

Harbor, Coastal and Offshore Engineering

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.

The program is oriented to the problems of hydrodynamics, sediment transport, topographic evolution, ecological environment protection, environmental impact assessment, and design of coastal structures in ports, waterways and related coastal engineering in estuarine and coastal regions, through a series of knowledge transfer and engineering practice, including port and coastal engineering design, coastal processes, research design methodology, marine renewable energy, and assessment of the impacts of resources in the coastal zone, by adopting in-situ observation, numerical simulation, physical model testing and other comprehensive means to carry out innovative research and technology development, and to apply these knowledge and skills in China's port, coastal and offshore engineering practices, including transportation and shipping, agriculture and irrigation, coastal city construction, marine resource exploration and development, environmental protection, and other engineering planning, design, construction, and operation and management. practical

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