

Department of Marine Biotechnology

The Marine Biotechnology department aim to acquire basic acknowledges including genetic, physiology, ecology, nutritional physiology and marine biochemistry and applications in industry fields. The curriculum consists of environmental toxicology, breeding, functional feed, advanced materials engineering and fish immunology. Thesis Writing and practice are required to pursue major requirements. Some graduates attended go on to graduate schools for their academic endeavor. Others take the pivotal roles in public and private research institutes and industrial sectors.

Information

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Professor Introduction

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Jeon, Joong Kyun	Marine Bioactive Substances, Environmental Toxicology	+82-33-640 -2412	jkjeon@gwnu.ac.kr
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Curriculum

Course Code	Course Title	Credit
553.501	Seminar I	1-0-0
553.502	Seminar II	1-0-0
553.503	Seminar III	1-0-0
553.506	Seminar IV	1-0-0
553.507	Seminar V	1-0-0
553.508	Seminar VI	1-0-0
553.509	Seminar VII	1-0-0
553.510	Experimental Statistical Analysis	3-0-0
553.612	Advanced Environmental Biochemistry I	3-0-0
553.613	Advanced Environmental Biochemistry II	3-0-0
553.614	Nutritional Physiology	3-0-0
553.617	Animal Genetics	3-0-0
553.618	Advanced Cytogenetics	3-0-0
553.619	Biological Engineering	3-0-0
553.620	Animal Breeding	3-0-0
553.624	Advanced Crustacea	3-0-0
553.650	Advanced Fisheries Resources	3-0-0
553.654	Fish Feed	3-0-0
553.655	Shrimp Feed	3-0-0
553.657	Aquaculture Engineering	3-0-0
553.658	Advanced Toxicological Biochemistry	3-0-0
553.662	Advanced Genetic Engineering	3-0-0
553.666	Advanced Marine Ecology	3-0-0
553.688	Advanced Immunology	3-0-0
553.689	Advanced Marine Animal Immunology	3-0-0
553.690	Molecular Immunology	3-0-0
553.691	Recombinant Gene Technology	3-0-0
553.692	Advanced Molecular Biology	3-0-0
553.693	Advanced Marine Biochemistry I	3-0-0
553.694	Advanced Marine Biochemistry II	3-0-0
553.695	Advanced Enzymology	3-0-0
553.696	Advanced Bioactive Materials	3-0-0
553.697	Advanced Protein Chemistry	3-0-0
553.704	Advanced Membrane Separation Engineering	3-0-0
553.705	Advanced Culture Engineering	3-0-0