

WHY CHOOSE SEN?

- Basic knowledge of natural resources based on the needs of industry and technology
- The teaching and learning techniques are student-centered and emphasize biological diversity of flora and fauna which incorporate the latest technological elements for natural resource management
- Able to apply and practice the theory and techniques learned in the real work environment"

TESTIMONIES

“ A fun program because you can explore the forest and much more so you can learn the meaning of natural beauty.”

En. Solehuddin Mohd Zainol

“ SEN is a course that exposes students to flora, fauna, remote sensing and GIS.”

En. Fakhrul Mohd Fikal

“ I never thought I would enjoy studying this course.”

Cik Zarith Sufiani Baharom



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- ① SEN.FSB
- ② natureexplorers.umk
- ③ sen.fsb



UNIVERSITI
MALAYSIA
KELANTAN



**BACHELOR OF APPLIED SCIENCE
(NATURAL RESOURCES SCIENCE)
WITH HONOURS**

FACULTY OF EARTH SCIENCE

KEUSAHAWANAN TERAS KAMI • ENTREPRENEURSHIP IS OUR THRUST



BACKGROUND

The Natural Resource Science (SEN) program is a degree program of its kind in Malaysia that combines elements of flora, fauna and genetics and adapts the latest technological elements related to natural resource management for ecological, economic and social balance and ensures that the wealth of natural resources is maintained. Graduates will have a comprehensive understanding and technological skills by combining an understanding of biodiversity, innovation and holistic natural resource management policies.

COURSES OFFERED

- Biological Diversity
- Microbiology and Biochemistry in Applied Science
- Genetics and Molecular Biology
- Plant and Animal Systematics
- Ecology of Natural Resources
- Economics in Natural Resource Management
- Statistics For Ecological Assessment
- In-Situ and Ex-Situ Conservation and Management
- Ecological Modeling
- SEN @ Industry

CAREER PROSPECTS

- Officials of the Ministry of Natural Resources and Environment
- Environment Department Officer
- Conservation/ Wildlife Officer
- Agriculture officer
- Science officer
- Lecturer
- Agricultural Parks Operator
- Geopark Park Operator
- Botanist
- Entrepreneur in Natural Resource Management
- Entrepreneur in the field of Eco-Tourism
- Landscape Design



DURATION OF STUDY 8 SEMESTERS (4 YEARS)

ADMISSION REQUIREMENT

STPM SCIENCE STREAM

Get a minimum CGPA of 2.00; And Get a minimum Grade C at STPM level in any one (1) of the following subjects: Chemistry/ Biology/ Physics/ Mathematics (T)/ Mathematics (M)/ Geography/ Information and Communications Technology (ICT)/ Business Studies/ Accounting/ Economics

STPM LITERARY STREAM

Get a minimum CGPA of 2.5; And Get a minimum Grade C at STPM level in any one (1) of the following subjects: Mathematics (T)/ Mathematics (M)/ Geography/ Business Studies/ Accounting/ Economics; And Get a minimum Grade C- at the SPM level in any one (1) of the following subjects: Chemistry/ Biology/ Physics; Or Minimum Grade B at SPM level in any one (1) of the following subjects: Science/ Additional Science/ Mathematics/ Additional Mathematics

STAM

Obtain a minimum rank of Jayyid Jiddan in the Malaysian Higher Religious Certificate Examination (STAM); And Get a minimum Grade C at SPM level in any ONE (1) of the following subjects: Biology/ Physics/ Chemistry/ Mathematics

MATRICULATION/ FOUNDATION

Get a minimum CGPA of 2.00; And Get a minimum Grade C at Matriculation/ Foundation level in any ONE (1) of the following subjects: Biology/ Physics/ Chemistry/ Mathematics/ Physics (Engineering)/ Chemistry (Engineering)/ Fundamentals of Engineering/ Accounting/ Business Management/ Economics

DIPLOMA

Get a minimum CGPA of 2.50; And Possess a Diploma in a related field from an Institution recognized by the government, MQA and certified by the UMK Senate; Or Possess other qualifications recognized as equivalent by the Malaysian Government and certified by the UMK Senate;

GENERAL CONDITIONS

Get a minimum of Level 2 (Band 2) in the Malaysian University English Test (MUET)