

<b>Materials Science and Engineering (Master's and Doctoral program)</b>
<b>School of Materials Science and Engineering, Zhejiang University</b> <a href="http://mse.zju.edu.cn">http://mse.zju.edu.cn</a>
<b>Introduction</b>
<p>The School of Materials Science and Engineering at Zhejiang University is one of the earliest institutes devoted to research and education in materials science and engineering in China. Its discipline of materials science and engineering is a state key first-level discipline, including the second-level disciplines of materials science, materials physics &amp; chemistry and materials processing engineering. The School of Materials Science and Engineering consists of five institutes and one center, which are Semiconductor Materials Institute, Metal Materials Institute, Inorganic Nonmetallic Materials Institute, Materials Physics Institute, Institute of Composite Science Innovation, and the Center of Electron Microscopy. The School also hosts a series of high-level research platforms, including the State Key Laboratory of Silicon Materials, the Research Center of Ministry of Education for Inorganic Functional Materials for Surface and Structure Modification, the Provincial Electron Microscopy Centre, the Key Laboratory of Advanced Materials and Applications for Batteries of Zhejiang Province, and the Key Laboratory of Novel Information Materials Technology of Zhejiang Province.</p> <p>The School endeavors to target the international scientific frontier and devotes itself to the application-oriented fundamental research and engineering technology development in the fields of materials micro- and nano-structures, information materials, energy materials, advanced structural materials and biomedical materials.</p> <p>For the subject of materials science, the School was ranked No.13th among all the universities in the world according to the essential science indicator (ESI) report in Jan.2017.</p>
<b>Research Fields:</b>
<p>Silicon Materials</p> <p>Semiconductor Thin Films (ZnO,SiGe,GaN)</p> <p>Composite Optical Materials</p> <p>Organic Optoelectronic Materials</p> <p>Thermoelectric Materials</p> <p>Dielectric Ceramics</p> <p>Biological Ceramics</p> <p>Hydrogen-Storage Alloys</p> <p>Ni-MH and Li-Ion Batteries</p> <p>Nano-Bulk Metals, Oxide Nano-Powders, Carbon Nano-tubes</p> <p>Special Metals, Rear Metals</p> <p>Ceramics, Cements, Glasses</p>

Magnetic Materials

Microstructures of Materials

Polymers Materials