

**Block view of the study programme**

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**Block 1**
**Compulsory courses**

BIOC0726-1	<i>Toolbox: nucleic acid analysis techniques</i> - Denis BAURAIN, Franck DEQUIEDT, Marc HANIKENNE, Patrick MEYER - [4h AUTR]	Q1	24	12	[+]	3
BIOC0727-1	<i>Boîte à Outils : Imagerie et modèles expérimentaux</i> - Frédéric BOUCHÉ, Grégory FETTWEIS, N..., N..., Sandra ORMENESE, Loïc QUINTON, Nicolas THELEN, Pierre TOCQUIN, Marianne VOZ - [15h AUTR]	Q1	23	-	[+]	3
BIOC0728-1	<i>Toolbox: protein analysis techniques</i> - Christian DAMBLON, Mireille DUMOULIN, André MATAGNE, N..., Marylène VANDEVENNE - [20h AUTR]	Q2	20	-	[+]	3
BIOC0729-1	<i>Adaptation, Evolution et Diversité</i> - Denis BAURAIN, Franck DEQUIEDT, Tom DRUET, Moreno GALLEN, Marc HANIKENNE, Alice MOUTON, N..., N..., Claire REMACLE, Catherine SADZOT - [17h AUTR]	Q1	38	7	[+]	5
BIOC0730-1	<i>Développement, de la cellule à l'organisme</i> - Patrick MOTTE, N..., Bernard PEERS, Claire PÉRILLEUX, Ingrid STRUMAN, Pierre TOCQUIN - [22h AUTR]	Q1	48	28	[+]	7
BIOC0731-1	<i>Responses to the environment</i> - Frédéric BOUCHÉ, Franck DEQUIEDT, Marc HANIKENNE, N..., Claire PÉRILLEUX, Sébastien RIGALI - [20h AUTR]	Q1	40	20	[+]	5
BIOC0732-1	<i>Interaction between organisms</i> - Denis BAURAIN, François BEAUFAY, Pierre CARDOL, Marielle LEBRUN, Nicolas MAGAIN, Sébastien MASSART, N..., Catherine SADZOT - [16h AUTR]	Q1	36	16	[+]	5
BIOC0733-1	<i>Boîte à outils : Biologie structurale</i> - Christian DAMBLON, Frédéric KERFF, Loïc QUINTON, Arnaud VANDEN BROECK - [8h AUTR]	Q2	24	12	[+]	3
BIOC0734-1	<i>Métabolisme</i> - Pierre CARDOL, Stéphanie HERKENNE, Sylvie LEGRAND, Patrick MEYER, N..., Claire REMACLE - [24h AUTR]	Q2	34	10	[+]	5
BIOC0735-1	<i>Biotechnologies</i> - Alain BRANS, Patrick FICKERS, Moreno GALLEN, Sylvie LEGRAND, André MATAGNE, Claire REMACLE, Mohammed TERRAK, Pierre TOCQUIN - [15h AUTR]	Q2	40	20	[+]	6
BIOC0736-1	<i>Biomedical strategies</i> - François BEAUFAY, Franck DEQUIEDT, Emmanuel DI VALENTIN, Mireille DUMOULIN, Frédéric KERFF, Sébastien RIGALI, Catherine SADZOT, Ingrid STRUMAN, Mohammed TERRAK, Marylène VANDEVENNE - [24h AUTR]	Q2	36	8	[+]	5
BIOL0034-1	<i>Ecriture scientifique, Partim A</i> - Marjorie BARDIAU, Frédéric BOUCHÉ, Pierre CARDOL, Pierre TOCQUIN - [20h AUTR]	Q2	16	-	[+]	3
SSTG0065-1	<i>Laboratory internship</i> - Denis BAURAIN, François BEAUFAY, Alain BRANS, Pierre CARDOL, Franck DEQUIEDT, Emmanuel DI VALENTIN, Mireille DUMOULIN, Grégory FETTWEIS, Moreno GALLEN, Marc HANIKENNE, Stéphanie HERKENNE, Frédéric KERFF, Marielle LEBRUN, Sylvie LEGRAND, André MATAGNE, Patrick MEYER, Johan MICHAUX, Patrick MOTTE, N..., N..., Bernard PEERS, Claire PÉRILLEUX, Claire REMACLE, Sébastien RIGALI, Catherine SADZOT, Ingrid STRUMAN, Mohammed TERRAK, Nicolas THELEN, Pierre TOCQUIN, Marianne VOZ - [6w Internship]	TA	-	-	[+]	7

**Optional free courses**

AESS0320-1	<i>Initiation to biology didactics</i> - MarieNoëlle HINDRYCKX	Q2	20	20	-	3
SBIM0486-2	<i>Methodology of animal experimentation</i> (english language) - Pierre DRION	Q1	25	10	-	3

**Only accessible to students enrolled in the Master's programme before the 2025-2026 academic year.**
**Block 2**
**Compulsory courses**

SMEM0019-1	<i>Final thesis</i> - COLLÉGIALITÉ, Claire PÉRILLEUX	TA	-	-	-	<b>27</b>
BIOL0033-1	<i>Du laboratoire à l'entreprise, Partim A</i> - Jérémie FAYS, Philippe HUBERT, Fabienne PIRON, Catherine SADZOT, Benoît VAN DRIESSCHE, Joëlle WIDART - [20h AUTR]	Q1	20	-	[+]	<b>3</b>

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### Focus compulsory courses

AESS1217-1	<i>Special didactics in biology : course and exercises (1st part)</i> - MarieNoëlle HINDRYCKX	TA	40	-	-	<b>3</b>
AESS1218-1	<i>Special didactics in biology : placements (1st part)</i> - <i>Observation placements</i> - MarieNoëlle HINDRYCKX - [10h Internship] - <i>Teaching placements</i> - MarieNoëlle HINDRYCKX - [20h Internship] - <i>Reflexive practical work</i> - MarieNoëlle HINDRYCKX	TA				<b>3</b>
					[+]	
					[+]	
				5	-	
AESS2217-1	<i>Special didactics in biology : course and exercises (part II)</i> - MarieNoëlle HINDRYCKX - [1d FW]	TA	35	-	[+]	<b>4</b>
AESS2218-1	<i>Special didactics in biology : placements (2nd part)</i> - <i>Teaching placements</i> - MarieNoëlle HINDRYCKX - [20h Internship] - <i>Reflexive practical work</i> - MarieNoëlle HINDRYCKX - <i>Extra-scholar teaching activities</i> - MarieNoëlle HINDRYCKX	TA				<b>5</b>
					[+]	
				5	-	
				10	-	
AESS0202-1	<i>General didactics: course and exercises ; observation placements ; reflexive practices</i> - Margaux NOIZET - [10h Internship]	TA	30	10	[+]	<b>4</b>
AESS0246-1	<i>Analysis of scholastic institutions and educational policies</i>	Q2	15	-	-	<b>1</b>
AESS0248-1	<i>Elements of sociology of education</i> - JeanFrançois GUILLAUME	Q2	10	-	-	<b>1</b>
AESS0004-1	<i>Media education</i>	Q2	15	-	-	<b>1</b>
AESS0249-1	<i>Interdisciplinary seminar</i>	Q2	15	-	-	<b>1</b>
AESS0140-1	<i>Professional ethics and training to neutrality and citizenship</i> - Anne HERLA	Q2	25	-	-	<b>2</b>
AESS0143-1	<i>Educational Psychology of adolescents and young adults</i>	Q1	15	-	-	<b>2</b>
AESS0339-1	<i>Understand and manage the diversity of public schools</i>	TA	10	15	-	<b>3</b>

### Bloc d'aménagement du programme de l'année

## Bridging courses Master in biochemistry and molecular and cell biology

### Compulsory courses

STAT0750-1	<i>Analyse statistique multivariée (logiciel R)</i> - Arnout VAN MESSEM	Q2	10	14	-	<b>3</b>
STAT0077-1	<i>Computing analysis and processing of biological data</i> - Patrick MEYER	Q1	25	-	-	<b>2</b>
MICR0720-1	<i>Phycology and mycology</i> - Denis BAURAIN	Q1	20	10	-	<b>3</b>
MICR0721-1	<i>Bacteriology</i> - François BEAUFAY, N...	Q1	20	10	-	<b>3</b>
MICR1716-1	<i>Virology</i> - Catherine SADZOT	Q2	20	-	-	<b>2</b>
BIOL0216-1	<i>Physiologie animale</i> - JeanChristophe PLUMIER	Q1	45	25	-	<b>6</b>
BIOL0217-1	<i>Vegetal physiology</i> - <i>Theory</i> - Claire PÉRILLEUX - <i>Practice</i> - Claire PÉRILLEUX	Q2				<b>5</b>
			35	-	-	
			-	20	-	
IMMU0521-1	<i>Immunology</i> - Catherine SADZOT	Q2	25	20	-	<b>3</b>
BIOL0868-1	<i>Biology of multicellular animal organisms</i> - Bruno FREDERICH	Q1	15	15	-	<b>3</b>
BIOL0869-1	<i>Biology of multicellular plant organisms</i> - Claire PÉRILLEUX	Q1	15	15	-	<b>3</b>

GENE9002-1	<i>Molecular biology of gene I</i> - Franck DEQUIEDT	Q1	30	-	-	<b>3</b>
GENE9003-1	<i>Molecular biology of gene II</i> - Franck DEQUIEDT - [1d Internship]	Q2	30	30	[+]	<b>6</b>
BIOC9242-2	<i>Biological macromolecules chemistry</i> - Part A - Moreno GALLEN, Loïc QUINTON - Part B - <i>Thermodynamics of biological systems</i> - Moreno GALLEN, Loïc QUINTON	Q1	40	-	-	<b>5</b>
			10	-	-	
BIOC9243-1	<i>Equilibria in biochemistry and enzyme kinetics</i> - André MATAGNE	Q2	20	40	-	<b>5</b>
BIOL0024-1	<i>Physiologie moléculaire de la cellule</i> - Patrick MOTTE	Q2	20	15	-	<b>2</b>
PHIL1227-1	<i>Philosophy and bioethics</i> - <i>Eléments de philosophie des sciences</i> - Pieter THYSSEN - <i>Bioéthique</i> - Florence CAEYMAEX, Patrick DU JARDIN, JeanStéphane GATOT, Julien HANSON, Laurent NGUYEN, Marc VANDENHEEDE	Q2	15	-	-	<b>2</b>
			15	-	-	
LANG0077-8	<i>English 2 (english language)</i> - Clara BRERETON, Ellen HARRY, Anastasia İLTUBAEVABOPELET	Q1	24	-	-	<b>2</b>
AESS0320-1	<i>Initiation to biology didactics</i> - MarieNoëlle HINDRYCKX	Q2	20	20	-	<b>2</b>