

Code	Course title	Instructor	Location	ECTS	Semester	Comments
A List – Mandatory courses						
14CB01	Current Topics in Chemical Biology and Biochemistry	SNE ChemBio	UNIGE	8	F	Class: MON : 16:15 – 18:00 ScIII, room 0019 WED : 16:15 – 18:00 ScII, room 457
14CB02	Basic techniques in Chemical Biology	SNE ChemBio	EPFL/UNIGE	6	F	Programme established in September 2024 together with student
14CB03	Tutorial	SNE ChemBio	EPFL/UNIGE	5	F	Programme established in September 2024 together with student
14B063A	Microscopy and imaging course	Bauer	UNIGE	3	F	Wednesdays 13h15 – 16h00 ScII room A50A (13 weeks of 2-3h per week) Prior registration required to christoph.bauer@unige.ch
BIOENG-510	Trends in Chemical Biology and drug discovery	Correia/Thöma	EPFL	3	S	https://www.epfl.ch/education/studies/en/rules-and-procedures/study_plans/ (COURSE Only for year 2024-2025)
B List – Optional Courses						
CH-311	Macromolecular structure and interactions	Fierz	EPFL	2	F	https://www.epfl.ch/education/studies/en/rules-and-procedures/study_plans/
CH-312	Dynamics of biomolecular processes	Fierz	EPFL	2	S	https://www.epfl.ch/education/studies/en/rules-and-procedures/study_plans/
CH-313	Chemical biology	Aye	EPFL	2	F	https://www.epfl.ch/education/studies/en/rules-and-procedures/study_plans/
CH-317	Drug discovery and development	Heinis	EPFL	2	S	https://www.epfl.ch/education/studies/en/rules-and-procedures/study_plans/
CH-411	Cellular signalling	Hovius	EPFL	2	F	https://www.epfl.ch/education/studies/en/rules-and-procedures/study_plans/
CH-455	Methods in drug development	Heinis	EPFL	3	F	https://www.epfl.ch/education/studies/en/rules-and-procedures/study_plans/
14B010	Principles of cellular and molecular biology	Martin et al.	UNIGE	8	F/S	https://pgc.unige.ch
14B072	Introduction to glycobiology	Lisacek	UNIGE	3	S	https://pgc.unige.ch
14C004	Hot topics and breakthroughs in biochemistry	Roux et al.	UNIGE	6	F/S	https://pgc.unige.ch
14F001	Elements of bioinformatics	Bairoch et al.	UNIGE	5	F	https://pgc.unige.ch
14C022	Bioorganic and biolytical chemistry	Ross	UNIGE	4	F	https://pgc.unige.ch
14C024	Target-oriented synthesis	Hoogendoorn	UNIGE	4	F	https://pgc.unige.ch
14C028	Bioorganic chemistry II	Matile	UNIGE	4	F	https://pgc.unige.ch
BIO-315	Structural Biology	Dal Peraro	EPFL	4	S	https://www.epfl.ch/education/studies/en/rules-and-procedures/study_plans/
BIO-443	Fundamentals of Biophotonics	Radenovic	EPFL	3	S	https://www.epfl.ch/education/studies/en/rules-and-procedures/study_plans/
BIO-447	Stem cells and organoids	Radtko/ Suter	EPFL	3	F	https://www.epfl.ch/education/studies/en/rules-and-procedures/study_plans/
BIO-463	Genomics and Bioinformatics	Luisier/ Rougemon	EPFL	4	S	https://www.epfl.ch/education/studies/en/rules-and-procedures/study_plans/
BIOENG-430	Selected topics in life sciences	Lashuel	EPFL	3	F	https://www.epfl.ch/education/studies/en/rules-and-procedures/study_plans/
CH-413	Nanobiotechnology and biophysics	Steinauer	EPFL	3	S	https://www.epfl.ch/education/studies/en/rules-and-procedures/study_plans/
CH-419	Protein mass spectrometry and proteomics	Dayon	EPFL	2	S	https://www.epfl.ch/education/studies/en/rules-and-procedures/study_plans/
CH-424	Supramolecular chemistry	Severin	EPFL	2	F	https://www.epfl.ch/education/studies/en/rules-and-procedures/study_plans/
CH-431	Physical and computational organic chemistry	Corminboeuf	EPFL	2	S	https://www.epfl.ch/education/studies/en/rules-and-procedures/study_plans/
CH-432	Structure and reactivity	Cramer	EPFL	3	F	https://www.epfl.ch/education/studies/en/rules-and-procedures/study_plans/
CH-435	Asymmetric catalysis for fine chemicals synthesis	Waser	EPFL	3	S	https://www.epfl.ch/education/studies/en/rules-and-procedures/study_plans/
CH-438	Total synthesis of natural products	Zhu	EPFL	3	F	https://www.epfl.ch/education/studies/en/rules-and-procedures/study_plans/
CHE-411	Principles and Applications of System Biology	Hatzimanikatis	EPFL	3	F	https://www.epfl.ch/education/studies/en/rules-and-procedures/study_plans/
MICRO-511	Image Processing I	Unser/ Nav De Ville	EPFL	3	F	https://www.epfl.ch/education/studies/en/rules-and-procedures/study_plans/
MICRO-512	Image Processing II	Unser/ Nav De Ville	EPFL	3	S	https://www.epfl.ch/education/studies/en/rules-and-procedures/study_plans/
PHYS-301	Physics of the cell	Manley	EPFL	3	S	https://www.epfl.ch/education/studies/en/rules-and-procedures/study_plans/
13C003	Chimie Organique II : Principes de réactivité & chimie bioorga	Lacour/ Matile	UNIGE	6	F/S	https://pgc.unige.ch
13B001	Biologie moléculaire de la cellule	Halazonitis et al.	UNIGE	9	F/S	https://pgc.unige.ch
13C008A	Biochimie III	Soldati et al.	UNIGE	3	F	https://pgc.unige.ch
13C008P	Biochimie III	Soldati et al.	UNIGE	3	S	https://pgc.unige.ch