Marine Chemistry

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 Chemistry is a specialty of this degree program and an important growth and innovation point of the Institute of Estuarine and Coastal Sciences in recent years, which was approved to enroll M.S. students in Marine Chemistry in 2003, and has already cultivated and sent a number of professionals to the country. This research direction carries out related researches at home and abroad with an open attitude, based on the estuary, facing the offshore of China, and actively carries out the research on the scientific problems related to ocean chemistry and biogeochemistry from the basin to the estuarine-shelf; in recent years, on the basis of focusing on the input from the river in the past, we have broadened our focus on the atmospheric depositionv and the discharge of the Submarine Groundwater Discharge(SGD), and conduct systematic studies on the fluxes of these three inputs to the sea and their biogeochemical processes and environmental effects in estuaries and offshore.

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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