

A single year

The courses of the options Applied biology and Biotechnology management will be given in Liège, those of the option Biotechnology will be given in Gembloux.

For any information, contact :

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Compulsory courses

STFE2000-1	<i>Final work</i> - COLLÉGIALITÉ	-	-	-	28
BIOC2000-1	<i>Industrial processes of purification</i> - N...	13	-	-	2

Optional courses

Choose one option from the following :

Option Applied Biology (ULg)

Prerequisite IMM0521-1 Immunologie
BIOC0001-1 Génétique, biologie moléculaire et chimie des macromolécules

Microbiology

MICR0711-1	<i>Microbiology</i>	TA			6
	- <i>Part 1 : Algology and mycology</i> - Denis BAURAIN	20	10	-	
	- <i>Part 2 : Bacteriology</i> - Bernard JORIS	20	10	-	
	- <i>Part 3 : Virology</i> - Jacques PIETTE	20	10	-	
CHIM0059-7	<i>Industrial Microbiology</i> - Patrick FICKERS	15	15	-	2

Genetic engineering

GENE2000-1	<i>Genetic engineering of bacteria</i> - Alain BRANS	15	-	-	2
GENE2001-1	<i>Genetic engineering of yeast</i>	10	-	-	2
GENE2002-1	<i>Genetic engineering of animal cells</i> - Franck DEQUIEDT	15	-	-	2
GENE2003-1	<i>Plant genetic engineering</i> - Jacques DOMMES	Q1	15	-	2
GENE2004-1	<i>Practical course in genetic engineering</i> - Claire REMACLE, Ingrid STRUMAN	TA	-	40	2

Pharmacology, Vaccinology and Diagnosis

PHAC2000-1	<i>Molecular Pharmacology</i> - Julien HANSON	12	-	-	2
BIOC2001-1	<i>Biomolecular techniques applied to diagnosis</i> - Jacques PONCIN	16	-	-	2
VETE0046-2	<i>Veterinary vaccinology, immunopathology</i> - Laurent GILLET	Q1	15	-	2

Choose one of the following courses :

DROI0174-2	<i>Commercial law</i> - Frédéric DAERDEN, Laurent STAS DE RICHELLE	TA	45	-	6
FINA0067-1	<i>Finance and Accounting</i> - Wilfried NIESSEN - Suppl : Giuseppina CAPODICI, Véronique RIFFON	TA	60	25	6
GEST0232-5	<i>Marketing principles</i> - Chantal DE MOERLOOSE	Q1	50	-	6

Option : Biotechnologies Management (ULg)

Prerequisite BIOC0001-1 Génétique, biologie moléculaire et chimie des macromolécules
IMMU0521-1 Immunologie
MICR0711-1 Microbiologie

Law and Economy

DROI0174-2	<i>Commercial law</i> - Frédéric DAERDEN, Laurent STAS DE RICHELLE	TA	45	-	6
FINA0067-1	<i>Finance and Accounting</i> - Wilfried NIESSEN - Suppl : Giuseppina CAPODICI, Véronique RIFFON	TA	60	25	6
GEST0232-5	<i>Marketing principles</i> - Chantal DE MOERLOOSE	Q1	50	-	6

Choose courses totalling 12 ECTS from the following :

CHIM0059-7	<i>Industrial Microbiology</i> - Patrick FICKERS	15	15	-	2
GENE2000-1	<i>Genetic engineering of bacteria</i> - Alain BRANS	15	-	-	2
GENE2001-1	<i>Genetic engineering of yeast</i>	10	-	-	2

GENE2002-1	<i>Genetic engineering of animal cells</i> - Franck DEQUIEDT		15	-	-	2
GENE2003-1	<i>Plant genetic engineering</i> - Jacques DOMMES	Q1	15	-	-	2
PHAC2000-1	<i>Molecular Pharmacology</i> - Julien HANSON		12	-	-	2
GEST0832-4	<i>Financial Markets</i> - Georges HÜBNER, Georges HÜBNER, Danielle SOUGNÉ	Q1	40	15	-	6
GEST3002-1	<i>Human Resources</i> - Jocelyne ROBERT	Q1	24	-	-	4
FINA0001-1	<i>Financial statement analysis and financing an enterprise</i> - Jacques BERWART	Q2	45	-	-	5
LOGI0011-1	<i>Supply Chain Management</i> - Sabine LIMBOURG	Q1	45	-	-	5
GRHO0001-4	<i>Strategic Human Resources Management</i> - François PICHAULT	Q1	45	-	-	4
GEST0233-1	<i>Marketing : Concepts and Decision Making (english language)</i> - Jean TONDEUR	Q2	45	-	-	4
FINA0008-2	<i>Organizational Risk and Performance Management (english language)</i> - Didier VAN CAILLIE	Q2	30	-	-	4
GEST0006-1	<i>Introduction to entrepreneurship</i> - Bernard SURLEMONT		30	-	-	4
GENE2004-1	<i>Practical course in genetic engineering</i> - Claire REMACLE, Ingrid STRUMANTA		-	40	-	2

Option : Biotechnology (GxABT)

Biotechnology

CHIB0001-1	<i>Molecular genetics</i> - Micheline VANDENBOL	Q1	15	15	-	3
BIOI0002-1	<i>Fermentation and extraction factories, 1st part</i> - Philippe JACQUES		24	24	-	4
CHIB0002-1	<i>Molecular biotechnology</i> - JeanClaude TWIZERE		24	-	-	3
VEGE0006-1	<i>In vitro culture of plan tissue</i> - Philippe LEPOIVRE - [5h SEM, 4h FT]		10	5	[+]	2

Chemistry, Biology

ANIM0003-1	<i>Immunology and immunochemistry</i> - Daniel PORTETELLE	Q2	12	12	-	2
CHIB0003-1	<i>Analysis and synthesis techniques of macromolecules (biochemistry and immunology)</i> - Daniel PORTETELLE	Q2	24	-	-	2
CHIB0004-1	<i>Analysis techniques of natural macromolecules</i> - Magali DELEU	TA	24	-	-	2

Economy, management

GEST3016-1	<i>Management</i> - Philippe LEBAILLY	Q1	24	-	-	2
AGRO0017-1	<i>Biotechnology valorisation</i> - N...		15	-	-	2
AGRO0018-1	<i>Office automation</i> - N...		15	-	-	2

Choose one module from :

Animal Biotechnology

CHIB0005-1	<i>Molecular endocrinology</i> - Robert RENAVILLE	Q1	15	-	-	2
CHIB0006-1	<i>In vitro culture techniques (animal cells)</i> - Daniel PORTETELLE	Q1	15	-	-	2
CHIB0007-1	<i>Genetic modifications of animal cells</i> - Luc WILLEMS	TA	15	-	-	2

Plant Biotechnology

VEGE0029-1	<i>Genetic modifications of plant cells</i> - Patrick DU JARDIN		15	-	-	2
AGRO0019-1	<i>In vitro culture techniques (plants)</i> - Philippe LEPOIVRE		15	-	-	2
CHIB0008-1	<i>Molecular basis of plant hormones action</i> - Bernard WATILLON		15	-	-	2

Industrial microbiology

BIOT0001-1	<i>Microbial and enzymatic technologies</i> - N...		30	-	-	4
BIOL2001-1	<i>Specific traits of biochemical engineering applied to industrial biology</i> - N...		7	-	-	1
CHIB0009-1	<i>Special issues of physical chemistry applied to industrial microbiology</i> - Aurore RICHEL	TA	8	-	-	1