

PTE - GYTK: Biotechnology BSc 2022

WHEN	SEMESTER	REC. SEMESTER	SUBJECT ID	SUBJECT TITLE	COURSE DIRECTOR	ORGANISATIONAL UNIT	PREREQUISITE 1	PREREQUISITE 2	PREREQUISITE 3	LECTURE	PRACTICE	SEMINAR	TOTAL	GRADE	CREDITS
2022/2023	1	fall	OTL-EUEB-T	European Union Epistemology in Biotechnology	Dr. Judit PONGRÁCZ	Department of Pharmaceutical Biotechnology	-	-	-	0	0	14	14	Midsemester grade	1
2022/2023	1	fall	OTV-SEBI-T	Cell Biology	Dr. Katalin SIPOS	Department of Pharmaceutical Biology	-	-	-	14	28	14	56	Semester exam	5
2022/2023	1	fall	OTN-BFB1-T	Physical and Biophysical Foundation of Biotechnology I	Dr. László GRAMA	Department of Biophysics	-	-	-	14	28	14	56	Semester exam	5
2022/2023	1	fall	OTN-GENC-T	General Chemistry	Dr. Pál PERJÉSI	Institute of Pharmaceutical Chemistry	-	-	-	28	14	14	56	Semester exam	4
2022/2023	1	fall	OTN-MBBS-T	Mathematical Foundation of Biostatistics	Dr. Éva HIDEG	Institute of Biology	-	-	-	0	28	14	42	Semester exam	4
2022/2023	1	fall	OTN-PHYC-T	Physical Chemistry	Dr. Katalin ÓSZ	Institute of Chemistry	-	-	-	14	28	0	42	Semester exam	5
2022/2023	1	fall	OTN-INOC-T	Inorganic Chemistry	Dr. Attila HORVÁTH	Institute of Chemistry	-	-	-	28	28	0	56	Semester exam	4
2022/2023	2	spring	OTL-GBEM-T	General and Biotechnological Economy and Management	Dr. Antal ZEMPLÉNYI	Center for Health Technology Assessment and Pharmacoeconomic Research	-	-	-	14	0	14	28	Midsemester grade	2
2022/2023	2	spring	OTL-BIOE-T	Bioethics	Dr. Tibor SZOLCSÁNYI	Department of Behavioural Sciences	-	-	-	0	0	14	14	Midsemester grade	1
2022/2023	2	spring	OTV-GEMI-T	General Microbiology	Dr. Zoltán GAZDAG	Institute of Biology	OTV-SEBI-T	-	-	14	28	0	42	Semester exam	3
2022/2023	2	spring	OTV-BIC1-T	Biochemistry I	Dr. Katalin SIPOS	Department of Pharmaceutical Biology	OTN-GENC-T	OTV-SEBI-T	-	14	0	28	42	Semester exam	3
2022/2023	2	spring	OTN-BFB2-T	Physical and Biophysical Foundation of Biotechnology II	Dr. László GRAMA	Department of Biophysics	-	-	-	14	28	14	56	Semester exam	5
2022/2023	2	spring	OTN-BBPC-T	Biotechnology on the Border of Physics and Chemistry	Dr. Sándor KUNSÁGI-MÁTÉ	Department of Organic and Pharmacological Chemistry	OTN-PHYC-T	OTN-MBBS-T	-	14	14	0	28	Semester exam	3
2022/2023	2	spring	OTN-MBFB-T	Mathematical and Biostatistical Foundation of Biotechnology	Dr. Beáta BUGYI	Department of Biophysics	OTN-MBBS-T	-	-	28	28	14	70	Semester exam	5
2022/2023	2	spring	OTN-ORGC-T	Organic Chemistry	Dr. Tamás KÁLAI	Department of Organic and Pharmacological Chemistry	OTN-GENC-T	-	-	28	14	14	56	Semester exam	5
2022/2023	2	spring	OTS-THE1-T	Thesis I		Department of Pharmaceutical Biotechnology	-	-	-				0	Midsemester grade	1
2023/2024	3	fall	OTV-GGM1-T	Genetic Background of Gene Manipulation I.	Dr. Veronika CSÖNGEI	Department of Pharmaceutical Biotechnology	OTV-BIC1-T	OTV-SEBI-T	OTN-MBFB-T	28	28	0	56	Semester exam	6
2023/2024	3	fall	OTV-BIC2-T	Biochemistry II	Dr. Katalin SIPOS	Department of Pharmaceutical Biology	OTV-BIC1-T	-	-	14	28	14	56	Semester exam	4
2023/2024	3	fall	OTV-HPHY-T	Human Physiology	Dr. Dóra ZELENA	Institute of Physiology	OTN-BFB2-T	OTV-BIC1-T	-	28	28	0	56	Semester exam	6
2023/2024	3	fall	OTV-EXAB-T	Experimental Animals in Biotechnology	Dr. Róbert GÁBRIEL	Institute of Biology	OTV-SEBI-T	OTV-GEMI-T	OTL-BIOE-T	14	14	14	42	Semester exam	4
2023/2024	3	fall	OTV-PPLH-T	Physiology of Plants and Herbs	Dr. Györgyi HORVÁTH	Department of Pharmacognosy	OTV-SEBI-T	OTV-BIC1-T	-	14	28	14	56	Semester exam	4
2023/2024	3	fall	OTV-BMMB-T	Biomedical Microbiology	Dr. Mónika KERÉNYI	Department of Medical Microbiology and Immunology	OTV-GEMI-T	-	-	14	28	0	42	Midsemester grade	3
2023/2024	3	fall	OTN-ANLC-T	Analytical Chemistry	Dr. Attila FELINGER	Institute of Chemistry	OTN-MBBS-T	OTN-MBFB-T	OTN-INOC-T	14	28	14	56	Semester exam	4
2023/2024	3	fall	OTS-THE2-T	Thesis II		Department of Pharmaceutical Biotechnology	OTS-THE1-T	-	-				0	Midsemester grade	1
2023/2024	4	spring	OTM-MAND-T	Modern Analytical Devices	Dr. Aleksandar SZÉCHENYI	Institute of Pharmaceutical Technology and Biopharmacy	OTN-ANLC-T	-	-	14	28	0	42	Semester exam	5
2023/2024	4	spring	OTM-MGT1-T	Molecular Biology and Gene Technology I	Dr. Krisztián KVELL	Department of Pharmaceutical Biotechnology	OTV-BIC2-T	-	-	28	28	14	70	Semester exam	8
2023/2024	4	spring	OTL-COMM-T	Communication	Dr. Zsuzsanna FÜZESI	Department of Behavioural Sciences	-	-	-	0	0	14	14	Midsemester grade	1
2023/2024	4	spring	OTV-GGM2-T	Genetic Background of Gene Manipulation II	Dr. Veronika CSÖNGEI	Department of Pharmaceutical Biotechnology	OTV-BIC2-T	OTV-GGM1-T	-	14	28	14	56	Midsemester grade	7
2023/2024	4	spring	OTV-IMMU-T	Immunology	Dr. Krisztián KVELL	Department of Pharmaceutical Biotechnology	OTV-SEBI-T	-	-	28	28	14	70	Semester exam	5
2023/2024	4	spring	OTV-IBI1-T	Informatics and Bioinformatics I	Dr. Attila GYENESEI	Bioinformatics Research Group	OTN-MBBS-T	OTN-MBFB-T	-	0	28	28	56	Midsemester grade	4
2023/2024	4	spring	OTS-THE3-T	Thesis III		Department of Pharmaceutical Biotechnology	OTS-THE2-T	-	-				0	Midsemester grade	2
2024/2025	5	fall	OTM-PMBT-T	Pharmaceutical and Medical Biotechnology	Dr. Judit PONGRÁCZ	Department of Pharmaceutical Biotechnology	OTM-MGT1-T	OTM-MAND-T	OTV-IBI1	28	28	14	70	Semester exam	7
2024/2025	5	fall	OTM-INBT-T	Industrial Biotechnology	Dr. Tamás CZÖMPÖLY	external lecturer	OTN-INOC-T	OTN-ORGC-T	OTV-SEBI-T	14	14	14	42	Semester exam	5
2024/2025	5	fall	OTM-AGBT-T	Agricultural Biotechnology	Dr. István MAGYARY	Department of Rural Development	OTN-ORGC-T	OTV-PPLH-T	OTM-MGT1	14	0	14	28	Semester exam	3
2024/2025	5	fall	OTM-MGT2-T	Molecular Biology and Gene Technology II	Dr. Krisztián KVELL	Department of Pharmaceutical Biotechnology	OTM-MGT1-T	OTV-GGM2-T p	-	28	28	14	70	Semester exam	8
2024/2025	5	fall	OTV-IBI2-T	Informatics and Bioinformatics II	Dr. Attila GYENESEI	Bioinformatics Research Group	-	-	-	0	28	28	56	Midsemester grade	4

2024/2025	5	fall	OTS-THE4-T	Thesis IV		Department of Pharmaceutical Biotechnology	OTS-THE3-T	-	-			20	20	Midsemester grade	4
2024/2025	6	spring	OTM-EVBT-T	Environmental Biotechnology	Dr. Csaba FEKETE	Institute of Biology	OTV-BIC2-T	OTV-GGM2-T	OTV-GEMI-T	14	14	14	42	Semester exam	3
2024/2025	6	spring	OTM-QABS-T	Quality Assurance, Biosafety	Dr. András FITTLER	Department of Pharmaceutics and Central Clinical Pharmacy	OTV-BMMB-T	OTV-IMMU-T	OTN-MBFB-T	0	28	0	28	Midsemester grade	2
2024/2025	6	spring	OTM-EXDS-T	Experimental Data Science	Dr. Ágnes FARKAS	Department of Pharmacognosy	-	-	-	0	14	14	28	Midsemester grade	3
2024/2025	6	spring	OTV-OMME-T	Omics Methods	Dr. Csaba FEKETE	Institute of Biology	OTV-BIC2	OTV-GGM2-T	OTV-IBI2-T	14	28	14	56	Semester exam	4
2024/2025	6	spring	OTS-THE5-T	Thesis V		Department of Pharmaceutical Biotechnology	OTS-THE4-T	-	-			20	20	Midsemester grade	4
2024/2025	6	spring	OTS-PROP-T	Professional Practice	Dr. Krisztina BÁNFAI	Department of Pharmaceutical Biotechnology	-	-	-		240		240	Midsemester grade	4