Marine Geology

The State Key Laboratory of Estuarine and Coastal Research (SKLEC) is originated from the Estuarine Research Institute established in 1957. SKLEC has been strongly involved in providing solutions to resolve theoretical and practical problems encountered in the very diverse and large-scale coastal developments in China, such as the first national comprehensive survey on coastal resources, the construction of harbors and ports, channel regulations, the restoration of coastal wetlands and the implementation of engineering structures. While serving the national needs, SKLEC continues to promote the development of Earth Sciences, with increasing influence home and abroad. SKLEC not only contributes to solve the sustainable development problems in China, but also provides the support for the global estuarine and coastal regions. Over the last decades, SKLEC has adopted and promoted an atmosphere of being “Open to Collaboration, Exchange of Experience, Unity in Performance and Open to Competition”. This has been and will continue to be the basis of SKLEC.

Marine geology specializes in geomorphology, sedimentology, geochemistry and geophysics of the sea-land interface and continental margins, with time scales concentrated in the Quaternary period, focusing on Holocene and modern processes. The research involves Quaternary climate and sea surface changes, sedimentary processes and products of marginal seas, geomorphologic evolution and sedimentary records of Holocene large river deltas, human activities and evolution of coastal environments, sea-land interactions and environmental geology and neotectonic activities. The program closely focuses on the source-sink process of China's marginal seas, uses borehole analysis and shallow stratigraphic exploration to carry out high-resolution stratigraphic and sedimentary phase studies, and reconstructs the evolutionary history of the depositional environment of the continental margins based on chronostratigraphy and environmental proxies. The program takes the sedimentary system of the Great River Delta as its research feature, takes a global perspective as the basic starting point for academic training, emphasizes on-site observation, and stresses the response mechanism of dynamics and geomorphology/sedimentation.

Campus	Minhang Campus	**Degree**	Master's Degree in Science
Length (year)	3 Years	**Tuition**	28000RMB/Year
Instruction Language	English / Chinese	**Application Language Requirement**	Chinese -taught Programs: HSK5 级≥180 English-taught Programs: IELTS≥6.0 / TOEFL≥80 / Cambridge English≥B2

Classes Open to International Students Only		NO	
Graduation Requirement	Complete the required credit courses and pass the thesis defense		

Major Courses

Primarily engaged in scientific research and teaching in higher education institutions, research organizations, etc., as well as relevant policy formulation and analysis work in government departments.

After Graduation

Primarily engaged in scientific research and teaching in higher education institutions, research organizations, etc., as well as relevant policy formulation and analysis work in government departments.

Scholarship

Chinese Government Scholarship

Shanghai Government Scholarship

Application Contact

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