

Establishment of a new department of natural sciences in a university

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Most of Japanese private universities has no department of earth sciences. It is difficult to make a new department of earth sciences in a university as employment opportunities so restricted in earth science field that most of university hesitate to establish.

Tokyo City University(TCU), changed from Musashi Institute of Technology, has the Department of Natural Sciences in Faculty of Knowledge Engineering from 2009, the department contains 3 courses of molecular science, biological science, and earth science. First students of the department graduate in March 2013, includes 10 students of earth science course graduated.

The author will explain how to make a new department of natural sciences in a traditional engineering oriented university, and importance of getting a big picture of nature, with training of fieldworks and studying fundamental sciences. It will be a hint to make earth science more familiar to our society, to make school teachers and curators who trained fieldworks, the essence of earth science, and analytical methods, multi-media literacy.

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