

Block view of the study programme

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Block 1
Compulsory courses

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| LANG9999-1 | <i>Mastery of the French language</i> | Q2 | 30 | - | - | 5 |
| ZENS0013-1 | <i>Teaching methodologies and learning processes</i> - Annick FAGNANT, Charlène LEROY, Bertrand MONVILLE | Q1 | 35 | - | - | 5 |
| ZENS0015-1 | <i>Professional identity, ethics, and managing critical incidents</i> - Davian BIETS, JeanFrançois GUILLAUME | Q1 | 12 | - | - | 2 |
| ZENS0014-1 | <i>Class management, class environment and specific behavioural needs</i> - Ariane BAYE, Jérémy BONNI | Q1 | 12 | - | - | 2 |
| ZENS0033-1 | <i>Teaching methodology for biology (part I)</i> - MarieNoëlle HINDRYCKX | Q1 | 18 | - | - | 3 |
| HULG9829-1 | <i>Information and communication technologies for education (ICTE)</i> - Carole DELFORGE | Q1 | 12 | - | - | 2 |
| ZENS0019-1 | <i>Media education</i> - Thomas JUNGBLUT | Q2 | 12 | - | - | 2 |
| ZENS0030-1 | <i>Évaluation et différenciation</i> - <i>Partie pédagogique</i> - Marie COLLET, Annick FAGNANT, Deborah MEUNIER, Deborah MEUNIER, Pierre OUTERS, Paul PIETQUIN, Germain SIMONS - <i>Partie didactique</i> | Q2 | 18 | - | - | 4 |
| ZENS0094-1 | <i>Introduction to research in education and teaching methodologies</i> - MarieNoëlle HINDRYCKX, Marie HOUSEN, Mickaël IDRAC, Doriane JAEGERS, Pierre LERUSSE, Grégory VOZ, Christophe WINKIN | Q2 | 30 | - | - | 5 |
| SSTG0170-1 | <i>Stage en biologie (partim I)</i> - <i>Stage d'observation et AFP</i> - Hervé BERNARD, Annick FAGNANT, Géraldine GODET, Pierre LORIAUX, Laurent MULLENS BOXHO, Margaux NOIZET, Virginie OGER, Coline VINCENT - [10h Internship] - <i>Stage d'enseignement A et AFP</i> - Anne CAMPO, MarieNoëlle HINDRYCKX - [10h Internship] - <i>Stage d'enseignement B et AFP</i> - Anne CAMPO, Annick FAGNANT, MarieNoëlle HINDRYCKX - [10h Internship] | TA | - | 5 | [+] | 10 |
| BIOL2041-1 | <i>Taxonomy and animal phylogeny</i> - Loïc MICHEL | Q1 | 25 | 15 | - | 4 |
| URGC0111-1 | <i>First aid</i> - Vincent BONHOMME | Q1 | 2 | 4 | - | 1 |
| BIOL0852-1 | <i>Ecosystems and climate change</i> - Monique CARNOL | Q2 | 24 | 16 | - | 3 |
| BIOL0810-2 | <i>Conservation biology</i> - Nicolas MAGAIN | Q2 | 30 | - | - | 3 |
| BIOL0866-1 | <i>Ecophysiology</i> - Claire PÉRILLEUX, JeanChristophe PLUMIER, Stéphane ROBERTY | Q1 | 25 | 15 | - | 3 |

Optional courses

En accord avec le Jury, choisir des cours non déjà choisis pour un total de 11 crédits parmi :

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|------------|--|----|----|----|-----|----------|
| BIOL2213-1 | <i>Behavioural ecology</i> - Mathieu DENOËL, Laurane WINANDY | Q1 | 20 | - | - | 3 |
| GEOL1022-2 | <i>Origin and early evolution of life</i> (english language) - Emmanuelle JAVAUX | Q1 | 10 | 20 | - | 3 |
| BIOC0726-1 | <i>Toolbox: nucleic acid analysis techniques</i> - Denis BAURAIN, Franck DEQUIEDT, Marc HANIKENNE, Patrick MEYER - [4h AUTR] | Q1 | 24 | 12 | [+] | 3 |
| GENE9002-1 | <i>Molecular biology of gene I</i> - Franck DEQUIEDT | Q1 | 30 | - | - | 3 |
| GENE9003-1 | <i>Molecular biology of gene II</i> - Franck DEQUIEDT - [1d Internship] | Q2 | 30 | 30 | [+] | 6 |
| BIOC9242-1 | <i>Biological macromolecules chemistry, Part A</i> - Moreno GALLEN, Loïc QUINTON | Q1 | 40 | - | - | 5 |
| BIOC9243-1 | <i>Equilibria in biochemistry and enzyme kinetics</i> - André MATAGNE | Q2 | 20 | 40 | - | 4 |

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| BIOL0024-1 | <i>Physiologie moléculaire de la cellule</i> - Patrick MOTTE | Q2 | 20 | 15 | - | 2 |
| BIOL2037-1 | <i>Introduction to evolutionary biology</i> - Nicolas MAGAIN - [1d FW] | Q2 | 25 | 25 | [+] | 4 |
| BIOL2038-1 | <i>Soil ecology and microbiology</i> - Monique CARNOL - [1d FW] | Q1 | 25 | 10 | [+] | 3 |
| BIOL2039-2 | <i>Freshwater ecology, Theory</i> - Véronique GOOSSE, Célia JOAQUIMJUSTO | Q2 | 18 | 2 | - | 2 |
| BIOC9244-1 | <i>Genetics and introduction to molecular ecology</i> - Marc HANIKENNE | Q1 | 20 | 10 | - | 2 |
| BIOL0031-1 | <i>Introduction to oceanography</i> - Sylvie GOBERT | Q2 | 15 | - | - | 2 |
| DURA0005-1 | <i>Durabilité et transition</i> - Sylvie GOBERT, Catherine HENRIST - [16h Mon. WS] | TA | 12 | - | [+] | 2 |
| ENVT3045-1 | <i>Ecosystems : conditions, anthropic impacts and management</i> - Dorothee DENAYER, Célia JOAQUIMJUSTO - [16h Cl. inv.] | Q2 | 4 | 20 | [+] | 3 |
| DOCU0455-1 | <i>Introduction to critical thinking</i> - <i>Theory</i> - Yaël NAZÉ - <i>Practice</i> - Yaël NAZÉ | Q2 | 10 | - | - | 3 |
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Block 2

Compulsory courses

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|------------|--|----|----|----|-----|----|
| ZENS0016-1 | <i>The educational system and actors of change</i> - Ariane BAYE, COLLÉGIALITÉ, Géraldine GODET, N... | TA | 12 | 15 | - | 3 |
| ZENS0017-1 | <i>Organisation of a school establishment and collaborative working</i> - JeanFrançois GUILLAUME, Tulay TASKIN | Q1 | 12 | - | - | 2 |
| ZENS0034-1 | <i>Biology and associated teaching methodology</i> - Delphine BOULANGER, MarieNoëlle HINDRYCKX | Q1 | 60 | - | - | 10 |
| ZENS0233-1 | <i>Didactique disciplinaire : sciences biologiques (partim II)</i> - MarieNoëlle HINDRYCKX - [1d FW] | Q2 | 18 | - | [+] | 3 |
| SSTG0270-1 | <i>Internship in biology (part 2) and professional training workshop</i> - Hervé BERNARD, Anne CAMPO, Annick FAGNANT, Géraldine GODET, MarieNoëlle HINDRYCKX, Pierre LORIAUX, Laurent MULLENS BOXHO, N..., Virginie OGER, Coline VINCENT - [40h Internship] | Q2 | - | 21 | [+] | 11 |
| ZENS0022-1 | <i>The philosophy of education: ethics, neutrality, citizenship</i> - Géraldine BRAUSCH, Anne HERLA | Q2 | 18 | - | - | 3 |
| HULG9830-1 | <i>Collegial facets of the profession</i> - Anne CAMPO, Dorothee JARDON, Charlene LEROY, Margaux NOIZET | TA | 24 | - | - | 4 |
| HULG0587-1 | <i>Teaching methodology for the transition from the core curriculum: biology</i> - Caroline HOYOUX - [20h Internship] | TA | 24 | - | [+] | 4 |
| SMEM0047-1 | <i>Final thesis</i> | TA | - | - | - | 20 |