

Parcours 1 Insects as Solutions for a Sustainable Future			BCC										Poids		Heures			Volume			Heure	Etu	Ch	Contrôle continu intégral	Régime général			Régime spécial d'études						
			1	2	3	4	5	6	7	8	9	10	Coeff.	ECTS	CM	TD	TP	CM	TD	TP	Total	Heure	Heure en EqTD		Type contrôle	Type d'épreuve	Durée de l'épreuve	Type contrôle	Type d'épreuve	Durée de l'épreuve	Type contrôle	Type d'épreuve	Durée de l'épreuve	
(vide)	(vide)	(vide)	1	6	7	4						30	30	183	47	82	183	47	82	312	342	397												
S1	M1.1 Insect Biology	EP 1.1.1 Insect Biology		1	1	1						4	4	24		24	24	0	24	48	48	52												
	M1.2 Fundamental skills applied to insects	EP 1.2.1 Fundamental skills applied to insects		1	1	1						4	4	38	10	38	10	0	48	48	67													
	M1.3 Field project	EP 1.3.1 Field project		1	1	1	1					4	4	18		30	18	0	30	48	78	67												
	M1.4 Insects and multitrophic interactions	EP 1.4.1 Insects and multitrophic interactions		1	1	1	1					4	4	18		30	18	0	30	48	78	67												
	M1.5 Integrated pest management	EP 1.5.1 Integrated pest management		1	1	1	1					5	5	33	15	33	15	0	48	48	65													
	M1.6 Global change, adaptation and conservation	EP 1.6.1 Global change, adaptation and conservation		1	1	1	1					5	5	33	15	33	15	0	48	48	65													
	M1.7 French language and culture in Loire Valley	EP 1.7.1 French language and culture in Loire Valley		1	1	1	1					5	5	28	4	16	28	4	16	48	48	57												
				1	1	1	1					5	5	28	4	16	28	4	16	48	48	57												
				1	1	1	1					5	5	30	6	12	30	6	12	48	48	59												
				1	1	1	1					5	5	30	6	12	30	6	12	48	48	59												
S2	M2.1 Advanced and applied insect physiology	EP 2.1.1 Advanced and applied insect physiology										3	3	12	12		12	12	0	24	24	30												
	M2.2 Unit operations in the food industry	EP 2.2.1 Unit operations in the food industry										3	3	12	12		12	12	0	24	24	30												
	M2.5 Experimental design	EP 2.5.1 Experimental design										3	3				0	0	0	0	0	0												
	M2.6 Insects for food, feed and biotechnical applications	EP 2.6.1 Insects for food, feed and biotechnical applications										3	3				0	0	0	0	0	0												
	M2.7 Industrial insect production and processing in practice	EP 2.7.1 Industrial insect production and processing in practice										3	3				0	0	0	0	0	0												
	M2.8 Project Work Insect Production and Processing	EP 2.8.1 Project Work Insect Production and Processing										3	3				0	0	0	0	0	0												
	M2.9 Dutch Language and Cultures	EP 2.9.1 Dutch Language and Cultures										3	3				0	0	0	0	0	0												
	M2.4 Innovation and entrepreneurship	EP 2.4.1 Innovation and entrepreneurship										3	3				0	0	0	0	0	0												
	M2.3 Bioprocess engineering	EP 2.3.1 Bioprocess engineering										4	4				0	0	0	0	0	0												
S3	M3.2 Medical Entomological Techniques	EP 3.2.1 Medical Entomological Techniques										4	4				0	0	0	0	0	0												
	M3.3 Host-parasite interaction	EP 3.3.1 Host-parasite interaction										4	4				0	0	0	0	0	0												
	M3.4 Ecoepidemiology of Vector-Borne-Diseases in a global changing environment	EP 3.4.1 Ecoepidemiology of Vector-Borne-Diseases in a global changing environment										4	4				0	0	0	0	0	0												
	M3.5 Surveillance and vector control	EP 3.5.1 Surveillance and vector control										5	5				0	0	0	0	0	0												
	M3.6 Experimental projects (field and/or laboratory)	EP 3.6.1 Experimental projects (field and/or laboratory)										4	4				0	0	0	0	0	0												
	M3.7 Portuguese language and culture	EP 3.7.1 Portuguese language and culture										3	3				0	0	0	0	0	0												
	M3.1 Insects as vectors of human disease agents	EP 3.1.1 Insects as vectors of human disease agents										7	7				0	0	0	0	0	0												
S4	M4.1 Internship	EP 4.1.1 Internship written report										30	30				0	0	0	0	0	0												
		EP 4.1.2 Internship oral presentation										15	15				0	0	0	0	0	0												
Total général			1	6	7	4						120	120	183	47	82	183	47	82	312	342	397												