

DOCTORAL SCHOOLS

PhD studies at USJ provide advanced research training, leading to the awarding of a PhD degree and the title of Doctor of the University. Encompassing nearly all fields of study, the five Doctoral Schools offer high-level academic supervision and preparation for professional integration.

Each Doctoral School consists of multiple research teams responsible for training PhD candidates. They ensure continuity from fundamental sciences to applied sciences, with a strong emphasis on interdisciplinarity and international exposure.

DOCTORAL SCHOOL OF HEALTH AND SCIENCE (EDSS)

Director: Nassim FARES

Medical Sciences Campus, P.O. Box 11-5076 - Riad el Solh, Beirut (Lebanon)

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The Doctoral School of Health and Science includes 5 faculties:

The Faculty of Medicine, the Faculty of Dental Medicine, the Faculty of Pharmacy, the Faculty of Nursing Science and the Faculty of Science (Department of Life and Earth Sciences-Biochemistry). It also includes institutions affiliated to the Faculty of Medicine such as the Higher Institute of Public Health, the Institute of Psychomotor Therapy, the Institute of Physiotherapy, the Higher Institute of Speech and Language Therapy and the Institute of Occupational Therapy.

DISCIPLINES AND SPECIALTIES

Faculty of Medicine and affiliated institutions

Discipline: Biological and Medical Sciences

Specialties: Physiology and Physiopathology, Neurosciences, Genetics and Molecular Biology, Cancer and Metabolism, Biomechanics and Medical Imaging, Public Health - Health Education and Promotion, Public Health – Health and Environment, Public Health - Epidemiology and Biostatistics, Speech and Language Therapy, Psychomotor Therapy, Physiotherapy, Occupational Therapy.

Faculty of Pharmacy

Discipline: Pharmaceutical and Biological Sciences

Specialties: Clinical Biochemistry, Microbiology, Pharmacology, Clinical Pharmacy, Drug Quality Control, Toxicology, Immunology.

Discipline: Nutritional Science

Specialties: Human Nutrition; Food Technology

Faculty of Dental Medicine

Discipline: Oral Biology and Dental Materials Science

Specialties: Oral Biology, Biomaterials, Oral Health, Craniofacial Imaging, Craniofacial Anomalies

Faculty of Science

Research Units: Environment, Functional Genomics, and Proteomics (EGFEM); Agri-Food Technologies and Valorization (TVA)

LABORATORIES AND SUPERVISORS

Faculty of Medicine

Elie Nemer: doyen.fm@usj.edu.lb

Physiology and Physiopathology: Nassim Fares: nassim.fares@usj.edu.lb

Neurosciences: Sandra Kobaiter-Maarrawi : sandra.kobaitermaarrawi@usj.edu.lb

Genetics and Molecular Biology: Nassim Fares: nassim.fares@usj.edu.lb

Cancerology and Carcinogens: Jad El Chemaly : jad.chemaly@usj.edu.lb

Biomechanics and Medical Imaging: Ayman Assi: ayman.assi@usj.edu.lb

Faculty of Pharmacy

Clinical Biochemistry: Marianne Abi Fadel: marianne.abifadel@usj.edu.lb

Prof Dolla Karam Sarkis Laboratory of Pathogens: Marianne Abi Fadel: marianne.abifadel@usj.edu.lb

Laboratory of Pharmacology, Clinical Pharmacy, and Drug Quality Control

Laboratory of Toxicology: Hayat Azoury Tannous: hayat.azouri@usj.edu.lb

Laboratory of Human Nutrition: Khalil Helou: khalil.helou@usj.edu.lb

Faculty of Dental Medicine

Nada Farhat Mchayleh: nada.farhatmouchayleh@usj.edu.lb

Joseph Bou Serhal and Prof. Amin El Zoghbi: amine.zoghby@usj.edu.lb

Oral Biology: Carole Chakar: carole.chakar@usj.edu.lb

Dental Biomaterials: Roula Hachem: roula.hachem@usj.edu.lb

Laboratory of Cranio-Facial Research: Roula Hachem: roula.hachem@usj.edu.lb

DOCTORAL SCHOOL OF ENGINEERING, SCIENCE AND TECHNOLOGY (EDSIT)

Director: Hadi KANAAN

Science and Technology Campus, Mar Roukoz, Dekwaneh, P.O. Box 11-0514, Riad El Solh, Beirut 1107 2050 (Lebanon)

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The Doctoral School of Engineering, Science and Technology (EDSIT) offers the following PhDs:

Faculty of Science:

- PhD in Mathematics
- PhD in Physics
- PhD in Chemistry
- PhD in Life Science

Specialties: Applied Mathematics, Structural Mechanics, Fluid Mechanics, Quantum Mechanics, Optics, Nanomaterials, Process Engineering, Food Chemistry, Environment, Genetics, Biochemistry, Plant Biology, Biotechnology, Microbiology, Air Quality, etc.

LABORATORIES AND SUPERVISORS

Faculty of Science

Maher Abboud: maher.abboud@usj.edu.lb

Nicolas Louka: nicolas.louka@usj.edu.lb

Laboratory of Biodiversity and Functional Genomics (BGF): Magda Bou Dagher Kharrat: magda.boudagher@usj.edu.lb

Laboratory of Characterization and Transformation of Agri-Resources (CTA): Richard Maroun: richard.maroun@usj.edu.lb

Laboratory of Environment and Sustainable Development (E2D): Wehbe Farah: wehbeh.farah@usj.edu.lb

Laboratory of Mathematics and Applications (LMA): Toni Sayah: toni.sayah@usj.edu.lb

Laboratory of Metrology and Isotopic Fractionation (LMFI): Toufik Rizk: toufic.rizk@usj.edu.lb

Faculty of Engineering and Architecture:

- PhD in Civil, Water and Environmental Engineering
- PhD in Computer and Telecommunications Engineering
- PhD in Electrical and Energy Engineering

Specialties: Soil - Structures, Soil and Geotechnics, Soil Dynamics, Modeling, Structures and Materials, Structural Dynamics, Materials, Water and Environment, Data Science, Computer Science Networks, Cybersecurity, Electrical Grids, Renewable Energies, Power Electronics, Control of Electrical Machines, Process Engineering, etc.

DOCTORAL SCHOOL OF LAW AND POLITICAL SCIENCE (EDDSP)

Director: Aida AZAR

François Debbané Social Sciences Campus, P.O. Box 17-5208 - Mar Mikhael, Beirut 1104 2020 (Lebanon)

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The Doctoral School of Law and Political Science (EDDSP) offers the following two PhDs:

- PhD in Law
- PhD in Political Science

DOCTORAL SCHOOL OF ECONOMICS (EDSE)

Director: Rosette GHOSSOUB SAYEGH

Innovation and Sports Campus, P.O. Box 17-5208 - Mar Mikhael, Beirut 1104 2020 (Lebanon)

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The Doctoral School of Economics (EDSE) offers a PhD in Economics aiming to provide high-level rigorous training in research and innovation. This program highlights the foundations of economics theory as well as applied quantitative methods, particularly focusing on the mastery of research methodologies and the production of scientific articles. The goal is to allow PhD candidates to actively contribute to the advancement of knowledge in their field of interest.

DOCTORAL SCHOOL OF HUMAN AND SOCIAL SCIENCES (EDSHS)

Director: Elie YAZBEK

Humanities Campus, P.O. Box 17-5208 - Mar Mikhael, Beirut 1104 2030 (Lebanon)

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The Doctoral School of Human and Social Sciences (EDSHS) is interdisciplinary and encompasses eight institutions at the Humanities Campus authorized to grant PhDs, including four faculties (Faculty of Humanities Ramez G. Chagoury, Faculty of Religious Studies, Faculty of Education, Faculty of Languages and Translation) and four affiliated institutes (Institute of Oriental Studies, School of Social Work, School of Translators and Interpreters of Beirut, Institute of Theater, Audiovisual and Cinematic Studies) and a research center: Center for Modern Arab Studies.