

|    |                                                | Godziny |    |     |    |    | I  |    |    |   |   | II   |    |    |    |   | III |      |    |    |   | IV |   |      |   |    | V |   |   |      |   | VI |   |   |   |      | VII |   |   |   |   |      |   |   |   |   |   |      |  |  |
|----|------------------------------------------------|---------|----|-----|----|----|----|----|----|---|---|------|----|----|----|---|-----|------|----|----|---|----|---|------|---|----|---|---|---|------|---|----|---|---|---|------|-----|---|---|---|---|------|---|---|---|---|---|------|--|--|
|    | Przedmioty wspólne                             | Suma    | W  | C   | L  | P  | W  | C  | L  | P | E | ECTS | W  | C  | L  | P | E   | ECTS | W  | C  | L | P  | E | ECTS | W | C  | L | P | E | ECTS | W | C  | L | P | E | ECTS | W   | C | L | P | E | ECTS | W | C | L | P | E | ECTS |  |  |
| 1  | WF                                             | 60      |    | 60  |    |    |    |    |    |   |   |      |    |    |    |   |     |      |    |    |   |    |   |      |   |    |   |   |   |      |   |    |   |   |   |      |     |   |   |   |   |      |   |   |   |   |   |      |  |  |
| 2  | Język obcy                                     | 120     |    | 120 |    |    | 30 |    |    |   |   | 2    |    | 30 |    |   |     | 2    |    | 30 |   |    |   | 2    |   | 30 |   |   | E | 2    |   |    |   |   |   |      |     |   |   |   |   |      |   |   |   |   |   |      |  |  |
| 3  | Techniki i narzędzia komunikacji               | 30      | 15 | 15  |    |    | 15 | 15 |    |   |   | 3    |    |    |    |   |     |      |    |    |   |    |   |      |   |    |   |   |   |      |   |    |   |   |   |      |     |   |   |   |   |      |   |   |   |   |   |      |  |  |
| 4  | Wprowadzenie do przedsiębiorczości             | 30      | 30 |     |    |    |    |    |    |   |   |      | 30 |    |    |   |     | 2    |    |    |   |    |   |      |   |    |   |   |   |      |   |    |   |   |   |      |     |   |   |   |   |      |   |   |   |   |   |      |  |  |
| 5  | Ochrona własności intelektualnej               | 15      | 15 |     |    |    |    |    |    |   |   |      |    |    |    |   |     |      | 15 |    |   |    |   |      | 1 |    |   |   |   |      |   |    |   |   |   |      |     |   |   |   |   |      |   |   |   |   |   |      |  |  |
| 6  | Matematyka dla inżynierów                      | 30      |    | 30  |    |    |    | 30 |    |   |   | 3    |    |    |    |   |     |      |    |    |   |    |   |      |   |    |   |   |   |      |   |    |   |   |   |      |     |   |   |   |   |      |   |   |   |   |   |      |  |  |
| 7  | Matematyka                                     | 90      | 30 | 60  |    |    |    |    |    |   |   |      | 30 | 60 |    |   | E   | 8    |    |    |   |    |   |      |   |    |   |   |   |      |   |    |   |   |   |      |     |   |   |   |   |      |   |   |   |   |   |      |  |  |
| 8  | Matematyka kierunkowa                          | 60      | 30 | 30  |    |    |    |    |    |   |   |      |    |    |    |   |     |      | 30 | 30 |   |    | E | 3    |   |    |   |   |   |      |   |    |   |   |   |      |     |   |   |   |   |      |   |   |   |   |   |      |  |  |
| 9  | Informatyka i podstawy programowania           | 30      | 10 |     | 20 |    | 10 |    | 20 |   | E | 3    |    |    |    |   |     |      |    |    |   |    |   |      |   |    |   |   |   |      |   |    |   |   |   |      |     |   |   |   |   |      |   |   |   |   |   |      |  |  |
| 10 | Grafika inżynierska                            | 30      |    |     | 30 |    |    |    | 30 |   |   | 3    |    |    |    |   |     |      |    |    |   |    |   |      |   |    |   |   |   |      |   |    |   |   |   |      |     |   |   |   |   |      |   |   |   |   |   |      |  |  |
| 11 | Podstawy inżynierii biomedycznej               | 120     | 40 |     | 80 |    | 40 |    | 80 |   | E | 14   |    |    |    |   |     |      |    |    |   |    |   |      |   |    |   |   |   |      |   |    |   |   |   |      |     |   |   |   |   |      |   |   |   |   |   |      |  |  |
| 12 | Fizyka                                         | 75      | 15 | 60  |    |    |    |    |    |   |   |      |    | 30 |    |   |     | 2    | 15 | 30 |   |    |   | 3    |   |    |   |   |   |      |   |    |   |   |   |      |     |   |   |   |   |      |   |   |   |   |   |      |  |  |
| 13 | Fizyka kierunkowa                              | 30      | 15 |     | 15 |    |    |    |    |   |   |      |    |    |    |   |     |      |    | 15 |   | 15 |   |      | 2 |    |   |   |   |      |   |    |   |   |   |      |     |   |   |   |   |      |   |   |   |   |   |      |  |  |
| 14 | Podstawy anatomii i fizjologii                 | 30      |    | 30  |    |    |    |    |    |   |   |      |    |    |    |   |     |      |    | 30 |   |    |   | 2    |   |    |   |   |   |      |   |    |   |   |   |      |     |   |   |   |   |      |   |   |   |   |   |      |  |  |
| 15 | Dane biomedyczne                               | 60      |    |     | 60 |    |    |    |    |   |   |      |    |    | 60 |   | E   | 5    |    |    |   |    |   |      |   |    |   |   |   |      |   |    |   |   |   |      |     |   |   |   |   |      |   |   |   |   |   |      |  |  |
| 16 | Technologie inżynierskie w medycynie i sporcie | 60      | 30 |     | 30 |    |    |    |    |   |   |      | 30 |    | 30 |   | E   | 5    |    |    |   |    |   |      |   |    |   |   |   |      |   |    |   |   |   |      |     |   |   |   |   |      |   |   |   |   |   |      |  |  |
| 17 | Wprowadzenie do pracy problemowej (PBL)        | 45      |    |     |    | 45 |    | </ |    |   |   |      |    |    |    |   |     |      |    |    |   |    |   |      |   |    |   |   |   |      |   |    |   |   |   |      |     |   |   |   |   |      |   |   |   |   |   |      |  |  |

**Plan studiów obowiązuje od roku akademickiego: 2023/2024**