

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

Fall semester	Number	ECTS Credits	Title	Language, Details
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in English

	Monday	Tuesday	Wednesday	Thursday	Friday
08-09 h		BIO390 / PHY118 / INI415	BIO133	BME236 / INI401	
09-10 h					
10-11 h	BIO336	BIO280 / BIO340		BIO228	BIO115
11-12 h					
12-13 h	BIO219 / BIO333 / AST201				AST201
13-14 h					
14-15 h				BIO134	
15-16 h	BME324	PHY117	PHY117		
16-17 h					
17-18 h				INI410	

in German

	Monday	Tuesday	Wednesday	Thursday	Friday
08-09 h	BIO111	BME235	BIO111		BIO132
09-10 h					
10-11 h	BME235		BIO131		BIO131, BIO113
11-12 h					
12-13 h					EEE266
13-14 h					
14-15 h			BIO131 Pract, 4 afternoons total	BIO111 Pract, 5 afternoons total	
15-16 h					
16-17 h					
17-18 h					

	Monday	Tuesday	Wednesday	Thursday	Friday
08-09 h	advanced lectures	advanced lectures			
09-10 h					
10-11 h					
11-12 h					
12-13 h					
13-14 h					
14-15 h					
15-16 h					
16-17 h					
17-18 h					

**Recommended:**

BIO 115	2	Human Evolution	E, Thursday 10-12. exam in january
BIO 133	3	Evolutionary Anthropology	E, Wednesday 8-10, exam in january
BIO 134	5	Programming in Biology	E, Tuesday or Thursday 13-17. exam in january
BIO 219	3	Evolution of the Human Brain, Cognition, and Language	E, Monday 12-14, exam in december
BIO 228	2	Evolutionary Medicine	E, Thursday 10-12, mid term exam, final exam in december
BIO 280	2	Animal Domestication	E, Tuesday 10-12, exam in december
BIO 333	1	Comparative Physiology and Pharmacology of Sleep	E, Monday 12-13, exam in december
BIO 336	2	From DNA to Diversity: evolution of multicellular organisms	E, Monday 10-12, exam in december
BIO 340	3	Biology, Evolution and Ecology of Marine Mammals	E, Tuesday 10-12. exam in december
BIO 390	3	Introduction to Bioinformatics	E, Tuesday 81-10, exam in december
BME 236	3	Biomedicine I	E, Thursday 8-10, exam in february
BME 324	2	Basics in Human Toxicology	E, Monday 15-17, exam in december
PHY 117	6	Physics for the Life Sciences I	E, Tuesday and Wednesday 15-17, plus exercises, exam in january
INI 401	6	Introduction to Neuroinformatics	E, Thursday 8-10, register via ETH
INI 410	3	Consciousness: from philosophy to neurons	E, Thursday 17-19
INI 415	6	Systems Neuroscience	E, Tuesday 8-11
AST 201	5	Introduction to Astrobiology	E, Monday 13-15, Friday 12-13, exam in january

BIO 111	5	<i>Molekulare und klassische Genetik</i>	<i>taught in German, exam available in English, exam in january</i>
BIO 113	5	<i>Evolution und Biodiversität I</i>	<i>German, exam in january</i>
BIO 131	4	<i>Form und Funktion der Pflanzen</i>	<i>mostly German, exam in january</i>
BIO 132	3	<i>Mikrobiologie, Immunologie, Virologie</i>	<i>mostly German, exam in january</i>
BME 235	5	<i>Physiologie und Anatomie I</i>	<i>German, exam in february</i>
EEE 266	3	<i>Ethik und Umwelt</i>	<i>German, Firday 12-14, exam in december</i>

**Advanced lectures**

BIO 201	3	Primate Evolutionary Biology	E, Monday 14-16
BIO 242	3	Translational Cancer Research	E, Monday 13-15
BIO 243	3	Epigenetics	E, Monday 15-17
BIO 257	3	Cancer and the Immune System	E, Tuesday 10-12
BIO 257	3	DNA Metabolism and Cancer	E, Monday 10-12
BIO 297	3	Social Behaviour of Bacteria	E, Monday 16-18
BIO 331	2	Frontiers in Animal Behaviour	E, Monday 10-12
BIO 337	3	Freshwater Environmental and Ecosystem Modeling	E, Tuesday 8-10
BIO 344	3	Development of the Nervous System	E, Monday 8-10, exam in january
BIO 386	3	Sociobiology of Communication	E, Tuesday 8-10
BIO 416	3	Microscopy	E, Tuesday 10-12
BIO 437	3	Human Adaptation	E, Tuesday 10-12
BIO 615	3	Virology	E, Monday 8-10, exam in january
BME 316	3	Glycosylation	E, Monday 13-15
BME 317	3	Metabolism and Nutrition	E, Monday 15-17
BME 322	3	Molecular and Cellular Neurobiology	E, Monday 13-15
EEE 242	3	Animal Eco-Physiology	E, Monday 16-18
EEE 264	3	Environmental Policy of the EU	E, Monday 12-14

*exams usually in december unless noted*

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

Spring semester						Number	ECTS Credits	Title	Language, Details
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in English

	Monday	Tuesday	Wednesday	Thursday	Friday
08-09 h				BIO123 / EEE102	
09-10 h	BIO354	BIO295			
10-11 h	EEE102 / EEE351	STA120	BME 348	BIO125	
11-12 h		STA120			AST202
13-14 h	BIO144 / BIO402	ESC403		ESC403	BIO144 exercises
14-15 h			EEE103		
15-16 h	BME246	AST202			
16-17 h					
17-18 h					

(partly) in German

	Monday	Tuesday	Wednesday	Thursday	Friday
08-09 h					BIO143
09-10 h					
10-11 h		BIO124		BIO122 / BME245	
11-12 h					
12-13 h					
13-14 h	BME245				
14-15 h		EEE104	BIO143 pract, 2 afternoons total	BIO122 pract, 4 afternoons total	
15-16 h					
16-17 h					
17-18 h					

	Monday	Tuesday	Wednesday	Thursday	Friday
08-09 h	advanced lectures	advanced lectures			
09-10 h					
10-11 h					
11-12 h					
12-13 h					
13-14 h					
14-15 h					
15-16 h					
16-17 h					
17-18 h					

**Recommended:**

BIO 123	3	Quantitative and Molecular Systems Biology	E, Thursday 8-10, exam in june
BIO 125	3	Development of Multicellular Systems	E, Thursday 10-12, exam in june
EEE 102	5	Introduction to Ecology	E, Monday 10-12, Thursday 8-10, exam in june
BIO 144	4	Data Analysis in Biology	E, Monday 13-15, exercises Friday 13-15, exam in june
BIO 295	3	Agroecology, Food Security and Sustainable Production	E, Tuesday 8-10, exam in may
BIO 354	2	Zoo Biology	E, Monday 8-10, exam in may
BIO 402	3	Philosophy of Science with a Focus on Biology	E, Monday 14-16
BME 246	3	Biomedicine II	E, Monday 15-17, exam in june
BME 248	3	Basics in Immunology	E, Wednesday 10-12, exam in june
STA 120	5	Introduction to Statistics	E, Tuesday 10-13, exam in june
AST 202	5	The Universe: Contents, Origin, Evolution and Future	E, Tuesday 15-17, Friday 12-13
EEE 103	3	Evolution II	E, Wednesday 14-16, exam in june
EEE 351	3	Conservation Biology	E, Monday 10-12, exam in may
ESC 403	6	Introduction to Data Science	E, Tuesday and Thursday 13-15, requires Python basics

BIO 122	3	<i>Verhaltensbiologie</i>	<i>German, exam in june</i>
BIO 124	2	<i>Ethik und Theorie der Biologie</i>	<i>German, exam in june</i>
BIO 143	3	<i>Neurobiologie</i>	<i>German, exam in june</i>
BME 245	5	<i>Physiologie und Anatomie II</i>	<i>German, exam in june</i>
EEE 104	3	<i>Biodiversität und Lebensräume der Schweiz</i>	<i>German, exam in june</i>

**Advanced lectures**

BIO 212	3	Language Evolution: Insights from Animal Communication	E, Monday 8-10
BIO 216	3	Primate Origins of Human Sociality, Cognition and Mind	E, Monday 10-12
BIO 274	1	Mass Extinctions, Macroevolution and Macroecology through the Phanerozoic	E, Monday 16-17
BIO 342	3	Comparative Behavioural Neuroscience	E, Tuesday 8-10
BIO 347	3	Concepts in Developmental Biology	E, Monday 10-12
BIO 388	2	Human Genetics	E, Monday 14-16
BIO 433	3	Biology of Cancer Treatment	E, Monday 14-16
BIO 630	3	Ethics in Scientific Practice	E, Monday 17-19
BME 333	3	From Bench to Bedside: Examples from Immunology and Beyond	E,
BME 389	3	Clinical Neuroscience	E, Monday 8-10
BME 318	2	Clinical Epidemiology	E, Monday 13-15
BME 320	1	Forensic Genetics	E, Monday 9-10
BME 327	3	Current Approaches in Single Cell Analysis	E, Tuesday 10-12
BME 335	3	Regenerative Medicine and Tissue Engineering	E, Monday 8-10

*exams usually in may*