

Wellness Bio-Industrial Department

The wellness bio-industrial department is a special purpose-oriented department that aims to enhance the competitiveness of SMEs by contributing to the vitalization of the bio-industry and fostering professional research personnel. This is a conditional contract course for recruitment of general graduate programs.

Information

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Curriculum

Course Code	Course Title	Credit
BIO.501	Advanced chemistry	2-0-0
BIO.502	Advanced biology	2-0-0
BIO.503	Biological statistical analysis	2-0-0
BIO.504	Seminar 1	1-0-0
BIO.505	Seminar 2	1-0-0
BIO.506	Seminar 3	1-0-0
BIO.507	Project practices 1	0-4-0
BIO.508	Project practices 2	0-4-0
BIO.509	On-site practices 1	0-8-0
BIO.510	On-site practices 2	0-8-0
BIO.601	Carbohydrate chemistry	3-0-0
BIO.602	Lectures on advanced bioprocess design	3-0-0
BIO.603	Biomass of microalgae	3-0-0
BIO.604	Lectures on immunotechnology	3-0-0
BIO.605	Advanced Ecological Engineering	3-0-0
BIO.606	Advanced good manufacturing practice	3-0-0
BIO.607	Fundamental feed technology	3-0-0
BIO.608	Molecular cell biology	3-0-0
BIO.609	Marine biomaterials technology	3-0-0
BIO.610	Lectures on medicine and pharmacology	3-0-0
BIO.611	Advanced food genetic engineering	3-0-0

BIO.612	Advanced food biological activity	3-0-0
BIO.613	Advanced Cosmeceuticals	3-0-0
BIO.614	Lectures on advanced food rheology and experiment	0-6-0
BIO.615	Natural compounds chemistry	0-6-0
BIO.616	Advanced food safety	0-6-0
BIO.617	Advanced food microbiology	0-6-0
BIO.618	Advanced food sanitation	0-6-0
BIO.619	Culture of plankton	3-0-0
BIO.620	Lectures on antibody technology	3-0-0
BIO.621	Advanced satellite oceanography	3-0-0
BIO.622	Basic endocrinology	0-6-0
BIO.623	Lectures on cell culture and manipulation	0-6-0
BIO.624	Advanced food microbiology	3-0-0
BIO.625	Advanced Hazard Analysis Critical Control Point	3-0-0