



PROSPECTUS

CIVIL ENGINEERING
ENGINEERING FACULTY
MUHAMMADIYAH UNIVERSITY OF SUMATERA BARAT



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UM Sumatera Barat

STUDY PROGRAM PROFILE

The Civil Engineering Study Program, Faculty of Engineering, Muhammadiyah University of Sumatera Barat currently manages the Undergraduate Civil Engineering Study Program (S-1 Civil Engineering). Based on the Decree of the Minister of Education and Culture of the Republic of Indonesia, it was granted Registered Status for Mechanical Engineering, Civil Engineering and Electrical Engineering. In 2010 the Civil Engineering Study Program received a Decree on the Establishment of the Undergraduate Program (S1) for the Civil Engineering Study Program FT UMSB No.1458/D/T/K-X2010. In 2021 the accreditation of the Civil Engineering Study Program will receive B accreditation from BAN-PT with SK 13888/SK/BAN-PT/Ak-PPJ/S/XII/2021.

VISION AND MISSION

Vission

Excellent study program in modern civil engineering design with environmental insight and local wisdom based on Islamic values, in 2025.

Mission

1. Implement and develop Tridharma higher education
2. Contribute to civil-engineering technology that is environmentally sound according to the times by paying attention to local wisdom based on Islamic values.
3. Implement and develop cooperation with other higher education institutions, local governments, and construction services.



LABORATORY AND PRACTICUM FACILITIES

1. Soil Mechanics Laboratory
2. Concrete and Materials Laboratory
3. Soil Measurement Laboratory
4. Computer and Design Laboratory
5. Fluid Mechanics and Hydraulics Laboratory
6. Road Pavement Laboratory



GRADUATE PROFILE

The Civil Engineering Study Program is to become (a) a Muslim scholar who has faith and piety, (b) is able to adapt to the environment both within and outside the field of science, (c) is able to develop a career (rank and position) and continue his studies to a higher level (Masters and Doctors), (d) have qualifications and scientific competence in the civil field in accordance with the vision and mission of the study program. For this reason, the courses that are directly related to the main competencies are the following courses:

- | | | |
|-----------------------|------------------------------|-------------------------|
| a. Soil mechanics | e. Foundation Design. | h. Budget plan |
| b. Concrete Structure | f. Roads and Transportation. | i. Project management |
| c. Steel Structure | g. Irrigation and waterworks | j. Engineering drawing. |
| d. Structure Analysis | | |

LECTURER STAFF



Ir. Mulyadi, M.T.

Architecture



Febrimen Herista, S.T., M.T.

Construction Management



Ir. Surya Eka Priana, M.T.

Construction Management



Masril, S.T., M.T.

Construction Management

LECTURER STAFF



JON HAFNIL, S.T., M.T.

Disaster Risk Management



ZUHELLDI, S.T., M.T.

Disaster Risk Management



YORIZAL PUTRA, S.T., M.T.

Geotechnical Engineering



DRS. SUHARDI, M.AG.

Islamic Religion and Muhammadiyah

LECTURER STAFF



ADE USRA BERLI, S.SI., M.SI.

Physics



DEDDY KURNIAWAN, S.T., M.T.

Risk Management



ASIYA NURHASANAH HABIRUN, S.ST., M.ENG.

Structural Engineering



ELFANIA BASTIAN, S.T., M.T.

Structural Engineering

LECTURER STAFF



ENDRI, S.T., M.T.
Transportation



HELGA YERMADONA, S.Pd., M.T.
Transportation



ISHAK, S.T., M.T.
Transportation



GUSMULYANI, S.T., M.T.
Transportation

LECTURER STAFF



Ir. ANA SUSANTI YUSMAN, M.ENG.

Water Resources Development



SELPA DEWI, S.T., M.T.

Water Resources Development