

PLAN STUDIÓW

| L.p. | Nazwa przedmiotu | L. egz. | ECTS | Liczba god. | Rozdział zajęć programowych na semestry | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|---------|------|-------------|---|-------------|---|-----|---|--------|---|---|---|-----|---------|------|---|---|---|--------|---|------|---|---|-------|-----|---|------|---|--------|---|-----|---|------|---------|---|---|-----|---|------|---|---|---|-----|---|------|--|--|--|--|--|
| | | | | | sem I | | | | | sem II | | | | | sem III | | | | | sem IV | | | | | sem V | | | | | sem VI | | | | | sem VII | | | | | | | | | | | | | | | | |
| | | | | | W | Ć | I | p/s | e | ECTS | W | Ć | I | p/s | e | ECTS | W | Ć | I | p/s | e | ECTS | W | Ć | I | p/s | e | ECTS | W | Ć | I | p/s | e | ECTS | W | Ć | I | p/s | e | ECTS | W | Ć | I | p/s | e | ECTS | | | | | |
| A. PRZEDMIOTY KSZTAŁCENIA OGÓLNEGO | | | | | 15 | 330 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | Język obcy wybieralny | 1 | 5 | 120 | | | | | | | | 2 | | | | 1 | | | | | | 2 | | | | | | 1 | | | | | | 2 | | | | | | 1 | | | | | | 2 | | | | | |
| 2 | Przedmiot humanistyczny - wybieralny | 0 | 3 | 60 | 2 | | | | | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | 1 | | | | | |
| 3 | Bezpieczeństwo pracy i ergonomia | 0 | 1 | 15 | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | 1 | | | | | | | | | | | | | | | | | |
| 4 | Ochrona własności intelektualnej | 0 | 1 | 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | 1 | | | | | |
| 5 | Technologie informacyjne | 0 | 3 | 60 | | | | | | 1 | | 1 | | | | 2 | | | 2 | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | Wychowanie fizyczne | 0 | 2 | 60 | | | 1 | | | | | 1 | | | | 1 | | | | | | | | | | | | | 1 | | | | | | | | | | | 1 | | | | | | | | | | | |
| B. PRZEDMIOTY PODSTAWOWE | | | | | 39 | 435 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | Matematyka | 2 | 11 | 120 | 2 | 1 | | | | E | 5 | 2 | 1 | | | E | 4 | 1 | 1 | | | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | Fizyka | 0 | 6 | 75 | 2 | 1 | | | | | 4 | 1 | 1 | | | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | Biologia i mikrobiologia | 1 | 11 | 120 | 2 | 2 | | | | 5 | 1 | 1 | 2 | | | E | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | Chemia i biochemia | 1 | 11 | 120 | 2 | 2 | 1 | | | 6 | 1 | 2 | | | | E | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C. PRZEDMIOTY KIERUNKOWE I SPECJALNOŚCIOWE | | | | | 156 | 1740 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | Geologia, geomorfologia i gleboznawstwo | 0 | 4 | 60 | 1 | | 1 | | | 2 | 1 | 1 | | | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | Hydrologia i gospodarowanie wodą | 0 | 4 | 60 | | | | | | | 2 | 1 | 1 | | | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | Meteorologia i klimatologia | 0 | 4 | 60 | 2 | 1 | | | | 3 | | 1 | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | Ochrona przyrody | 1 | 4 | 45 | | | | | | | | | | | 2 | | 1 | E | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | Ekologia | 1 | 6 | 60 | | | | | | | | | | | | | | | | | | | | | | 2 | 1 | 1 | | | E | 6 | | | | | | | | | | | | | | | | | | | |
| 6 | Prawodawstwo i ekonomia ochrony środowiska | 0 | 5 | 75 | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | | | 2 | 1 | 2 | | | 3 | | | | | | | | | | | | | | | |
| 7 | Technologie stosowane w ochronie środowiska | 3 | 16 | 180 | | | | | | | | | | | 2 | 1 | | | 4 | 2 | 1 | E | 4 | 2 | 1 | | | E | 4 | 1 | 2 | | | E | 4 | | | | | | | | | | | | | | | | |
| 8 | Monitoring środowiska | 1 | 5 | 60 | | | | | | | | | | | | | | | | | | | | | | | 2 | 1 | 1 | | E | 5 | | | | | | | | | | | | | | | | | | | |
| 9 | Chemia środowiska | 1 | 5 | 60 | | | | | | | 2 | 1 | 1 | | E | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | Toksykologia | 0 | 3 | 45 | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 1 | | 3 | | | | | | | | | | | | | | | | | | | | | |
| 11 | Zagrożenia cywilizacyjne i zrównoważony rozwój | 0 | 5 | 75 | | | | | | | | | | | | | | | | | | | | | | 2 | 1 | | | 3 | 1 | | 1 | | 2 | | | | | | | | | | | | | | | | |
| 12 | Techniki odnowy środowiska | 1 | 5 | 60 | | | | | | | | | | | | | | | | | | | | | | | 2 | 1 | 1 | | E | 5 | | | | | | | | | | | | | | | | | | | |
| 13 | Geograficzne systemy informacji (GIS) | 0 | 2 | 30 | | | | | | | | | | | | | | | | | | | | | | | 2 | | | 2 | | | | | | | | | | | | | | | | | | | | | |
| 14 | Grafika inżynierska | 0 | 4 | 45 | 1 | | 1 | | | 3 | | 1 | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | Materiałoznawstwo | 1 | 6 | 75 | | | | | | | 1 | 1 | | | 1 | 1 | 1 | 1 | | E | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | Mechanika techniczna i wytrzymałość materiałów | 0 | 7 | 75 | | | | | | | | | | | 1 | 1 | | | | | | | | | | 3 | 1 | 1 | 1 | 4 | | | | | | | | | | | | | | | | | | | | | |
| 17 | Elektrotechnika | 0 | 2 | 30 | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | Elementy automatyki | 0 | 3 | 45 | | | | | | | | | | | | | | | | | | | | | | | 2 | 1 | | 3 | | | | | | | | | | | | | | | | | | | | | |

