

## Biology, Specialization: Medical Biology (BSc) – study schedule

2022/2023 – 6th semester

Cw – classes, L – laboratory, K – conversation classes, T – field classes, S – seminar

| Courses                                                                                                                                                                                                                                                                                                                                                                                           | No. of hours |         |         | Form of course completion | Credits ECTS |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|---------|---------|---------------------------|--------------|
|                                                                                                                                                                                                                                                                                                                                                                                                   | Total        | Lecture | Classes |                           |              |
| <b>Biochemical methods in clinical analysis</b><br><u>Prof. Marcin Graż</u><br><a href="mailto:marcin.graz@mail.umcs.pl">marcin.graz@mail.umcs.pl</a><br>Labs: <u>Dr. Dawid Stefaniuk</u><br><a href="mailto:dawid.stefaniuk@mail.umcs.pl">dawid.stefaniuk@mail.umcs.pl</a><br>Department of Biochemistry and Biotechnology (Katedra Biochemii i Biotechnologii), <b>level 2 B</b>                | 45           | 15      | 30 L    | Credit                    | 3.5          |
| <b>Biomaterial engineering in medicine</b><br><u>Dr. hab. Monika Osinska-Jaroszuk</u><br><a href="mailto:monika.osinska-jaroszuk@mail.umcs.pl">monika.osinska-jaroszuk@mail.umcs.pl</a><br>Department of Biochemistry and Biotechnology (Katedra Biochemii i Biotechnologii), <b>level 2 B</b>                                                                                                    | 15           | 15      | -       | Credit                    | 1            |
| <b>Biotechnology</b><br><u>Prof. Jerzy Rogalski</u><br><a href="mailto:jerzy.rogalski@mail.umcs.pl">jerzy.rogalski@mail.umcs.pl</a><br>Department of Biochemistry and Biotechnology (Katedra Biochemii i Biotechnologii), <b>level 2 B</b>                                                                                                                                                        | 30           | 30      | -       | Credit                    | 1,5          |
| <b>Human ecology</b><br><u>Dr. Magdalena Franczak</u><br><a href="mailto:magdalena.franczak@mail.umcs.pl">magdalena.franczak@mail.umcs.pl</a><br>Department of Botany, Mycology and Ecology (Katedra Botaniki, Mykologii i Ekologii), <b>level 2 B</b>                                                                                                                                            | 30           | 15      | 15 K    | Credit                    | 1,5          |
| <b>Mechanisms of evolution</b><br><u>Dr. Marzanna Paździoch-Czochra</u><br><a href="mailto:marzanna.pazdzioch-czochra@mail.umcs.pl">marzanna.pazdzioch-czochra@mail.umcs.pl</a><br>Department of Biochemistry and Biotechnology (Katedra Biochemii i Biotechnologii), <b>level 2 B</b>                                                                                                            | 30           | 15      | 15 K    | Exam                      | 2.5          |
| <b>Pharmacological botany</b><br><u>Dr. hab. Małgorzata Wrzesień</u><br><a href="mailto:malgorzata.wrzesien@mail.umcs.pl">malgorzata.wrzesien@mail.umcs.pl</a><br>Labs: <u>Dr. hab. Małgorzata Wrzesień</u><br>Department of Botany, Mycology and Ecology (Katedra Botaniki, Mykologii i Ekologii), <b>level 2 B</b>                                                                              | 75           | 30      | 40 + 5T | Credit with grade         | 6            |
| <b>Plant physiology – an extensive course</b><br><u>Prof. Małgorzata Wójcik</u><br><a href="mailto:malgorzata.wojcik@mail.umcs.pl">malgorzata.wojcik@mail.umcs.pl</a><br>Labs: <u>Dr. Kamila Kupisz</u><br><a href="mailto:kamila.kupisz@mail.umcs.pl">kamila.kupisz@mail.umcs.pl</a><br>Department of Plant Physiology and Biophysics (Katedra Fizjologii Roślin i Biofizyki), <b>level -1 B</b> | 90           | 30      | 60      | Exam                      | 8            |
| <b>Seminar</b>                                                                                                                                                                                                                                                                                                                                                                                    | 45           | -       | 45 S    | Credit                    | 3            |
| <b>Thesis + final exam</b>                                                                                                                                                                                                                                                                                                                                                                        |              |         |         | Exam                      | 3            |

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

### III year supervisor: Dr. Kamila Kupisz

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### Medical Biology coordinator: Dr. hab. Małgorzata Wójcik prof. UMCS

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