UNIVERSITÀ DEGLI STUDI DELL'INSUBRIA

DIPARTIMENTO DI BIOTECNOLOGIE E SCIENZE DELLA VITA - DBSV

PhD course in Life Sciences and Biotechnology

Teaching Activities 2026-2027: seminars & courses schedule

Please note: the teaching activities will be held in person. Teams links will be provided only upon request and for valid reasons.
The teaching activities calendar will be updated throughout the year with dates and times. You will find the updated version on the PhD Course Team, so please check it out.

Here you will find the schedule of the upcoming online lectures and seminars:

November 2026

11th, 14:30-16:30

Trends in Biomedical Sciences
Inflammation, immunity & disease modulation
(0.25 CFU) – organized by J. Karousou

"Cellular matrix and tumors"
Achilleas Theocharis, University of Patras, Greece

19th, 09:00-13:00

Trends in Biomolecular Sciences
Microbial Biotechnology: trends and applications
(0.5 CFU) – organized by F. Berini and F. Marinelli

(*i*) "Structures and functions of antibiotic assembly lines and approaches for their discovery and elucidation"
(*ii*) "Working with antiSMASH and MIBiG to access existing and analyze novel specialized metabolite biosynthetic gene clusters" + "Building structure from scratch: in silico structure prediction of cryptic specialized metabolites"
Oleksandr Yushchuk, Lviv University, Ukraine

December 2026

9th-16th, 09:00-13:00

Trends in Biomolecular Sciences
Advanced plant systems: biology, biotechnology and environmental applications
(1 CFU) – organized by C. Vannini

"Plant proteomics and metabolomics: principles, methods, and practical applications"
Guido Domingo, Department of Biotechnology and Life Science, University of Insubria, Varese, Italy

2nd-3rd, 10:00-12:00

Free choice
(0.5 CFU) – organized by G. Terova

(i) "Animal Welfare in Modern Production Systems and Aquaculture"

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DOTTORATO DI RICERCA Scienze della Vita e Biotecnologie

(ii) "Microbiome-Based Solutions for Sustainable and Healthier Farmed Animals"
Federico Moroni, Institute of Aquaculture Torre de la Sal – CSIC Ribera de Cabanes, Castellón, Spain

January 2027

25th-26th, 10:00-12:00

Trends in Biomolecular Sciences
Advanced plant systems: biology, biotechnology and environmental applications (0.5 CFU) – organized by A. Montagnoli

(*i*) "The role of the soil ecosystem in mitigating climate change"
(*ii*) "The role of biota at different scales for the formation and stabilization of soil organic matter"
Georg Guggenberg, Leibniz University, Hannover, Germany

25th, 14:30-16:30

Trends in Biomedical Sciences
Biomarkers and translational research in human pathology
(0.25 CFU) – organized by S. Sacchi

"Domain dissection reveals a calcium switch in Annexin A11 critical for its role and association with ALS"
Salvatore Adinolfi, Dipartimento di Scienze e Tecnologie del Farmaco, Università degli Studi di Torino

January-February 2027

BIOSTATISTICS (3 CFU)

Jan 13th-15th-19th-22nd 10:00-12:00

Basic statistics for Life Sciences and Biotechnology
Prof. Veronesi Giovanni (1 CFU)

Jan 27th-29th
Feb 3rd-5th
10:00-12:00

Advanced Statistics for Biomedicine and Biotechnology
Dr. Veronesi Valentina (1 CFU)

Feb 10th-12th-17th-19th 10:00-12:00

Statistics for Environmental Biotechnology
Prof. Bisi and Dr. Dalle Fratte (1 CFU)

NB: This course is mandatory for XLII cycle students.

February 2027

17th, 14:30-16:30

Trends in Biomedical Sciences
Biomarkers and translational research in human pathology
(0.25 CFU) – organized by P. Campomenosi

"From epigenetic editing to splicing regulation: how biotech engineering reveals basic biology"
Alessandro Sessa, Group Leader, Neuroepigenetics Unit, Institute of Experimental Neuroscience San Raffaele Scientific Institute, Italy

February – March 2027

Feb 4th-11th-18th-25th
Mar 4th-11th

14:00-18:00

BIOINFORMATICS (3 CFU) - Bioinformatics for Protein Structure and Function
Gianluca Molla, Department of Biotechnology and Life Science, University of Insubria, Varese, Italy

NB: This course is mandatory for students in the XLI and XL cycles

March 2027

15th,
9:30-11:30

Trends in Biomolecular Sciences
Microbial Biotechnology: trends and applications
(0.25) – organized by F. Berini and F. Marinelli

"Challenges and opportunities for antibiotic discovery (with focus on mining for peptide natural products)"
Andrew Truman, Department of Molecular Microbiology at the John Innes Center, UK

17th,
9:30-11:30

Trends in Biomolecular Sciences
Microbial Biotechnology: trends and applications
(0.25) – organized by F. Berini and F. Marinelli

"Metabolomics for natural product discovery"
Natalia Miguel Vior, Department of Molecular Microbiology at the John Innes Center, UK

19th,
14:30-16:30

Trends in Biomolecular Sciences
Integrate biocatalysis and invertebrate systems for circular biotechnologies
(0.25 CFU) – organized by E. Rosini

"A sustainable biotechnological platform: turning waste into value"
Elena Rosini, Department of Biotechnology and Life Science, University of Insubria, Varese, Italy

April 2027

8th, 10:00-12:00

Trends in Biomedical Sciences
Inflammation, immunity & disease modulation
(0.25 CFU) – organized by A. Bruno

"Immune cell plasticity and polarization in health and disease: friends or foes?"
Antonino Bruno, University of Insubria

16th, 14:00-16:00

Trends in Biomolecular Sciences
Integrate biocatalysis and invertebrate systems for circular biotechnologies
(0.25 CFU) – organized by G. Tettamanti

"Circular economy: the contribution of insect biotechnology"
Gianluca Tettamanti, Department of Biotechnology and Life Science, University of Insubria, Varese, Italy

23rd, 09:00-13:00

Trends in Biomedical Sciences
Molecular targets and precision medicine
(0.5 CFU) – organized by A. Montagnoli

"Computer Vision for Image Diagnosis"
Francesco Mercaldo, Dipartimento di Medicina e di Scienze della Salute, Università degli Studi del Molise

May 2027

26th, 10:00-12:00

Cross-Disciplinary and Soft Skills - module C
(0.25 CFU) – organized by A. Montagnoli and M. Dalle Fratte

"Science Co-Production, Funding, and Partnerships"
Alessandro Ossola, University of California Davis

27th, 10:00-12:00

Cross-Disciplinary and Soft Skills - module C
(0.25 CFU) – organized by A. Montagnoli and M. Dalle Fratte

"Building Rewarding Science Careers Within and Outside Academia"
Alessandro Ossola, University of California Davis

June 2027

17th, 10:30-12:30

Cross-Disciplinary and Soft Skills - module A
(0.25 CFU) – organized by L. Pollegioni

"Be a Scientist: Explore the Scientific Method"
Loredano Pollegioni, University of Insubria, Italy

21st-22nd-24th-25th 09:00-13:00

Cross-Disciplinary and Soft Skills - module B
(2 CFU) – organized by A. Montagnoli

"R"
Enrique Andivia - Universidad Complutense de Madrid

23rd, 14:30-16:30
Trends in Biomedical Sciences
Biomarkers and translational research in human pathology
(0.25 CFU) – organized by P. Campomenosi

"Genomics of lung cancer in space and time: from genetic predisposition to tumour evolution"
Francesca Colombo, Senior Researcher al CNR, Istituto di Tecnologie Biomediche

July 2027

September 2027

October 2027

6th, 10:00-12:00
Cross-Disciplinary and Soft Skills - module A
(0.25 CFU) – organized by PhD Course

"Information literacy"
Letizia Pelucchi, University of Insubria

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