**P L A N  S T U D I Ó W**

Rodzaj studiów: **dzienne - magisterskie**

Kierunek : **BUDOWNICTWO**

Specjalność : BUDOWA I EKSPLOATACJA AUTOSTRAD



Politechnika Poznańska

**WYDZIAŁ BUDOWNICTWA**

**ARCHIT. I INŻ. ŚRODOWISKA**

| Lp | Nazwa przedmiotu | Liczby egz. | Ogólne liczby godzin Razem | w tym Wykłady | Ćwiczenia | Laboratorium | Projekty | Rozkład zajęć programowych na semestry: Liczby godzin tygodniowo | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Semestr I | | | | Semestr II | | | | Semestr III | | | | Semestr IV | | | | Semestr V | | | | Semestr VI | | | | Semestr VII | | | | Semestr VIII | | | | Semestr IX | | | | Semestr X | | | |
| | | | | W | C | L | P | W | C | L | P | W | C | L | P | W | C | L | P | W | C | L | P | W | C | L | P | W | C | L | P | W | C | L | P | W | C | L | P | W | C | L | P | W | C | L | P |
| 1 | *z przeniesienia* | 15 | 1665 | 57 | 24 | 16 | 14 | 14 | 5 | 3 | 2 | 13 | 9 | 5 | | 11 | 5 | 3 | 3 | 9 | 3 | 3 | 5 | 2 | | 2 | | 6 | 2 | | 4 | | | | | | | | | 2 | | | | | | | |
| 2 | **B.0.6.** TOB + Aut | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | ORG. PROCESU INWESTYCYJ. | | 45 | 2 | 1 | | | | | | | | | | | | | | | | | | | 2 | 1 | | | | | | | | | | | | | | | | | | | | |
| 4 | TECHNOL. PROC. BUDOWL. | 1 | 30 | 2 | | | | | | | | | | | | | | | | | | | | **2** | | | | | | | | | | | | | | | | | | | | |
| 5 | ORG. I PLANOWANIE BUDOWY | 1 | 75 | 2 | 1 | | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | **2** | 1 | | 2 | | | | | | | |
| 6 | EKONOMIKA BUDOWNICTWA | 1 | 90 | 4 | | | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | | 2 | **2** | | | | | | |
| 7 | M + DUL + DŻ + Aut | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | INSTALACJE SANITARNE | | 45 | 2 | | | 1 | | | | | | | | | | | | | | | | | 2 | | | 1 | | | | | | | | | | | | | | | | | | |
| 9 | PRZYR. ASP. BEZP. BUD. P.O. | | 30 | 1 | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | 1 | | | | | | | |
| 10 | MECHANIKA BUDOWLI | 2 | 150 | 4 | 3 | | 3 | | | | | | | | | | | | | | | | | **2** | 2 | | 2 | **2** | 1 | | 1 | | | | | | | | | | | | | | |
| 11 | DUL + DŻ + Aut | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | KONSTRUKCJE BETONOWE II | | 30 | 1 | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | 1 | | | | | | | | | | |
| 13 | KONSTRUKCJE METALOWE II | | 30 | 1 | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | 1 | | | | | | | | | | |
| 14 | MOSTY I BUDOWLE PODZIEM. | 2 | 180 | 7 | | | 5 | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | | 1 | **3** | | | 2 | **2** | | 2 | | | | |
| 15 | DUL + Aut | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | TECHNOL. MAT. I NAW. DROG. | 1 | 60 | 2 | | 2 | | | | | | | | | | | | | | | | | | **2** | | 2 | | | | | | | | | | | | | | | | | | | | |
| 17 | DROGI I ULICE I | 2 | 165 | 6 | 2 | | 3 | | | | | | | | | | | | | | | | | **2** | 1 | | 1 | **4** | 1 | | 2 | | | | | | | | | | | | | | |
| 18 | INŻYNIERIA RUCHU DROGOW. | | 60 | 2 | | | 2 | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | | 2 | | | | | | | | | | |
| 19 | POMIARY INŻYNIERSKIE | | 60 | 2 | | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | 1 | | | | | 1 | | 1 | | | | |
| 20 | P.O. | | 105 | 4 | | | 3 | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | | 2 | | | | 2 | | | 1 | | | |
| 21 | SKRZYŻOWANIA I WĘZŁY | 2 | 120 | 4 | | | 4 | | | | | | | | | | | | | | | | | | | | | | | | | **2** | | | 2 | **2** | | | 2 | | | | | | | |
| 22 | TECHNOL. I ORG. ROB. DROG. | 2 | 165 | 6 | 1 | | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | **2** | 1 | | 2 | **4** | | 2 | | | | |
| 23 | UTRZYMANIE I EKSPL. DRÓG | | 105 | 4 | | | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | | 2 | 2 | | 1 | | | | |
| 24 | P. ETO I MET. KOMP. W DROG. | | 75 | 1 | | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | 2 | | | 2 | | | | |
| 25 | SEMINARIUM DYPLOMOWE | | 60 | | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | 3 | | |
| 26 | | 14 | 1680 | 57 | 12 | 8 | 35 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 27 | Aut | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 28 | TECHNOL. PROC. BUDOWL. | | 15 | | 1 | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | |
| 29 | AUTOSTRADY | 1 | 75 | 2 | 1 | | 2 | | | | | | | | | | | | | | | | | | | | | | | | | **2** | 1 | | 2 | | | | | | | | | | |
| 30 | | 1 | 90 | 2 | 2 | | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | RAZEM Aut | 30 | 3435 | 116 | 38 | 24 | 51 | 14 | 5 | 3 | 2 | 13 | 9 | 5 | | 11 | 5 | 3 | 3 | 9 | 3 | 3 | 5 | 14 | 5 | 4 | 4 | 12 | 4 | | 7 | 13 | 1 | 1 | 11 | 15 | 2 | 2 | 13 | 15 | 1 | 3 | 6 | | 3 | | |
| | | | Godzin tygodniowo | | | | | 24 | | | | 27 | | | | 22 | | | | 20 | | | | 27 | | | | 23 | | | | 26 | | | | 32 | | | | 25 | | | | 3 | | | |
| | | | Egzaminów w semestrze | | | | | 3 | | | | 4 | | | | 4 | | | | 2 | | | | 4 | | | | 4 | | | | 2 | | | | 4 | | | | 3 | | | | | | | |

Oznaczenia :

▒ - oznacza egzamin

Uwagi :

TECHNOL. I ORG. ROBÓT DROG. w sem. 9 - 2W do IKB

Praktyki

| po sem. | czas praktyki | rodzaj praktyki |
|---|---|---|
| | | |

Załącznik do pisma :

Obowiązuje od : **1997/98**

Zmiany : **1999/2000**

Data :

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Dziekan Wydziału