ENGINEERING ACCREDITATION COMMISSION

Summary of Accreditation Actions

2021–2022 Accreditation Cycle

Universidad Nacional de San Agustin
Arequipa, Peru

Systems Engineering (Bachelor)

Accredit to September 30, 2028. A request to ABET by January 31, 2027 will be required to initiate a reaccreditation evaluation visit. In preparation for the visit, a Self-Study Report must be submitted to ABET by July 1, 2027. The reaccreditation evaluation will be a comprehensive general review.

This is a newly accredited program. Please note that this accreditation action extends retroactively from October 1, 2018.

ABET

ENGINEERING ACCREDITATION COMMISSION

UNIVERSIDAD NACIONAL DE SAN AGUSTIN

AREQUIPA, PERU

FINAL STATEMENT OF ACCREDITATION

2021-22 ACCREDITATION CYCLE

UNIVERSIDAD NACIONAL DE SAN AGUSTIN

Arequipa, Peru

ABET ENGINEERING ACCREDITATION COMMISSION

FINAL STATEMENT

VISIT DATES: OCTOBER 10-12, 2021
ACCREDITATION CYCLE CRITERIA: 2021-2022

INTRODUCTION & DISCUSSION OF STATEMENT CONSTRUCT

The Engineering Accreditation Commission (EAC) of ABET has evaluated the Systems Engineering (Bachelor) program at Universidad Nacional de San Agustin for initial accreditation.

The statement that follows consists of two parts: the first addresses the institution and its overall educational unit, and the second addresses the individual programs.

A program's accreditation action is based upon the findings summarized in this statement. Actions depend on the program's range of compliance or non-compliance with the criteria. This range can be construed from the following terminology:

- **Deficiency** A deficiency indicates that a criterion, policy, or procedure is not satisfied. Therefore, the program is not in compliance with the criterion, policy, or procedure.

- **Weakness** A weakness indicates that a program lacks the strength of compliance with a criterion, policy, or procedure to ensure that the quality of the program will not be compromised. Therefore, remedial action is required to strengthen compliance with the criterion, policy, or procedure prior to the next review.

- **Concern** A concern indicates that a program currently satisfies a criterion, policy, or procedure; however, the potential exists for the situation to change such that the criterion, policy, or procedure may not be satisfied.

- **Observation** An observation is a comment or suggestion that does not relate directly to the current accreditation action but is offered to assist the institution in its continuing efforts to improve its programs.

INFORMATION RECEIVED AFTER THE REVIEW

- **Seven-Day Response** Information was received in the seven-day response period relative to the Institutional Summary and Systems Engineering (Bachelor) program.

- **30- Day Due- Process Response** No information was received in the 30- day due- process response period.

INSTITUTIONAL SUMMARY

Universidad Nacional de San Agustin, a government-funded institution, is composed of 18 colleges including the College of Production and Services Engineering. At the time of the review, the institution enrolled about 26,500 students supported by 1,420 faculty members and 1,140 staff members. In fall 2021, the College of Production and Services Engineering enrolled 3,586 students supported by 164 faculty members.

The following units were reviewed and found to provide adequate support to the engineering program: computer center, mathematics, physics, career services, assessment office, library, admissions, and registration.

Seven-Day Response

The EAC acknowledges receipt of information clarifying the name of one of the colleges cited in the exit statement.

INSTITUTIONAL STRENGTHS

1. The Peruvian government provides funds from the mining industry to support and enhance the institution's research activities. These funds support programs that align well with the institution's mission to impact the social and economic development of the region. One notable example is the recently established Arequipa Nexus Institute for Sustainable Food, Energy, Water, and the Environment (in collaboration with Purdue University) that provides research and training opportunities for faculty and students while addressing challenges in watershed management, environmental issues, and agricultural innovation in the region.

2. The institution has adopted an educational model that uses assessment and continuous improvement processes in all programs throughout the university. The university-wide effort for continuous improvement highlights the institutional priority to enhance the academic quality of the programs through effective assessment processes.

Systems Engineering

Bachelor Program

Evaluated under EAC Program Criteria for
Systems and Similarly Named Engineering Programs

INTRODUCTION

The Systems Engineering (Bachelor) program, housed in the College of Production and Services Engineering, was created in February 1995 and had its first graduate in 2000. In fall 2021, the program enrolled 462 students supported by 28 faculty members and five professional staff members who advise students. The program produced 15 graduates in the 2020-21 academic year. This is the initial evaluation of the program by the EAC.

The initial request for ABET accreditation was made in 2020, but was delayed by ABET until 2021 as a result of COVID-19 disruptions. As a result, the program availed itself of the opportunity to take advantage of the ABET Board-approved policy exception for this situation and request three years of retroactive accreditation.

Seven-Day Response

The EAC acknowledges receipt of information concerning the number of graduates. The draft statement reflects the correction.

No deficiencies, weaknesses, or concerns were found.