Politechnika Poznańska
Wydział Budownictwa i Inżynierii Środowiska

**Kierunek: BUDOWNICTWO**
Plan studiów stacjonarnych I stopnia

Zatwierdzony uchwałą RW z dnia 29 marca 2019 r.
Obowiązuje od roku akademickiego 2019/2020

| L.p. | Nazwa przedmiotu | Ogólnie | | | | | | Semestr I | | | | | Semestr II | | | | | Semestr III | | | | | Semestr IV | | | | | Semestr V | | | | | Semestr VI | | | | | Semestr VII | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | E | O | W | C | L | P | W | C | L | P | E | W | C | L | P | E | W | C | L | P | E | W | C | L | P | E | W | C | L | P | E | W | C | L | P | E | W | C | L | P | E |
| 1 | MATEMATYKA | 2 | 90 | 60 | 30 | 0 | 0 | 30 | 15 | | | 3 | 30 | 15 | | | 3 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | FIZYKA | | 30 | 15 | 15 | 0 | 0 | 15 | 15 | | | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | CHEMIA BUDOWLANA | 1 | 45 | 30 | 0 | 15 | 0 | 30 | | 15 | | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | PODSTAWY MECHANIKI | 1 | 90 | 30 | 30 | 0 | 30 | 30 | 30 | | 30 | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | GEOMETRIA WYKREŚLNA | | 30 | 15 | 15 | 0 | 0 | 15 | 15 | | | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | GRAFIKA INŻYNIERSKA I CAD | | 60 | 0 | 0 | 30 | 30 | | | 30 | 30 | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | WPROWADZENIE DO PROJEKTOWANIA BUDOWLI | | 15 | 15 | 0 | 0 | 0 | 15 | | | | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | PRZEDMIOT OBIERALNY HUMANISTYCZNO-SPOŁECZNY I | | 30 | 30 | 0 | 0 | 0 | 30 | | | | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | JĘZYK OBCY | 1 | 120 | 0 | 120 | 0 | 0 | | 60 | | | 5 | | 60 | | | 5 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | **POI**:PROJEKTOWANIE ARCHITEKTONICZNE/PROJEKTOWANIE URBANISTYCZNE | | 15 | 15 | 0 | 0 | 0 | | | | | | 15 | | | | 2 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | WYTRZYMAŁOŚĆ MATERIAŁÓW | 1 | 135 | 45 | 45 | 15 | 30 | | | | | | 30 | 30 | | 15 | 7 | 15 | 15 | 15 | 15 | 5 | | | | | | | | | | | | | | | | | | | | |
| 12 | MATERIAŁY BUDOWLANE | 1 | 60 | 30 | 0 | 30 | 0 | | | | | | 30 | | 30 | | 5 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | PODSTAWY GEODEZJI | | 45 | 30 | 0 | 15 | 0 | | | | | | 30 | | 15 | | 3 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | PODSTAWY GEOLOGII | | 30 | 15 | 0 | 15 | 0 | | | | | | 15 | | 15 | | 2 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | WYCHOWANIE FIZYCZNE | | 60 | 0 | 60 | 0 | 0 | | | | | | | 60 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | PRAKTYKA GEODEZYJNA | | 0 | 2 tygodnie | | | | | | | | | | | | | 2 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | PRZEDMIOT OBIERALNY HUMANISTYCZNO-SPOŁECZNY II | | 10 | 10 | 0 | 0 | 0 | | | | | | 10 | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | MECHANIKA GRUNTÓW I FUNDAMENTOWANIE | 1 | 75 | 30 | 0 | 15 | 30 | | | | | | | | | | | 15 | | 15 | 15 | 3 | 15 | | | 15 | 3 | | | | | | | | | | | | | | | |
| 19 | TECHNOLOGIA BETONU | 1 | 30 | 15 | 0 | 15 | 0 | | | | | | | | | | | 15 | | 15 | | 2 | | | | | | | | | | | | | | | | | | | | |
| 20 | TECHNOLOGIA MATERIAŁÓW DROGOWYCH | | 30 | 15 | 0 | 15 | 0 | | | | | | | | | | | 15 | | 15 | | 2 | | | | | | | | | | | | | | | | | | | | |
| 21 | FIZYKA BUDOWLI | 1 | 45 | 30 | 15 | 0 | 0 | | | | | | | | | | | 30 | 15 | | | 3 | | | | | | | | | | | | | | | | | | | | |
| 22 | PRAWO BUDOWLANE | | 15 | 15 | 0 | 0 | 0 | | | | | | | | | | | 15 | | | | 1 | | | | | | | | | | | | | | | | | | | | |
| 23 | MECHANIKA BUDOWLI | 1 | 90 | 30 | 30 | 0 | 30 | | | | | | | | | | | 15 | 15 | | 15 | 3 | 15 | 15 | | 15 | 4 | | | | | | | | | | | | | | | |
| 24 | BUDOWNICTWO OGÓLNE | 1 | 105 | 45 | 15 | 0 | 45 | | | | | | | | | | | 30 | | | 30 | 4 | 15 | 15 | | 15 | 3 | | | | | | | | | | | | | | | |
| 25 | KONSTRUKCJE MUROWE | | 30 | 15 | 15 | 0 | 0 | | | | | | | | | | | 15 | 15 | | | 2 | | | | | | | | | | | | | | | | | | | | |
| 26 | PRZEDMIOT OBIERALNY HUMANISTYCZNO-SPOŁECZNY III | | 30 | 30 | 0 | 0 | 0 | | | | | | | | | | | 30 | | | | 2 | | | | | | | | | | | | | | | | | | | | |
| 27 | METODY OBLICZENIOWE | | 45 | 15 | 0 | 30 | 0 | | | | | | | | | | | 15 | | 30 | | 3 | | | | | | | | | | | | | | | | | | | | |
| 28 | KOMPUTEROWE WSPOM. PROJEKTOWANIA | | 60 | 30 | 0 | 30 | 0 | | | | | | | | | | | | | | | | 30 | | 30 | | 4 | | | | | | | | | | | | | | | |
| 29 | TECHNOLOGIA ROBÓT BUDOWLANYCH | 1 | 60 | 30 | 15 | 0 | 15 | | | | | | | | | | | | | | | | 30 | 15 | | 15 | 4 | | | | | | | | | | | | | | | |
| 30 | PROBLEMY BHP I BOZiŚ NA BUDOWIE | | 15 | 15 | 0 | 0 | 0 | | | | | | | | | | | | | | | | 15 | | | | 1 | | | | | | | | | | | | | | | |
| 31 | ORGANIZACJA I PLANOWANIE BUDOWY | | 60 | 30 | 0 | 0 | 30 | | | | | | | | | | | | | | | | 30 | | | 30 | 4 | | | | | | | | | | | | | | | |
| 32 | TECHNICZNE WYPOSAŻENIE BUDOWLI | | 45 | 30 | 0 | 0 | 15 | | | | | | | | | | | | | | | | 30 | | | 15 | 3 | | | | | | | | | | | | | | | |
| 33 | **POII**:KONSTRUKCJE PREFABRYKOWANE/PODSTAWY PRODUKCJI PREFABRYKATÓW | | 30 | 15 | 0 | 0 | 15 | | | | | | | | | | | | | | | | 15 | | | 15 | 2 | | | | | | | | | | | | | | | |
| 34 | PRAKTYKA GEOTECHNICZNA | | 0 | 2 tygodnie | | | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | | | |
| 35 | KOSZTORYSOWANIE | 1 | 45 | 30 | 0 | 0 | 15 | | | | | | | | | | | | | | | | | | | | | 30 | | | 15 | 4 | | | | | | | | | | | |
| 36 | KONSTRUKCJE DREWNIANE | 1 | 60 | 30 | 15 | 0 | 15 | | | | | | | | | | | | | | | | | | | | | 30 | 15 | | 15 | 4 | | | | | | | | | | | |
| 37 | KONSTRUKCJE BETONOWE | 1 | 135 | 60 | 30 | 30 | 15 | | | | | | | | | | | | | | | | | | | | | 30 | 15 | | 15 | 4 | 30 | 15 | 30 | | 5 | | | | | | |
| 38 | KONSTRUKCJE METALOWE | 1 | 135 | 60 | 30 | 30 | 15 | | | | | | | | | | | | | | | | | | | | | 30 | 15 | | 15 | 4 | 30 | 15 | 30 | | 5 | | | | | | |
| 39 | BUDOWNICTWO PRZEMYSŁOWE | 1 | 60 | 30 | 0 | 0 | 30 | | | | | | | | | | | | | | | | | | | | | 30 | | | 30 | 4 | | | | | | | | | | | |
| 40 | BUDOWNICTWO DROGOWE | 1 | 135 | 60 | 15 | 15 | 45 | | | | | | | | | | | | | | | | | | | | | 30 | 15 | | 30 | 5 | 30 | | 15 | 15 | 4 | | | | | | |
| 41 | BUDOWNICTWO MOSTOWE | 1 | 135 | 60 | 15 | 15 | 45 | | | | | | | | | | | | | | | | | | | | | 30 | | 15 | 15 | 5 | 30 | 15 | | 30 | 4 | | | | | | |
| 42 | **POIII**:PODSTAWY ZARZĄDZANIA JAKOŚCIĄ/EFEKTYWNOŚC INWESTYCJI BUDOWLANYCH | | 30 | 15 | 0 | 0 | 15 | | | | | | | | | | | | | | | | | | | | | | | | | | 15 | | | 15 | 2 | | | | | | |
| 43 | BUDOWNICTWO KOLEJOWE | | 75 | 30 | 0 | 15 | 30 | | | | | | | | | | | | | | | | | | | | | | | | | | 30 | | 15 | 30 | 4 | | | | | | |
| 44 | BIM - EFEKTYWNE WSPARCIE PROCESU BUDOWLANEGO | | 30 | 15 | 0 | 15 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | 15 | | 15 | | 2 | | | | | | |
| 45 | PRAKTYKA PRZEDDYPLOMOWA | | 0 | 4 tygodnie | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | | | | | | |
| 46 | PRZEDMIOT OBIERALNY A | | 60 | 30 | 0 | 0 | 30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 30 | | | 30 | 6 | |
| 47 | PRZEDMIOT OBIERALNY B | | 60 | 30 | 0 | 0 | 30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 30 | | | 30 | 6 | |
| 48 | SEMINARIUM DYPLOMOWE | | 30 | 0 | 30 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 30 | | | 3 | |
| 49 | PRZYG. PRACY DYPL. Z EL. BADAŃ NAUKOWYCH | | 5 | 0 | 5 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 | | | 15 | |
| | | 20 | | egzamin | | | | 3 | | | | | 3 | | | | | 3 | | | | | 4 | | | | | 2 | | | | | 3 | | | | | 0 | | | | |
| | | ETCS | GODZ | 1180 | 545 | 345 | 555 | 165 | 135 | 45 | 60 | ETCS | 160 | 165 | 60 | 15 | ETCS | 210 | 60 | 90 | 75 | ETCS | 195 | 45 | 30 | 120 | ETCS | 210 | 60 | 15 | 135 | ETCS | 180 | 45 | 105 | 90 | ETCS | 60 | 35 | 0 | 60 | ETCS |
| | RAZEM: | **210** | 2625 | | | | | 405 | | | | **30** | 400 | | | | **30** | 435 | | | | **30** | 390 | | | | **30** | 420 | | | | **30** | 420 | | | | **30** | 155 | | | | **30** |

PRZEDMIOT OBIERALNY HUMANISTYCZNO-SPOŁECZNY I: 1. HISTORIA ARCHITEKTURY I ZABYTKI TECHNIKI
2. HISTORIA URBANISTYKI I TRANSPORTU

PRZEDMIOT OBIERALNY HUMANISTYCZNO-SPOŁECZNY II: 1. FILOZOFIA ZRÓWNOWAŻONEGO ROZWOJU
2. ROZWÓJ MYSLI PROJEKTOWEJ

PRZEDMIOT OBIERALNY HUMANISTYCZNO-SPOŁECZNY III: 1. PRAWNE ASPEKTY W NORMALIZACJI
2. NEGOCJACJE I UMOWY

PRZEDMIOTY OBIERALNE A/B:
1. BUDOWNICTWO OGÓLNE III
2. KONSTRUKCJE BETONOWE III
3. KONSTRUKCJE METALOWE III
4. INŻYNIERIA PRZEDSIĘWZIĘĆ BUDOWLANYCH
5. BUDOWNICTWO DROGOWE III
6. BUDOWNICTWO MOSTOWE III
7. BUDOWNICTWO KOLEJOWE II
8. TEORIA KONSTRUKCJI