

Biology, Specialization: Molecular Biology (MSc) – study schedule 2022/2023 – 2nd semester

L – laboratory, T – field classes, S – seminar, CA – exercise, KW – tutorial, E – examination, Pg – pass with grade

Courses	No. of hours			Form of course completion	Credits ECTS
	Total	Lecture	Classes		
Biochemical and molecular ecology <u>Prof. Andrzej Mazur *</u> <u>Prof. Grzegorz Janusz **</u> andrzej.mazur@mail.umcs.pl grzegorz.janusz@mail.umcs.pl *Department of Genetics and Microbiology (Katedra Genetyki i Mikrobiologii), level 2 B **Department of Biochemistry and Biotechnology (Katedra Biochemii i Biotechnologii), level 2 B	45	15	30 L	Exam	3
Bioinformatics <i>Labs: Dr. hab. Michał Kalita *, Dr. Piotr Koper, * Dr. Przemysław Grela **</i> michal.kalita@mail.umcs.pl piotr.koper@mail.umcs.pl przemyslaw.grela@mail.umcs.pl *Department of Genetics and Microbiology (Katedra Genetyki i Mikrobiologii), level 2 B **Department of Molecular Biology (Katedra Biologii Molekularnej), level 0 A	60	-	60 L	Exam	5
Next-generation sequencing and beyond <i>Labs: Dr. Piotr Koper</i> piotr.koper@mail.umcs.pl Department of Genetics and Microbiology (Katedra Genetyki i Mikrobiologii), level 2 B	30	-	30	Exam	3
Microbial infectivity, drug resistance and diagnostics <u>Prof. Jolanta Kutkowska, Prof. Anna Turska-Szewczuk,</u> <u>Prof. Sylwia Wdowiak-Wróbel</u> jolanta.kutkowska@mail.umcs.pl anna.turska-szewczuk@mail.umcs.pl sylwia.wdowiak-wrobel@mail.umcs.pl <i>Labs: Prof. Anna Turska-Szewczuk, Dr. Katarzyna Dworaczek, Dr. Magdalena Wójcik</i> anna.turska-szewczuk@mail.umcs.pl katarzyna.dworaczek@mail.umcs.pl magdalena.wojcik2@mail.umcs.pl Department of Genetics and Microbiology (Katedra Genetyki i Mikrobiologii), level 2 B	30	15	15	Exam	3
Innovations in environmental microbiology and sustainable development <u>Prof. Jaco Vangronsveld</u> jaco.vangronsveld@mail.umcs.pl Department of Plant Physiology and Biophysics (Katedra Fizjologii Roślin i Biofizyki), level -1 B	15	15	-	Pg	1
Vaccines and plasma-based preparations of therapeutic purpose <u>Dr. Magdalena Mizerska-Kowalska</u> magdalena.mizerska-kowalska@mail.umcs.pl Department of Virology and Immunology (Katedra Wirusologii i Immunologii), level 3 A	30	15	15 CA	Pg	3
Host-pathogen interactions <u>Prof. Aneta Ptaszyńska,</u> aneta.ptaszynska@mail.umcs.pl Department of Immunology (Katedra Immunologii), level -2 B	30	15	15 CA	Pg	3
Academic lecture self-enrolment (Virtual Campus)	15	15		Pg	1

Research project individual agreement with the supervisor	100			Pg	7
Polish language <u>Dr. Agnieszka Trzeźniewska-Nowak</u> <u>agnieszka.trzesniewska-nowak@mail.umcs.pl</u> The Polish Language and Culture Centre for Polish People from Abroad and Foreigners (<i>Centrum Języka i Kultury Polskiej dla Polonii i Cudzoziemców</i>), 18 Weteranów Street	30	-	30 KW	Pg	2

The University uses the following grading scheme: excellent 5; very good 4,5; good 4; adequate 3,5; fair 3; unacceptable 2; pass ZAL; not qualified NK; fail NZAL; absent NB

I year supervisor: Dr. Anna Rysiak

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Molecular Biology coordinator: Prof. Małgorzata Wójcik

Department of Plant Physiology and Biophysics (Katedra Fizjologii Roślin i Biofizyki), level -1 B, Room No. 0155B, email: malgorzata.wojcik@mail.umcs.pl