

Recommended Modules for Incoming Exchange Students at BSc and MSc Biology and Biomedicine, UZH

Fall semester

	Monday	Tuesday	Wednesday	Thursday	Friday
08-09 h	BIO111 / BIO228	BIO390 / PHY118 / INI415	BIO111 / BIO133	BME236 / INI401	BIO132
09-10 h					
10-11 h	BIO336 / BIO343	BIO235 / BIO280 / UWW153	BIO131		BIO115 / BIO131
11-12 h					AST201
12-13 h					
13-14 h	UWW101 / AST201	BIO134 (or Thursday)	BIO138, 4 afternoons in october		BIO111 Pract, 5 afternoons total
14-15 h					
15-16 h	PHY118			UWW152	
16-17 h					
17-18 h				INI410	

	Monday	Tuesday	Wednesday	Thursday	Friday
08-09 h	BIO344 / BIO615	BIO241 / BIO371 / BIO386			
09-10 h					
10-11 h	BIO257 / BIO331 / BME324	BIO241 / BIO280 / /BIO416			
11-12 h	BIO215 / BIO222				
12-13 h					
13-14 h	BME317 / BME322 / BIO242				
14-15 h					
15-16 h	BIO297 / BIO332				
16-17 h					
17-18 h					

Number	ECTS Credits	Title	Language
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Recommended:

BIO 111	5	Molekulare und klassische Genetik	partly German, exam English, exam in january
BIO 115	2	Human Evolution	E, exam in january
BIO 131	4	Form und Funktion der Pflanzen	mostly German, exam in january
BIO 132	3	Mikrobiologie, Immunologie, Virologie	partly German, exam in january
BIO 133	3	Anthropologie	mostly German, exam in january
BIO 134	5	Programming in Biology	E, exam in january
BIO 138	1	Praktikum Mikrobiologie, Immunologie, Virologie	partly German
BIO 228	2	Evolutionary Medicine	E
BIO 235	2	Plants and People: Domestication of Crops	E
BIO 280	2	Animal Domestication	E
BIO 336	2	From DNA to Diversity: evolution of multicellular organi	E
BIO 390	3	Introduction to Bioinformatics	E
BIO 343	3	Structural Plasticity and Repair of the Nervous System	E, exam in january
BME 236	3	Biomedicine I	E, exam in january
PHY 118	5	Physics for Natural Sciences I	E, exam in january
INI 401	6	Introduction to Neuroinformatics	E
INI 410	3	Consciousness: from philosophy to neurons	E
INI 415	6	Systems Neuroscience	E
AST 201	5	Introduction to Astrobiology	E, exam in january
UWW 152	2	Ecohealth	E
UWW 153	3	Global Environmental History	E

Alternatives (very advanced):

BIO 215	2	Evolution of Human Behaviour	E, Monday 12-14
BIO 241	3	Gene Regulation	E
BIO 242	2	Translational Cancer Reserach	E
BIO 243	2	Epigenetics	E
BIO 257	2	DNA Metabolism and Cancer	E
BIO 297	3	Social Behaviour of Bacteria	E
BIO 331	2	Frontiers in Animal Behaviour	E
BIO 332	2	Cell Cycle and Cell Proliferation	E
BIO 333	1	Comparative Physiology and Pharmacology of Sleep	E
BIO 344	3	Development of the Nervous System	E, exam in january
BIO 371	2	Ecological Genetics	E
BIO 386	2	Sociobiology of Communication I	E
BIO 416	2	Microscopy	E
BIO 437	2	Human Adaptation	E
BIO 615	2	Virology	E, exam in january
BME 317	2	Metabolism and Nutrition	E
BME 322	2	Molecular and Cellular Neurobiology	E
BME 324	2	Human Toxicology	E

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Spring semester

	Monday	Tuesday	Wednesday	Thursday	Friday
08-09 h	BIO354	PHY118		BIO123 / BIO125	BIO143
09-10 h			BIO141		
10-11 h	BIO216 / BIO219	STA120 / BIO148 / AST248		UWW183 / BIO122	BIO141
11-12 h					
12-13 h		STA120			AST202
13-14 h	BIO144		BIO141, 143 practicals	BIO144 exercises	BIO144 exercises
14-15 h					
15-16 h	PHY118 / BME246	AST202		AST248	
16-17 h					
17-18 h					

	Monday	Tuesday	Wednesday	Thursday	Friday
08-09 h	BME320 / BME335	BIO342			
09-10 h					
10-11 h	BIO312 / BIO346 / BIO347	BIO212 / BIO347 / BCH252			
11-12 h					
12-13 h					
13-14 h	BIO298 / BIO364 / BME318	ESC403	ESC401	ESC403	ESC401
14-15 h					
15-16 h	14-16: BIO388 / BIO398 / BIO433 // 15- 18: BIO389				
16-17 h					
17-18 h				INI402	

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Recommended:

BIO 122	3	Verhaltensbiologie	German, exam in June
BIO 123	3	Quantitative and Molecular Systems Biology	E, exam in June
BIO 125	3	Development of Multicellular Systems	E, exam in June
BIO 141	4	Ökologie und Biodiversität	mostly German, exam in June
BIO 143	3	Neurobiologie	German, slides in E, exam in June
BIO 144	5	Data Analysis in Biology	E, exam in June
BIO 148	3	Paleontology	E
BIO 216	2	Primate Cognitive Evolution	E
BIO 219	2	Biomedical Imaging	E
BIO 354	2	Zoo Biology	E
BME 246	3	Biomedicine II	E, exam in June
PHY 128	5	Physics for Natural Sciences II	E, exam in June
STA 120	5	Introduction to Statistics	E, exam in June
AST 202	5	The Universe: Contents, Origin, Evolution and Future	E
AST 248	5	The Sun and Planets	E
UWW 183	2	Conservation Ecology	E

Alternatives (very advanced):

BIO 212	2	Human Evolutionary Genetics	E
BIO 298	2	Medical and Veterinary Entomology	E
BIO 312	2	Integrated Species Conservation and Management	E
BIO 342	3	Comparative Behavioural Neuroscience	E
BIO 347	6	Developmental Cell Biology	E
BIO 349	2	Behavioural Endocrinology	E, 2 days in April
BIO 364	3	The Physics of Life	E
BIO 388	2	Human Genetics	E, Monday 14-16
BIO 389	3	Clinical Neuroscience	E, Monday 15-18
BIO 398	2	Research Ethics for Life Sciences	E, Monday 14-16
BIO 433	2	Biology of Cancer Treatment	E, Monday 14-16
BME 318	2	Clinical Epidemiology	E
BME 320	1	Forensic Genetics	E, Monday 9-10
BME 335	2	Regenerative Medicine and Tissue Engineering	E
BCH 252	3	RNA and Proteins	E
INI 402	6	Computational Vision	E
ESC 401	6	High Performance Computing	E, requires Programming basics
ESC 403	6	Introduction to Data Science	E, requires Python basics