

Study program: Experimental Biomedicine PhD

I-st Year							
I-st Semester			Hours/semester				Teaching staff
Nr.	O/Z	Subjects	L	S	E/PS	ECTS	
1	O	Research Ethics and good scientific practice	30	15	15	4	Prof. Assoc. Naser Ramadani Prof. Dr Sefedin Muçaj
2	O	Methodology of scientific research	45	15	15	6	Prof. asoc. Merita Berisha Prof. Dr. Isuf Dedushaj,
3	O	Medical informatics, biostatistics and complex systems	45		15	5	Prof. Asocc. Merita Berisha Prof. Ass. Ilir Begolli
4	O	Journal club		45	15	5	Prof. Assoc. Shemsedin Dreshaj, Prof.Dr. Sali Ahmeti , Prof. Assoc. Gani Bajraktari, Prof. Ass. Shaip Krasniqi; Prof. Ass. Burim Neziri
5	E	Advanced immunopathological and molecular techniques in Oncology	30	15	30	5	Prof. Dr. Suzana Manxhuka – Kërliu Ass. Dr. Argjira Juniku-Shkololli, Dr.sci Ass. Dr. Labinot Shahini, PhD cand. Ass. Dr. Fisnik Kurshumliu, PhD cand. Ass. Dr. Floren Kavaja, Dr.sci Ass. Dr. Fahredin Veselaj, PhD cand.
6	E	Cancer Genetic and tumor cells	30	15	0	5	Prof. Assoc. Avdullah Alija Prof. Dr. Bajram Berisha
7	E	Biology and general physiology of experimental animals	30	15	15	5	Prof.Assoc. Skender Muji Prof. Assoc. Bajram Berisha
8	E	Transplantation and organ failure	30	15		5	Prof. dr. Halil Ahmetaj Prof. Asis. Burim Neziri
9	E	Experimental models in medicine	15		30	5	Prof. dr. Halil Ahmetaj

							Prof. Dr Muharrem Jakupi Prof. Asis. Burim Neziri
10	O	First Laboratory Rotation 6 weeks (Laboratory of Biomedicine Research and Laboratory of Pathology)					

I-st Year							
II-nd Semester			Hours/Semester				Mësimëdhënësi
Nr	O/E	Seminary Subjects	L	S	E/PS	ECT S	
Module of Medical Subjects							
1	O	Journal Club		45	15	5	Prof. Assoc. Shemsedin Dreshaj, Prof. Dr. Sali Ahmeti, Prof. Assoc. Gani Bajraktari, Prof. Ass. Shaip Krasniqi; Prof. Ass. Burim Neziri
2	O	Thesis Seminar		45		5	Prof. Dr. Suzana Manxhuka – Kërliu Prof. Assoc. Merita Berisha Prof. Ass. Shaip Krasniqi
3	O	Intellectual Property Rights and Project Management	30	15	15	5	Prof. Ass. Ilir Begolli Prof. Assoc. Merita Berisha
3	E	Tissue-based cancer biomarkers-current perspectives: Diagnostic, prognostic, predictive or targets of therapy	30	15	15	5	Prof. Dr. Suzana Manxhuka – Kërliu Wendy A. Wells, MD, MSc E. Elizabeth French PhD Alan R. Schned, MD PhD Vijayalakshmi, Padmanabhan, MD PhD
4	E	Clinical Studies	15	30	15	5	Prof. Assoc. Rexhep Hoxha, Prof. Ass. Shaip Krasniqi, Ass. Dr. Elton Bahtiri PhD cand., Ass. Dr. Valon Krasniqi, PhD cand.
5	E	New research trends in cardiovascular and pulmonary diseases	15	30		5	Prof. Assoc. Gani Bajraktari
6	E	Role of hypoxia as an important prognostic and predictive indicator in human cancer	30	15	15	5	Prof. ass. Burim Neziri Prof. Dr. Suzana Manxhuka-Kërliu Ass. Dr. Fisnik Kurshmliu, PhD cand. Ass. Dr. Labinot Shahini, PhD cand. Ass. Dr. Fahredin Veselaj, PhD cand.
7	E	Methods in Molecular Biology (MMB)	15	15	30	5	Prof. dr. Muharrem Jakupaj Dr.sc.Ramadan Sopi Prof.assoc.Avdulla Alija Prof.assoc. Mitko Mladenov
8	E	Aspects of biotechnology, genetically modified organisms	15	10	20	5	Prof. Dr. Bajram Berisha

		and genetic recombination					
9	E	Blood Brain Barrier and CNS diseases	15	15	30	5	Prof. Ass. Shemsedin Dreshaj Prof. Assoc. Afrim Blyta,
10		Molecular Biochemistry	15	15	30	5	Prof. Dr. Luljeta Begolli Prof. Ass. Valdete Topçiu Prof. Ass. Zana Baruti
Module of Dentistry Subjects							
1	O	Journal Club		45	15	5	Prof. Ass. Agim Begzati Prof. Blerim Kamberi Prof. Ferit Koçani
2	O	Thesis Seminar		45		5	Prof. Dr. Suzana Manxhuka – Kërliu Prof. Assoc. Merita Berisha Prof. Ass. Shaip Krasniqi
4	E	Intellectual Property Rights and Project Management	30	15	15	5	Prof. Ass. Ilir Begolli Prof. Assoc. Merita Berisha
3	E	Cariesology	15	15	30	5	Prof. Ass. Agim Begzati
4	E	Tissue-based cancer biomarkers-current perspectives: Diagnostic, prognostic, predictive or targets of therapy	30	15	15	5	Prof. Dr. Suzana Manxhuka – Kërliu Wendy A. Wells, MD, MSc E. Elizabeth French PhD Alan R. Schned, MD PhD Vijayalakshmi, Padmanabhan, MD PhD
6	E	Clinical Trials	15	30	15	15	Prof. asoc. Rexhep Hoxha Prof. Ass. Shaip Krasniqi Ass. Dr. Valon N. Krasniqi, PhD cand. Ass. Dr. Elton Bahtiri- PhD cand.
7	E	Methods in Molecular Biology (MMB)	15	15	30	5	Prof. dr. Muharrem Jakupaj Dr.sc.Ramadan Sopi Prof.assoc.Avdulla Alija Prof.assoc. Mitko Mladenov
8	E	Aspects of biotechnology, genetically modified organisms and genetic recombination	15	10	20	5	Prof. Dr. Bajram Berisha
9	E	Role of hypoxia as an important prognostic and predictive indicator in human cancer	30	15	15	5	Prof. ass. Burim Neziri Prof. Dr. Suzana Manxhuka-Kërliu Ass. Dr. Fisnik Kurshmliu, PhD cand. Ass. Dr. Labinot Shahini, PhD cand. Ass. Dr. Fahredin Veselaj, PhD cand.
10	E	Molecular Biochemistry	15	15	30	5	Prof. Dr. Luljeta Begolli Prof. Ass. Valdete Topçiu Prof. Ass. Zana Baruti
Module of Pharmacy subjects							
1	O	Journal Club		45	15	5	Prof. Ass. Adnan Bozaliija Prof. ass. Kreshnik Hoti Prof. ass. Bashkiom Kastrati
2	O	Thesis Seminar		45		5	Prof. Dr. Suzana Manxhuka – Kërliu

							Prof. Asocc. Merita Berisha Prof. Ass. Shaip Krasniqi
4	E	Intellectual Property Rights and Project Management	30	15	15	5	Prof. Ass. Ilir Begolli Prof. Asocc. Merita Berisha
3	E	Spectrometric determination of organic and bio-organic compounds	15	15	30	5	Prof. Ass. Dr Bashkim B. Kastrati Prof.Ass. Dr Meleq Bahtijari Mr. Sc.Ass.Drita Kutlovci-Zogaj
4	E	Methods of Organic synthesis	15	15	30	5	Prof. ass. Dashnor Nebiu
5	E	Study of formed nusproducts during synthesis and isolation of natural products	15	15	30	5	Prof. ass. Kreshnik Hoti
6	E	Methods in Molecular Biology (MMB)	15	15	30	5	Prof. dr. Muharrem Jakupaj Dr.sc.Ramadan Sopi Prof.assoc.Avdulla Alija Prof.assoc. Mitko Mladenov
7	E	Aspects of biotechnology, genetically modified organisms and genetic recombination	15	10	20	5	Prof. Dr. Bajram Berisha
8	E	Separation Methods in Biomedicine and Pharmacy	30	15	15	5	Prof. ass. Adnan Bozalija
9	E	Molecular Biochemistry	15	15	30	5	Prof. Dr. Luljeta Begolli Prof. Ass. Valdete Topçiu Prof. Ass. Zana Baruti
Module of Agriculture and Veterinary Subjects							
1	O	Journal Club		45	15	5	Prof. Dr. Bajram Berisha, Prof. Asoc Avdullah Alija,
2	O	Thesis Seminar		45		5	Prof. Dr. Suzana Manxhuka – Kërliu Prof. Asocc. Merita Berisha Prof. Ass. Shaip Krasniqi
4	O	Intellectual Property Rights and Project Management	30	15	15	5	Prof. Ass. Ilir Begolli Prof. Asocc. Merita Berisha
3	E	Physiological and Pathological angiogenesis	60		15	10	Prof. Dr. Bajram Berisha Prof. Dr. Lumturie LUCI
4	E	Animal Stress Physiology		60	30	10	Prof.Assoc. Skender Muji Prof.Assoc.. Hysen Bytyqi
5	E	Methods in Molecular Biology (MMB)	15	15	30	5	Prof. dr. Muharrem Jakupaj Dr.sc.Ramadan Sopi Prof.assoc.Avdulla Alija Prof.assoc. Mitko Mladenov
6	E	Aspects of biotechnology, genetically modified organisms and genetic recombination	15	10	20	5	Prof. Dr. Bajram Berisha
7	E	Molecular Biochemistry	15	15	30	5	Prof. Dr. Luljeta Begolli Prof. Ass. Valdete Topçiu Prof. Ass. Zana Baruti
8	E	Study of formed nusproducts during synthesis and isolation of natural products	45		75	10	Prof. ass. Kreshnik Hoti
Module of Natural Science Subjects							
1	O	Journal Club		45	15	5	Prof. Dr. Bajram Berisha, Prof. Asoc Avdullah Alija,
2	O	Thesis Seminar		45		5	Prof. Dr. Bajram Berisha, Prof.

							Asoc Avdullah Alija,
4	O	Intellectual Property Rights and Project Management	30	15	15	5	Prof. Ass. Ilir Begolli Prof. Asocc. Merita Berisha
3	E	Cell communication and signal transduction	60		30	10	Prof. dr. Muharrem Jakupaj Dr.sc.Ramadan Sopi Prof.assoc. Mitko Mladenov
4	E	Study of formed nusproducts during synthesis and isolation of natural products	45		60	10	Prof. ass. Kreshnik Hoti
5	E	Spectrometric determination of organic and bio-organic compounds	60		60	10	Prof. ass. Bashkim Kastrati
6	E	Methods in Molecular Biology (MMB)	15	15	30	5	Prof. dr. Muharrem Jakupaj Dr.sc.Ramadan Sopi Prof.assoc.Avdulla Alija Prof.assoc. Mitko Mladenov
7	E	Molecular Biochemistry	15	15	30	5	Prof. Dr. Luljeta Begolli Prof. Ass. Valdete Topçiu Prof. Ass. Zana Baruti
8	E	Aspects of biotechnology, genetically modified organisms and genetic recombination	15	10	20	5	Prof. Dr. Bajram Berisha

		Second Laboratory Rotation 6 weeks (Laboratory of Microbiology and Laboratory Department of Hygiene)					
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II-nd Year							
III-rd Semester			Hours/Semester				
Nr	O/Z	Subjects	L	S	E/PS	ECT S	Teaching staff
1	O	Journal Club		45	15	5	Prof. Assoc. Shemsedin Dreshaj, Prof.Dr. Sali Ahmeti , Prof. Assoc. Gani Bajraktari, Prof. Dr. Bajram Berisha, Prof. Asoc Avdullah Alija, Prof. Ass. Shaip Krasniqi; Prof. Ass. Burim Neziri
2	O	Thesis Seminar		45		5	Prof. Dr. Suzana Manxhuka – Kërliu Prof. Asocc. Merita Berisha Prof. Ass. Shaip Krasniqi

		Third Laboratory Rotation 6 weeks (Laboratory of Biochemistry and Laboratory Department of Radiology)					
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II-nd Year							
IV-th Semester			Hours/Semester				

Nr.	O/Z	Subjects	L	S	E/PS	ECT S	Teaching staff
1	O	Journal Club		45	15	5	Prof. Assoc. Shemsedin Dreshaj, Prof.Dr. Sali Ahmeti , Prof. Assoc. Gani Bajraktari, Prof. Dr. Bajram Berisha, Prof. Asoc Avdullah Alija, Prof. Ass. Shaip Krasniqi; Prof. Ass. Burim Neziri
2	O	Thesis Seminar		45		5	Prof. Dr. Suzana Manxhuka – Kërliu Prof. Asocc. Merita Berisha Prof. Ass. Shaip Krasniqi

		Fourth Laboratory Rotation 9 weeks (Laboratory of Kosovo Medicinal Agency)					
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III-rd Year							
V-th Semester			Hours/Semester				
Nr.	O/Z	Subjects	L	S	E/PS	ECT S	Teaching staff
1	O	Journal Club		45	15	5	Prof. Assoc. Shemsedin Dreshaj, Prof.Dr. Sali Ahmeti , Prof. Assoc. Gani Bajraktari, Prof. Dr. Bajram Berisha, Prof. Asoc Avdullah Alija, Prof. Ass. Shaip Krasniqi; Prof. Ass. Burim Neziri
2	O	Thesis Seminar		45		5	Prof. Dr. Suzana Manxhuka – Kërliu Prof. Asocc. Merita Berisha Prof. Ass. Shaip Krasniqi

III-rd Year							
VI-th Semester			Hours/Semester				
Nr.	O/Z	Subjects	L	S	E/PS	ECT S	Teaching staff
1	O	Journal Club		45	15	5	Prof. Assoc. Shemsedin Dreshaj, Prof.Dr. Sali Ahmeti , Prof. Assoc. Gani Bajraktari, Prof. Dr. Bajram Berisha, Prof. Asoc Avdullah Alija, Prof. Ass. Shaip Krasniqi; Prof. Ass. Burim Neziri
2	O	Thesis Seminar		45		5	Prof. Dr. Suzana Manxhuka – Kërliu Prof. Asocc. Merita Berisha

							Prof. Ass. Shaip Krasniqi
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L-Lecture; S-Seminar; E/LK-exercise/Laboratory skills