

**PLAN STUDIÓW NIESTACJONARNYCH, 1 STOPNIA (INŻYNIERSKICH, 4-LETNICH)  
NA KIERUNKU INŻYNIERIA ŚRODOWISKA**

Zatwierdzony Uchwałą Rady Wydziału z dnia 1 lutego 2017 roku

Studia realizowane są w trybie ośmiu zjazdów plus sesja

| L.p. | Przedmiot                           | Liczba godzin |    |       |      | Rok I  |    | Rok II |    | Rok III |    |        |    | Rok IV |    |        |    | Liczba zajęć w ost. sem. |    | ECTS w semestrze |    |   |   |   |   |   |   |        |   |        |  |
|------|-------------------------------------|---------------|----|-------|------|--------|----|--------|----|---------|----|--------|----|--------|----|--------|----|--------------------------|----|------------------|----|---|---|---|---|---|---|--------|---|--------|--|
|      |                                     |               |    |       |      | sem. 1 |    | sem. 2 |    | sem. 3  |    | sem. 4 |    | sem. 5 |    | sem. 6 |    |                          |    |                  |    |   |   |   |   |   |   | sem. 7 |   | sem. 8 |  |
|      |                                     | w             | ćw | proj. | lab. | w      | ćw | w      | ćw | w       | ćw | w      | ćw | w      | ćw | w      | ćw | w                        | ćw | w                | ćw | 1 | 2 | 3 | 4 | 5 | 6 | 7      | 8 |        |  |
| 1    | Technologie informacyjne            | 0             |    |       | 24   | 0      | 3  |        |    |         |    |        |    |        |    |        |    |                          |    |                  |    | 2 |   |   |   |   |   |        |   |        |  |
| 2    | Rysunek tech. i geom. wykreślna     | 16            |    |       | 14   | 2      | 2  |        |    |         |    |        |    |        |    |        |    |                          |    |                  | 7  | 4 |   |   |   |   |   |        |   |        |  |
| 3    | Podstawy prawoznawstwa              | 15            | 0  |       |      | 2      | 0  |        |    |         |    |        |    |        |    |        |    |                          |    |                  |    | 1 |   |   |   |   |   |        |   |        |  |
| 4    | Fizyka                              | 30            |    |       | 30   | 2      | 3  | 2      | 1  |         |    |        |    |        |    |        |    |                          |    | 7                | 6  | 3 | 2 |   |   |   |   |        |   |        |  |
| 5    | Chemia                              | 29            |    |       | 31   | 3      | 3  | 1      | 2  |         |    |        |    |        |    |        |    |                          |    | 5                | 5  | 3 | 2 |   |   |   |   |        |   |        |  |
| 6    | Matematyka                          | 72            | 48 |       |      | 3      | 2  | 3      | 2  | 3       | 2  |        |    |        |    |        |    |                          |    |                  |    | 3 | 3 | 3 |   |   |   |        |   |        |  |
| 7    | Przedmiot humanistyczny             | 24            | 0  |       |      |        |    | 3      | 0  |         |    |        |    |        |    |        |    |                          |    |                  |    |   | 2 |   |   |   |   |        |   |        |  |
| 8    | Geologia i hydrogeologia            | 16            |    |       | 14   |        |    | 2      | 2  |         |    |        |    |        |    |        |    |                          |    | 7                |    |   | 5 |   |   |   |   |        |   |        |  |
| 9    | Ekonomia                            | 16            | 0  |       |      |        |    | 2      | 0  |         |    |        |    |        |    |        |    |                          |    |                  |    |   | 2 |   |   |   |   |        |   |        |  |
| 10   | Informatyczne podst. projektowania  | 8             |    |       | 48   |        |    | 1      | 2  | 0       | 2  | 0      | 2  |        |    |        |    |                          |    |                  |    |   | 3 | 2 | 2 |   |   |        |   |        |  |
| 11   | Geodezja i kartografia              | 16            |    |       | 16   |        |    |        |    | 2       | 2  |        |    |        |    |        |    |                          |    |                  |    |   |   | 4 |   |   |   |        |   |        |  |
| 12   | Mechanika i wytrzymałość mat.       | 16            |    | 16    |      |        |    |        |    | 2       | 2  |        |    |        |    |        |    |                          |    |                  |    |   |   | 6 |   |   |   |        |   |        |  |
| 13   | Mechanika gruntów i geotechnika     | 16            | 32 |       |      |        |    |        |    | 1       | 2  | 1      | 2  |        |    |        |    |                          |    |                  |    |   |   | 3 | 4 |   |   |        |   |        |  |
| 14   | Mechanika płynów                    | 16            |    | 28    | 4    |        |    |        |    | 1       | 2  | 1      | 2  |        |    |        |    |                          |    |                  |    |   |   | 3 | 4 |   |   |        |   |        |  |
| 15   | Biologia i ekologia                 | 30            | 30 |       |      |        |    |        |    | 2       | 2  | 2      | 2  |        |    |        |    |                          |    | 7                | 7  |   |   | 2 | 3 |   |   |        |   |        |  |
| 16   | Język obcy                          | 0             | 96 |       |      |        |    |        |    |         |    | 0      | 3  | 0      | 3  | 0      | 3  | 0                        | 3  |                  |    |   |   |   |   | 1 | 2 | 2      | 2 |        |  |
| 17   | Meteorologia i klimatologia         | 8             | 8  |       |      |        |    |        |    |         |    | 1      | 1  |        |    |        |    |                          |    |                  |    |   |   |   | 3 |   |   |        |   |        |  |
| 18   | Rolnicze podst. kształt. środowiska | 8             |    | 16    |      |        |    |        |    |         |    | 1      | 2  |        |    |        |    |                          |    |                  |    |   |   |   | 4 |   |   |        |   |        |  |
| 19   | Systemy informacji przestrzennej    | 0             |    |       | 16   |        |    |        |    |         |    | 0      | 2  |        |    |        |    |                          |    |                  |    |   |   |   | 3 |   |   |        |   |        |  |
| 20   | Materiałoznawstwo                   | 16            |    |       | 16   |        |    |        |    |         |    | 2      | 2  |        |    |        |    |                          |    |                  |    |   |   |   | 4 |   |   |        |   |        |  |
| 21   | Budownictwo ogólne                  | 16            |    | 8     |      |        |    |        |    |         |    |        |    | 2      | 1  |        |    |                          |    |                  |    |   |   |   |   |   | 4 |        |   |        |  |
| 22   | Zagrożenia i ochrona atmosfery      | 8             | 8  |       |      |        |    |        |    |         |    |        |    | 1      | 1  |        |    |                          |    |                  |    |   |   |   |   |   | 3 |        |   |        |  |
| 23   | Gleboznawstwo i rekultywacja        | 16            |    |       | 16   |        |    |        |    |         |    |        |    | 2      | 2  |        |    |                          |    |                  |    |   |   |   |   |   | 4 |        |   |        |  |
| 24   | Podstawy melioracji                 | 16            |    | 16    |      |        |    |        |    |         |    |        |    | 2      | 2  |        |    |                          |    |                  |    |   |   |   |   |   | 4 |        |   |        |  |

