https://cse.uiu.ac.bd/about-cse/mission-vision/

- Profile Login

- Home
- About CSE

Mission & Vision About CSE * Industry Advisory Panel * Mission & Vision * News and Events * Welcome Message * Why CSE at UIU

News

July 5, 2025 Research Talk on CPS and Possible Opportunities for StudentsDecember 4, 2024 MSCSE Program Welcomes New Students â€" Fall 2024June 1, 2023 The Department of Computer Science and Engineering Welcomes New LeadershipMarch 19, 2022 Blockchain â€" The Coming RevolutionMarch 1, 2022 Undergraduate Assistant (UA) Required for Spring 2022 View more

Notices

July 1, 2025 Updated Course Assignment Summer 2025June 29, 2025 Revised Advisor/Mentor List: Summer 2025June 29, 2025 UCAM CLOUD User ManualJune 22, 2025 On-line Course Evaluation SPRING 2025 TRIMESTERJune 16, 2025 Course Offerings, Summer 2025 (BSCSE/BSDS) View more

Events

November 9, 2024 2:00 pm An Invited Talk on â€œProject Managementâ€October 28, 2016 12:00 am Student Professional Awareness Conference (SPAC)March 28, 2016 3:35 pm Seminar On: â€œDevelopment and Mining of a Volatile Organic Compound Databaseâ€ by Dr. Md. Altaf-Ul-AminMarch 5, 2016 3:00 pm Mandatory Seminars for Undergraduate Thesis/ProjectSeptember 12, 2015 12:00 am Top Up IT Training â€" Test Results View more

Vision:

The vision of the department is to become center of excellence in teaching and research and to produce industry ready computer professionals to meet the challenges of the 21st century.

Mission:

The mission of the department is to groom our students with the quality of leadership skill, complex problem solvers, and life long learners who will be able to create, share and apply their knowledge in multidisciplinary areas to earn benefit for the humanity. Intended Learning Outcomes The outcomes of cse program are statements that describe skills that we expect to enable our student to attain by the time of graduation. Engineering knowledge Apply knowledge of mathematics, natural science, engineering fundamentals and Computer Science and Engineering to the solution of complex engineering problems. Problem analysis Identify, formulate, research literature and analyse complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences and engineering sciences. Design/development of solutions Design solutions for complex engineering problems and design systems, components or processes that meet specified needs with appropriate consideration for public health and safety, cultural,

societal, and environmental considerations. Investigation Conduct investigations of complex problems using research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of information to provide valid conclusions. Modern tool usage Create, select and apply appropriate techniques, resources, and modern engineering and IT tools, including prediction and modelling, to complex engineering problems, with an understanding of the limitations. The engineer and society Apply reasoning informed by contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to professional engineering practice and solutions to complex engineering problems. Environment and sustainability Understand and evaluate the sustainability and impact of professional engineering work in the solution of complex engineering problems in societal and environmentâ contexts. Ethics Apply ethical principles and commit to professional ethics and responsibilities and norms of engineering practice. Individual work and teamwork Function effectively as an individual, and as a member or leader in diverse teams and in multi-disciplinary settings. Communication Communicate effectively on complex engineering activities with the engineering community and with society at large, such as being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions. Project management and finance Demonstrate knowledge and understanding of engineering management principles and economic decision-making and apply these to oneâ€™s 13 own work, as a member and leader in a team, to manage projects and in multidisciplinary environments. Life-long learning Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

Follow Us

About UIU

- Why UIU
- Vision Mission Goals
- General Information
- UIU Campus
- Guiding Principles
- Ranking & Accreditation
- Convocation
- Gallery
- Media
- Career
- Contact

Departments

- Dept. of CSE
- B.Sc in Data Science
- Dept. of EEE
- Dept. of Civil Engineering
- Dept. of Pharmacy
- Dept. of English
- Dept. of EDS
- Dept. of MSJ
- SoBE (BBA, AIS, MBA, EMBA)
- Dept. of Economics
- Dept. of BGE

Admission

- Admission
- Tuition Fees & Waiver
- Admission Requirements
- Admission Test Result
- Admission Procedure
- Admission Dates
- International Studentsâ€™ Admission

- Global Opportunities
- International Collaboration
- FAQ

Important Links

- Time Schedule of Shuttle Services
- Student Transportation Service
- Payment Procedure
- Student e-Resources
- Important Contact

Quick Links

- UCAM
- eLMS
- Parent Portal
- Online Classroom Booking
- Degree Verification
- Necessary Forms
- Notice
- News
- Event

United City, Madani Ave, Dhaka 1212 * Privacy Policy * Accessibility Assistance * Copyright * Site Information