Programmes/Courses Taught in ENGLISH at Armenian Higher Education Institutions (HEIs)

HIGHER EDUCATION INSTITUTION	Name: **National Academy of Sciences of Armenia** Acronym: **NAS RA**	PROGRAMME SUPERVISOR CONTACTS
MA Programme(s)/Courses	Name: **Molecular and Cellular Biology** Institute of Molecar Biology of NAS RA Acronym: **MCB** Short Description: The Molecular and Cell Biology Master program is designed to give excellent theoretical and practical training and specialization in contemporary molecular and cellular biology followed by research work on Master's project. During the course, students will acquire many skills, both discipline-specific and cross-disciplinary and generic. The course is providing individuals with strong backgrounds in molecular genetics, gene and protein engineering, toxico-genomics, nanobiology and nanomedicine, functional genomics, proteomics, cellular immunology, molecular immunology, and bioinformatics. Student will study the complex mechanisms involved in cell-cell communication, intracellular signal transduction, regulation of gene expression, and immune response to foreign antigens and pathogens, structural organization of cells and their organelles, the control of cell division, and the processes that lead to cell differentiation, oncogenic transformation, cell aging and death. The course also provides basic knowledge on molecular and cellular pathomechanisms of human diseases, including pre-diseased and diseased conditions, disease progression and complications. Website: http://www.molbiol.sci.am/conferences/program.html	Name: Gohar Surname: Mkrtchayn Phone: +374202621 Email: g_mkrtchyan@mb.sci.am
PhD Programme(s)/Courses	Name: **Molecular and Cellular Biology** Institute of Molecar Biology of NAS RA Acronym: **MCB**	Name: Anna Surname: Boyajyan Phone: +37410 281702

	Short Description: Current research activities of IMB are focusing on investigation of regulatory mechanisms of cell activity and its alterations in a number of pathologic conditions including autoimmune, autoinflammatory, cerebrovascular, infectious, oncological, and psychiatric disorders. The research, conducting *in vivo*, *in vitro*, *in situ* and *in silico*, includes human, animal, cell-cultures and computation modeling studies on genetic, protein, cellular, membrane, and sub-cellular levels. A special attention is paid to mediators of the immune and signal transduction systems. An important area of the research is **Armenian genome study** using pathogenomics, ecogenomics, immunogenomics, and population genomics approaches. Website: http://www.molbiol.sci.am	Email: aboyajyan@sci.am
PhD Programme(s)/Courses	Name: **Animal and Human Physiology, Neurophysiology** Institute of Physiology of NAS RA Acronym: **OIPH** Short Description: OIPH has PhD researchers, who study in number of laboratories specialized in different problems of neurophysiology, such as Central Nervous System Physiology, Central Nervous System functions compensation Physiology, Immunology and Tissue Engineering, Physiology of Autonomic Nervous System, Smooth Muscle Physiology, Toxinology and Molecular Systematics, Sensorimotor Integration, Histochemistry and Electromicroscopy, Human Psychophysiology, Integrative Biology, Purification, Certification and Standardization of physiologically active substances and Neuroendocrine relationships. The new the Experimental and technical base of the institute, provides an opportunity to be actively engaged in the utilization of digital technologies in the neurophysiological research. Website: http://www.physiol.sci.am/departments.html	Name: Liana Surname: Davydova Phone: +37493077555 Email: davidovaliana@rambler.ru