

Department of Marine Molecular Bioscience

The Department of Marine Molecular Bioscience was single-established separation in 2015, and the Master's course was established to provide a foundation for academic development by studying the application of knowledge acquired in theory and practice to reality through in-depth academic polishing.

The Marine Molecular Bioscience department is focusing on the development of human resources that understands the function of the cell and biomolecule, and study mechanism of living things with creativity. The Marine Molecular Bioscience aims to develop professionals who will create new fields of Marine molecular biology, Developmental biology, Molecular endocrinology, Marine biotechnology, and Pharmaco-immunology.

Information

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Professor Introduction

NAME	MAJOR	TELEPHONE	E-MAIL
Jin, Deuk Hee	Generic Biochemistry, Marine Molecular Biology	+82-33-640-2413	dhjin@gwnu.ac.kr

NAME	MAJOR	TELEPHONE	E-MAIL
Kim, Gil jung	Developmental Biology, Cell Biology	+82-33-640-2415	gjkim@gwnu.ac.kr
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Joo, Seong Soo	Pharmaco-Immunology, Biopharmaceutical Entities	+82-33-640-2856	ssj66@gwnu.ac.kr

Curriculum

Course Code	Course Title	Credit
581.501	Seminar I	1-1-0
581.502	Seminar II	1-1-0
581.503	Seminar III	1-1-0
581.504	Seminar IV	1-1-0
581.505	Seminar V	1-1-0
581.506	Seminar VI	1-1-0
581.61	Advanced Molecular Biology	3-3-0
553.661	Advanced Marine Genetic Biochemistry	3-3-0
581.611	Advanced Genetic Engineering	3-3-0
581.612	Lectures on Gene Regulation	3-3-0
581.613	Advanced Gene Manipulation	3-3-0
553.663	Lectures on Mutation Research	3-3-0
553.679	Advanced Cell Biology	3-3-0
581.631	Advanced Developmental Biology	3-3-0
553.672	Advanced Protein Engineering	3-3-0
553.673	Advanced Biological Sciences	3-3-0
581.614	Advanced Developmental Genetics	3-3-0
581.615	Cell Differentiation	3-3-0
581.616	Aquatic Animal Physiology	3-3-0
553.651	Fish Endocrinology	3-3-0

553.664	Lectures on Gene Expression	3-3-0
553.675	Advanced Molecular Endocrinology	3-3-0
581.617	Advanced Bioinformatics	3-3-0
581.618	Algae Biotechnology	3-3-0
581.62	Current Topic Biochemistry	3-3-0
581.621	Advanced Marine Biotechnology	3-3-0
581.622	Advanced Marine Biologically Active Substances	3-3-0
581.628	Marine Biochemistry I	3-3-0
581.629	Marine Biochemistry II	3-3-0
581.63	Advanced algae Biotechnology	3-3-0
581.624	Signal Pathways of Immune Cells	3-3-0
573.601	Lectures on Immunotoxicology	3-3-0
581.626	Development of Biopharmaceutical Sources	3-3-0
581.627	Efficacy and Evaluation of Bio-sources	3-3-0
581.632	Topics of Biomedical Statistics	3-3-0
581.633	Topics of Cell Culture	3-3-0
581.634	Topics in laboratory animal science	3-3-0