

9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



BAU AT A GLANCE

Since its foundation in 1998, the vision of BAU has been to be a global university known for its contribution to scientific, technological, and cultural knowledge through innovative education models and research approaches that reflect international standards as well as service to society. Currently, BAU Global Network comprises of 6 universities (Istanbul, Washington D.C., Berlin, Cyprus, Batumi, Plymouth), 5 liaison offices (BAU Global Azerbaijan, Jordan, Uzbekistan, Mongolia, Pakistan) and 5 language schools.

As one of the leading universities in Türkiye, BAU aims primarily to improve the living standards of the local and global society by integrating the sustainable development goals into its corporate processes and culture, educational programs, academic research practices and stakeholder collaborations. BAU with its staff members, students and alumni is a big academic community who are raised as good global citizens committed to each other and the world around them and always act with the utmost sense of ethics and social responsibility.

BAU WITH NUMBERS

- 7 campuses in Istanbul
- 10 faculties, 1 conservatory, 2 vocational schools
- 40 BA programs, 153 MA programs, 24 PhD. programs
- 22 research and application centers
- 150 labs, workshops/studios, incubation centers
- 223 Erasmus partner universities, 92 world exchange partners
- 805 full-time faculty members, 526 administrative staff members
- 19.595 undergraduate students, 5.503 graduate students, 1.306 associate degree students
- 79 student clubs
- 224 externally funded projects between 2020-2022
- 340 industry partnerships & projects between 2020-2022

BAU IN THE TIMES HIGHER EDUCATION



BAU participates in the Times Higher Education (THE) Impact Rankings since 2019. According to the current rankings, BAU belongs to the **601-800 band in the World University Rankings**, the **401-600 band in the Impact Rankings** and the **251-300 band in the Young University Rankings**. Also, BAU is ranked among the **top 5 universities in Türkiye**.

The university continuously increases its standing in categories related to the UN Sustainable Development Goals. As of 2022, BAU holds the following standings in the THE Impact Rankings;

- Ranks between 101-200 in Industry Innovation, Infrastructure
- Ranks between 201-300 in Gender Equality
- Ranks between 301-400 in Reducing Inequalities
- Ranks between 301-400 in Peace, Justice and Strong Institutions
- Ranks between 301-400 in Sustainable Cities and Communities

The University takes the above-mentioned rankings as evaluation criteria for progress regarding its adherence and contribution to the UN Sustainable Development Goals and will continue to report its advancement in the rankings on a yearly basis.

INDUSTRY, INNOVATION AND INFRASTRUCTURE

BAU Cyber Security Application and Research Center

The objective of BAU Cyber Security Application and Research Center is to create awareness nationally on all subjects within the field of cyber security, to provide consultancy to institutions and organizations, to foster skilled labor, and to conduct academic research. In line with its mission, the center carries out the following activities;

- To do research, screening, development and implementation and to establish communication infrastructures and data banks.
- To collaborate with domestic and international research and education institutions.
- To develop certificate programs, workshops, seminars, conferences, congresses on a national and international level.
- To publish solution-oriented white papers, reports, bulletins, books, articles, magazines that present scientific and technical findings of research projects and applications and to inform the public on the research results.

Organizations & Activities

The center participated in the workshop titled “Current Situation and Needs Analysis for Forensic Informatics and Cyber Security Training Programs” held by the Istanbul Commerce University on February 26, 2020, for the Governorship of Istanbul.

Other Events, Projects, Activities and Publications between 2020-2022

- 6th Edition of the book “Legal Ethics” by Prof. Aziz Can TUNCAY of BAU Faculty of Law was published (27 January 2022).
- Global Conference on “Contemporary Literacy on Anticorruption” (24-25 May 2022) by BAU, Cifal Istanbul in collaboration with the UN Institute for Training and Research, Rule of Law and Anti-Corruption Center (ROLACC), and Global Anti-Corruption Training Platform.



INDUSTRY, INNOVATION AND INFRASTRUCTURE

BAU'S Research Strategy

BAU's research strategy is constructed to create and nurture sustainable innovative and commercialization ecosystem. In order to embrace sustainability research management; all processes are designed and internalized, starting from a raw idea to a market introduced product. Internal (BAUBAP funding programme) or external financial resources are provided to mature a scientific output till an applicable industry service/product. This approach demonstrates BAU's commitment and contribution to a resilient industrialization. Throughout BAUBAP internal funding BAU invested in basic research and R&D funding 19.192.625,24 TL in 2020 and 44.469.926,47 TL in 2021. The total research income 17.524.621,24 TL which is distributed among the STEM, Medicine and social sciences fields as 6.123.284,62 TL, 2.914.051,54 TL, and 8.487.285,17 TL, respectively.

To promote an inclusive research environment, students from all programs; are attending applied research which led or is financed by industry partners, and government agencies. NGOs and local government authorities are essential participants "in mind then in market" journey. Considering that local and national market integration is not enough for sustainable innovative and tech-based commercialization, BAU established BAU Belgium Innovation and Entrepreneurship Center to foster internationalization and serve as a gate to European market.

With a strong customized entrepreneurship framework in BAU, in order to be in line with SDG9, the process encourage start-ups, spin-offs, and Hub team to constantly exploration for funding, investment, and clients. By adopting the venture client model as the corporate culture, priority is given to BAU start-ups in the supply of innovative products and services. In 2021; among registered 44 startups (32 of them owned by students and alumni) and spin-offs (14 of them owned by faculty members), BAU has been client of more than 10. In early-stage incorporation rate is %80 in BAU Hub pre-incubation center, within 2021, five of them have raised total 33.749.743 TL.