



Education for „The Future Ocean“: Kiel Marine Sciences

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Marine sciences is a dynamic thematic focus of the University of Kiel, Germany, uniting natural scientists, economists, lawyers, computing and medical scientists in frontier research into the scientific, economic and legal aspects of the seas.

Marine science education in Kiel is largely research-driven, and focuses on training the next generation of scientists to investigate the role of the oceans in global change, resources and risks arising from the use of the oceans and sustainable management of living and non-living resources. Basic fundamental research is supplemented with applied science in a national and international framework that includes partners from industry and public life.

The PhD Programme of the Integrated School of Ocean Sciences (ISOS) focuses on interdisciplinary education outside of curricular courses. It offers supplementary training, a framework of supervision, mentoring and mobility for doctoral candidates. At the ISOS, students sharpen their scientific profile, are challenged to think beyond their discipline and to equip themselves for life after a PhD. Over 130 PhD candidates from 5 faculties participate in the PhD programme, forming a large interdisciplinary network across disciplines. The focus at the ISOS is on providing tangible benefit to the individual PhD, through early exposure to topics beyond research such as social responsibility, public communication, global sustainability etc. Input to the programme by senior cluster members, alumni and persons from industry and public life encourage PhD candidates to form early networks and set their goals for life after the doctorate.