http://helpdesk.ou.ac.lk>

**Department of Electrical and Computer Engineering, OUSL, Nawala**

**Phone:**

- +94 11 288 1081
- +94 70 181 9239 (Tamil & English)
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