

PLAN STUDIÓW NIESTACJONARNYCH STOPNIA II

kierunek TRANSPORT - przedmioty wspólne (krk)

| lp | Nazwa przedmiotu | ogólne liczby godzin | | | | | rozdział zajęć programowych na semestrze | | | | | | | | | | | | | | | | | | |
|--|---|----------------------|------------|------------|--------------|-------------|--|-----------|----|---|---|----------------------|-----------|----------|----------|---|---------------|-----------|----------|----------|---|---|---|----------|--|
| | | razem | w tym | | | | | sem. I | | | | | sem. II | | | | | sem. III | | | | | | | |
| | | | wyklady | ćwiczenia | laboratorium | prace proj. | seminaria | 9 zjazdów | | | | | 9 zjazdów | | | | | 9 zjazdów | | | | | | | |
| | | W | C | L | P | S | W | C | L | P | S | pkt | W | C | L | P | S | pkt | W | C | L | P | S | pkt | |
| | NMK2 | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | Mechanika stosowana | 1 | 27 | 9 | 18 | | | | | | | 1 | E | 2 | | | | | | | | | | | |
| 2 | Ekofilozofia i sozologia | 2 | 18 | 18 | | | | | | | | 2 | | | | | | | | | | | | | |
| 3 | Język obcy (nie język angielski) | 3,4 | 36 | | 36 | | | | | | | | 2 | | | | | | | | | | 2 | | |
| 4 | Komunikacja społeczna | 5 | 18 | 18 | | | | | | | | 2 | | | | | | | | | | | | | |
| 5 | Nowoczesne systemy utrzymania środków transportu | 6 | 18 | 9 | | | | | 9 | | | 1 | E | | | | 1 | | | | | | | | |
| 6 | Badania symulacyjne w technice | 7 | 18 | 9 | | | | | 9 | | | 1 | | | | | 1 | | | | | | | | |
| 7 | Metodologia badań naukowych | 8 | 9 | 9 | | | | | | | | | | | | | | 1 | | | | | | 2 | |
| 8 | Modelling of Transport Processes | 9 | 18 | 18 | | | | | | | | 2 | | | | | | | | | | | | | |
| 9 | Modelowanie systemów transportowych | 10 | 9 | | | 9 | | | | | | | | | 1 | | | | | | | | | | |
| 10 | Sterowanie i zarządzanie w systemach transportowych | 11 | 27 | 9 | | | | | 18 | | | 1 | E | | | | | 2 | | | | | | | |
| 11 | Theory of Reliability and Safety | 12 | 18 | 18 | | | | | | | | 2 | | | | | | | | | | | | | |
| 12 | Niezawodność elementów i systemów | 13 | 9 | | 9 | | | | | | | | | 1 | | | | | | | | | | | |
| 13 | Interdyscyplinarny projekt grupowy | 14 | 18 | | 18 | | | | | | | | | 2 | | | | | | | | | | | |
| A. Razem przedmioty wspólne dla kierunku | | | 243 | 117 | 81 | 9 | 36 | | | | | | | | | | | | | | | | | | |
| B. Przedmioty specjalnościowe - modul kształcenia *) | | | 333 | | | | | | | | | | | | | | | | | | | | | | |
| Oznaczenie: | | razem A+B | 576 | | | | | | | | | 12 | 7 | 1 | 4 | | | 30 | 1 | 2 | | | | 4 | |
| E - egzamin | | | | | | | | | | | | godz/t 24 | | | | | 3 | | | | | | | | |
| Decyzja RW 22.06.2017 | | | | | | | | | | | | i. egz. 3 | | | | | | | | | | | | | |
| Obowiązuje od 01.10.2017 | | | | | | | | | | | | praktyka w semestrze | | | | | czas praktyki | | | | | | | | |
| *) Przedmioty do wyboru | | | | | | | | | | | | dyplo- | | | | | mowa | | | | | | | | |

PLAN STUDIÓW NIESTACJONARNYCH STOPNIA II

kierunek TRANSPORT

Specjalność: Eksploatacja pojazdów samochodowych (krk)

| lp | Nazwa przedmiotu | ogólne liczby godzin | | | | | rozdział zajęć programowych na semestr | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|----------------------|------------|-----------|--------------|-------------|--|-------------|----------|----------|----------|-----------|---------------|-----------|----------|----------|-----------|-----------|---|-----------|----------|----------|----------|-----------|---|---|---|---|---|--|----|
| | | razem | w tym | | | | | sem. I | | | | | | sem. II | | | | | | sem. III | | | | | | | | | | | |
| | | | wykłady | ćwiczenia | laboratorium | prace proj. | seminarium | 9 zjazdów | | | | | | 9 zjazdów | | | | | | 9 zjazdów | | | | | | | | | | | |
| | | W | C | L | P | S | W | C | L | P | S | pkt | W | C | L | P | S | pkt | W | C | L | P | S | pkt | | | | | | | |
| A. Przedmioty wspólne dla kierunku | | 243 | 117 | 81 | 9 | 36 | | | | | | 12 | 7 | 1 | 4 | | 30 | 1 | 2 | | | | | 4 | | | | | | | |
| B. Przedmioty specjalnościowe - moduł kształcenia | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | NMK2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | Materiały eksploatacyjne w transporcie samochodowym | 15 | 27 | 9 | | 18 | | | | | | | | | | | | 1 | | 2 | | | | 3 | | | | | | | |
| 2 | Mechatronika samochodowa | 16 | 36 | 18 | | 18 | | | | | | | | | | | | | | | | | | | 2 | E | | 2 | | | 4 |
| 3 | Metody wibroakustyczne w badaniach pojazdów | 17 | 27 | 18 | | 9 | | | | | | | | | | | | | | | | | | 2 | | | 1 | | | | 3 |
| 4 | Niekonwencjonalne układy napędowe | 18 | 27 | 18 | | 9 | | | | | | | | | | | | 2 | E | | 1 | | | 4 | | | | | | | |
| 5 | Nowe technologie i materiały w budowie pojazdów | 19 | 18 | 18 | | | | | | | | | | | | | | | | | | | | 2 | E | | | | | | 2 |
| 6 | Obiekty i urządzenia obsługi samochodów | 20 | 27 | 9 | | | | | | 18 | | | | | | | | | | | | | | 1 | E | | | 2 | | | 3 |
| 7 | Obsługa techniczna pojazdów samochodowych | 21 | 18 | 9 | | 9 | | | | | | | | | | | | 1 | | 1 | | | | 2 | | | | | | | |
| 8 | Praca dyplomowa magisterska | 22 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 10 |
| 9 | Prawne aspekty działalności transportowej | 23 | 18 | 9 | | | | | | 9 | | | | | | | | 1 | | | | 1 | | 3 | | | | | | | |
| 10 | Procesy spalania w silnikach | 24 | 18 | 9 | | 9 | | | | | | | | | | | | 1 | | 1 | | | 3 | | | | | | | | |
| 11 | Seminarium dyplomowe | 25 | 18 | | | | | | | | 18 | | | | | | | | | | | | | | | | | | 2 | | 4 |
| 12 | Systemy zasilania paliwami alternatywnymi | 26 | 27 | 18 | | 9 | | | | | | | | | | | | 2 | E | | 1 | | 4 | | | | | | | | |
| 13 | Technologia wytwarzania pojazdów | 27 | 27 | 18 | | 9 | | | | | | | | | | | | | | | | | | 2 | | | 1 | | | | 4 |
| 14 | Tribologia | 28 | 27 | 18 | | 9 | | | | | | | | | | | | 2 | E | | 1 | | 4 | | | | | | | | |
| 15 | Zintegrowane techniki produkcji pojazdów | 29 | 18 | 9 | | 9 | | | | | | | | | | | | 1 | | 1 | | | 3 | | | | | | | | |
| Razem blok B | | 333 | 180 | 81 | 9 | 63 | 18 | | | | | | | | | | | | | | | | | | | | | | | | |
| razem A+B | | 576 | 297 | 81 | 117 | 63 | 18 | 12 | 7 | 1 | 4 | 30 | 12 | 2 | 8 | 1 | 30 | 9 | | | 4 | 2 | 2 | 30 | | | | | | | |
| E - egzamin | | | | | | | godz/t | 24 | | | | | 23 | | | | | 17 | | | | | | | | | | | | | |
| Decyzja RW 22.06.2017 Obowiązuje od 01.10.2017 | | | | | | | i. egz. | 3 | | | | | 3 | | | | | 3 | | | | | | | | | | | | | |
| | | | | | | | praktyka dyplo- mowa | w semestrze | | | | | czas praktyki | | | | | | | | | | | | | | | | | | |

PLAN STUDIÓW NIESTACJONARNYCH STOPNIA II

kierunek **TRANSPORT**

Specjalność: **Technika i zarządzanie w transporcie samochodowym (krk)**

| lp | Nazwa przedmiotu | ogólne liczby godzin | | | | | rozdział zajęć programowych na semestrze | | | | | | | | | | | | | | | | | | |
|---|--|----------------------|------------|-----------|--------------|-------------|--|-----------|-------------|-----------|-----------|---------------|-----------|-----------|-----------|----------|-----------|----------|-----------|-----------|----------|----------|-----------|----|--|
| | | razem | w tym | | | | | sem. I | | | | | | sem. II | | | | | | sem. III | | | | | |
| | | | wykłady | ćwiczenia | laboratorium | prace proj. | seminaria | 9 zjazdów | | | | | | 9 zjazdów | | | | | | 9 zjazdów | | | | | |
| | | W | C | L | P | S | liczby godzin w tygodniu | | | | | | | | | | | | | | | | | | |
| | | | | | | W | C | L | P | S | pkt | W | C | L | P | S | pkt | W | C | L | P | S | pkt | | |
| A. Przedmioty wspólne dla kierunku | | 243 | 117 | 81 | 9 | 36 | | | | | | | | | | | | | | | | | | | |
| B. Przedmioty specjalnościowe NMK2 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | Badania homologacyjne i certyfikacja w transporcie | 30 | 27 | 18 | | 9 | | | | | | 2 | | 1 | | | 4 | | | | | | | | |
| 2 | Badania techniczne pojazdów | 31 | 36 | 18 | | 18 | | | | | | | | | | | | 2 | E | | 2 | | | 5 | |
| 3 | Energochłonność i bezpieczeństwo | 32 | 27 | 18 | | 9 | | | | | | 2 | | 1 | | | 4 | | | | | | | | |
| 4 | Inżynieria jakości w transporcie | 33 | 27 | 18 | | 9 | | | | | | | | | | | | 2 | E | | 1 | | | 4 | |
| 5 | Materiały eksploatacyjne | 34 | 36 | 18 | | 18 | | | | | | 2 | E | | 2 | | 5 | | | | | | | | |
| 6 | Naprawa i obsługa pojazdów | 35 | 36 | 18 | | 18 | | | | | | 2 | E | | 2 | | 5 | | | | | | | | |
| 7 | Obiekty zaplecza technicznego motoryzacji | 36 | 27 | 9 | | 18 | | | | | | 1 | | | 2 | | 4 | | | | | | | | |
| 8 | Praca dyplomowa magisterska | 37 | | | | | | | | | | | | | | | | | | | | | | 10 | |
| 9 | Prawo cywilne i umowy w transporcie | 38 | 36 | 18 | | 18 | | | | | | | | | | | | 2 | E | | 2 | | | 4 | |
| 10 | Prawo handlowe w transporcie | 39 | 36 | 18 | | 18 | | | | | | 2 | E | | 2 | | 4 | | | | | | | | |
| 11 | Seminarium dyplomowe | 40 | 18 | | | | | | | 18 | | | | | | | | | | | | 2 | | 4 | |
| 12 | Ubezpieczenia w transporcie | 41 | 27 | 18 | | 9 | | | | | | | | | | | | 2 | | | 1 | | | 3 | |
| Razem blok B | | 333 | 171 | | | 72 | | | | 72 | | | | | | | 18 | | | | | | | | |
| Razem | | 576 | 288 | 81 | 81 | 108 | 18 | 12 | 7 | 1 | 4 | 30 | 12 | 2 | 6 | 4 | 30 | 8 | | 2 | 4 | 2 | 30 | | |
| E - egzamin | | | | | | | | godz/t | | | 24 | | | | 24 | | | | 16 | | | | | | |
| Decyzja RW 22.06.2017 | | | | | | | I. egz. | | 3 | | | 3 | | | 3 | | | | | | | | | | |
| Obowiązuje od 01.10.2017 | | | | | | | praktyka dyplo- | | w semestrze | | | czas praktyki | | | | | | | | | | | | | |
| | | | | | | | mowa | | | | | | | | | | | | | | | | | | |

PLAN STUDIÓW NIESTACJONARNYCH STOPNIA II

kierunek TRANSPORT

Specjalność: Transport przemysłowy (krk)

| lp | Nazwa przedmiotu | ogólne liczby godzin | | | | | rozdział zajęć programowych na semestr | | | | | | | | | | | | | | | | | | |
|---|---|----------------------|------------|-----------|--------------|-------------|--|-------------|----------|----------|----------|---|-----------|---------------|----------|----------|----------|-----------|----------|-----------|----------|----------|----------|-----------|-----|
| | | razem | w tym | | | | | sem. I | | | | | | sem. II | | | | | | sem. III | | | | | |
| | | | wykłady | ćwiczenia | laboratorium | prace proj. | seminaria | 9 zjazdów | | | | | | 9 zjazdów | | | | | | 9 zjazdów | | | | | |
| | | | W | C | L | P | S | W | C | L | P | S | pkt | W | C | L | P | S | pkt | W | C | L | P | S | pkt |
| A. Przedmioty wspólne dla kierunku | | 243 | 117 | 81 | 9 | 36 | | 12 | 7 | 1 | 4 | | 30 | 1 | 2 | | | 4 | | | | | | | |
| B. Przedmioty specjalnościowe | | NMK2 | | | | | | | | | | | | | | | | | | | | | | | |
| <i>wspólne dla TP + LT</i> | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | Elementy maszyn transportowych | 47 | 36 | 18 | 9 | 9 | | | | | | | | 2 | | 1 | 1 | 5 | | | | | | | |
| 2 | Logistyka zaopatrzenia | 48 | 27 | 18 | | 9 | | | | | | | | 2 | E | | 1 | 5 | | | | | | | |
| 3 | Metody prezentacji i negocjacji | 49 | 27 | 18 | 9 | | | | | | | | | | | | | | 2 | | 1 | | | 5 | |
| 4 | Opakowania i logistyka dystrybucji | 50 | 36 | 27 | | 9 | | | | | | | | | | | | | 3 | E | | 1 | | 5 | |
| 5 | Spedycja | 51 | 36 | 18 | | 18 | | | | | | | | 2 | | | 2 | 4 | | | | | | | |
| 6 | Systemy identyfikacji ładunków | 52 | 27 | 18 | 9 | | | | | | | | | 2 | | 1 | | 3 | | | | | | | |
| 7 | Zarządzanie przedsiębiorstwem transportowym | 53 | 27 | 18 | 9 | | | | | | | | | 2 | E | 1 | | 3 | | | | | | | |
| <i>blok TP</i> | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | Magazyny wysokiego składowania | 42 | 36 | 18 | | 18 | | | | | | | | | | | | | 2 | | | 2 | | 6 | |
| 8 | Praca dyplomowa magisterska | 43 | | | | | | | | | | | | | | | | | | | | | | 10 | |
| 9 | Projektowanie z wykorzystaniem MES | 44 | 36 | 18 | | 18 | | | | | | | | 2 | E | | 2 | 3 | | | | | | | |
| 10 | Seminarium dyplomowe | 45 | 18 | | | | | | | | | | | | | | | | | | | | 2 | 4 | |
| 11 | Transport hydrauliczny i pneumatyczny | 46 | 27 | 18 | | 9 | | | | | | | | 2 | E | | 1 | 3 | | | | | | | |
| Razem blok B | | 333 | 189 | 9 | 27 | 90 | 18 | | | | | | | | | | | | | | | | | | |
| razem A+B | | 576 | 306 | 90 | 36 | 126 | 18 | 12 | 7 | 1 | 4 | | 30 | 15 | 3 | 2 | 7 | 30 | 7 | | 1 | 3 | 2 | 30 | |
| E - egzamin | | | | | | | godz/t | 24 | | | | | | 27 | | | | | | 13 | | | | | |
| Decyzja RW 22.06.2017 Obowiązuje od 01.10.2017 | | | | | | | i. egz. | 3 | | | | | | 4 | | | | | | 1 | | | | | |
| | | | | | | | praktyka dyplo- mowa | w semestrze | | | | | | czas praktyki | | | | | | | | | | | |

PLAN STUDIÓW NIESTACJONARNYCH STOPNIA II

kierunek TRANSPORT

Specjalność: Logistyka transportu (krk)

| lp | Nazwa przedmiotu | ogólne liczby godzin | | | | | rozdział zajęć programowych na semestr | | | | | | | | | | | | | | | | | | | | | |
|---|---|----------------------|------------|------------|--------------|-------------|--|-----------|----------|----------|----------|-----|---------------|-----------|---|-----------|-----------|----------|----------|-----------|---|-----------|----------|----------|----------|----------|----------|-----------|
| | | razem | w tym | | | | | sem. I | | | | | | sem. II | | | | | | sem. III | | | | | | | | |
| | | | wykłady | ćwiczenia | laboratorium | prace proj. | seminaria | 9 zjazdów | | | | | | 9 zjazdów | | | | | | 9 zjazdów | | | | | | | | |
| | | W | C | L | P | S | W | C | L | P | S | pkt | W | C | L | P | S | pkt | W | C | L | P | S | pkt | | | | |
| A. Przedmioty wspólne dla kierunku | | 243 | 117 | 81 | 9 | 36 | | | | | | | | | | | | | | | | | | | | | | |
| B. Przedmioty specjalnościowe | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <i>wspólne dla TP + LT</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | Elementy maszyn transportowych | 47 | 36 | 18 | | 9 | 9 | | | | | 2 | | 1 | 1 | | 5 | | | | | | | | | | | |
| 2 | Logistyka zaopatrzenia | 48 | 27 | 18 | | | 9 | | | | | 2 | E | | 1 | | 5 | | | | | | | | | | | |
| 3 | Metody prezentacji i negocjacji | 49 | 27 | 18 | | 9 | | | | | | | | | | | | 2 | | | 1 | | | 5 | | | | |
| 4 | Opakowania i logistyka dystrybucji | 50 | 36 | 27 | | | 9 | | | | | | | | | | | 3 | E | | | 1 | | 5 | | | | |
| 5 | Spedycja | 51 | 36 | 18 | | | 18 | | | | | 2 | | | 2 | | 4 | | | | | | | | | | | |
| 6 | Systemy identyfikacji ładunków | 52 | 27 | 18 | | 9 | | | | | | 2 | | 1 | | | 3 | | | | | | | | | | | |
| 7 | Zarządzanie przedsiębiorstwem transportowym | 53 | 27 | 18 | 9 | | | | | | | 2 | E | 1 | | | 3 | | | | | | | | | | | |
| <i>blok LT</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Infrastruktura logistyczna w transporcie | 54 | 27 | 18 | | | 9 | | | | | 2 | E | | 1 | | 3 | | | | | | | | | | | |
| 9 | Logistyka odpadów | 55 | 27 | 18 | | | 9 | | | | | | | | | | | 2 | | | | 1 | | 3 | | | | |
| 10 | Nowoczesne technologie transportowe | 56 | 18 | 9 | 9 | | | | | | | | | | | | | 1 | 1 | | | | | 3 | | | | |
| 11 | Praca dyplomowa magisterska | 57 | | | | | | | | | | | | | | | | | | | | | | 10 | | | | |
| 12 | Seminarium dyplomowe | 58 | 18 | | | | | | | 18 | | | | | | | | | | | | | 2 | 4 | | | | |
| 13 | Strategie logistyczne | 59 | 27 | 18 | 9 | | | | | | | 2 | 1 | | | | 3 | | | | | | | | | | | |
| Razem blok B | | 333 | 198 | 27 | 27 | 63 | 18 | | | | | | | | | | | | | | | | | | | | | |
| razem A+B | | 576 | 315 | 108 | 36 | 99 | 18 | 12 | 7 | 1 | 4 | | | | | 30 | 15 | 4 | 2 | 5 | | 30 | 8 | 1 | 1 | 2 | 2 | 30 |
| E - egzamin | | godz/t | | | | | 24 | | | | | | 26 | | | | | | 14 | | | | | | | | | |
| Decyzja RW 22.06.2017 | | i. egz. | | | | | 3 | | | | | | 3 | | | | | | 1 | | | | | | | | | |
| Obowiązuje od 01.10.2017 | | praktyka dyplo- | | | | | w semestrze | | | | | | czas praktyki | | | | | | | | | | | | | | | |
| | | mowa | | | | | | | | | | | | | | | | | | | | | | | | | | |

PLAN STUDIÓW NIESTACJONARNYCH STOPNIA II

kierunek **TRANSPORT**

Specjalność: **Systemy informatyczne transportu (krk)**

| lp | Nazwa przedmiotu | ogólne liczby godzin | | | | | | rozdział zajęć programowych na semestrze | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|----------------------|------------|------------|--------------|-------------|------------|--|----------|---|-----|---|----|-----------|-------------|---|-----|---|---|-----------|---------------|---|-----|----|---|----|----|--|--|--|--|--|
| | | razem | w tym | | | | | sem. I | | | | | | sem. II | | | | | | sem. III | | | | | | | | | | | | |
| | | | wykłady | ćwiczenia | laboratorium | prace proj. | seminaria | 9 zjazdów | | | | | | 9 zjazdów | | | | | | 9 zjazdów | | | | | | | | | | | | |
| | | | W | C | L | P | S | liczby godzin w tygodniu | | | | | | | | | | | | | | | | | | | | | | | | |
| | W | C | L | P | S | W | C | L | P | S | pkt | W | C | L | P | S | pkt | W | C | L | P | S | pkt | | | | | | | | | |
| A. Przedmioty wspólne dla kierunku | | 243 | 117 | 81 | 9 | 36 | | 12 | 7 | 1 | 4 | | 30 | 1 | 2 | | | 4 | | | | | | | | | | | | | | |
| B. Przedmioty specjalnościowe | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | NMK2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <i>wspólne dla IR + SIT</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | Inżynieria ruchu drogowego | 108 | 36 | 18 | | | | | | | | | | 2 | E | | | 2 | | | | | | | | | | | | | | |
| 2 | Planowanie potoków ruchu | 109 | 36 | 18 | | | | | | | | | | | | | | | 2 | E | | | 2 | 5 | | | | | | | | |
| 3 | Teletransmisja danych | 110 | 27 | 18 | | 9 | | | | | | | | 2 | E | | 1 | | | | | | | | | | | | | | | |
| 4 | Teoria ruchu pojazdów | 111 | 18 | 18 | | | | | | | | | | 2 | | | | | | | | | | | | | | | | | | |
| 5 | Układy i urządzenia elektroniczne transportu | 112 | 36 | 18 | | | | | | | | | | | | | | | 2 | | | 2 | | 4 | | | | | | | | |
| | <i>blok SIT</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | Monitorowanie ruchu drogowego | 113 | 36 | 18 | | 9 | 9 | | | | | | | 2 | E | | 1 | 1 | | | | | | | | | | | | | | |
| 7 | Praca dyplomowa magisterska | 114 | | | | | | | | | | | | | | | | | | | | | | 10 | | | | | | | | |
| 8 | Programowanie sterowników ruchu drogowego | 116 | 36 | 9 | | 18 | 9 | | | | | | | | | | | | 1 | | | 2 | 1 | 4 | | | | | | | | |
| 9 | Seminarium dyplomowe | 117 | 18 | | | | | | | | | | | | | | | | | | | | 2 | 4 | | | | | | | | |
| 10 | Systemy inteligentne i decyzyjne transportu | 118 | 36 | 18 | | 9 | 9 | | | | | | | 2 | | | 1 | 1 | | | | | | | | | | | | | | |
| 11 | Systemy koordynacji sterowania | 119 | 27 | 18 | | 9 | | | | | | | | 2 | E | | 1 | | | | | | | | | | | | | | | |
| 12 | Techniki symulacyjne SRD | 120 | 27 | 9 | | 18 | | | | | | | | | | | | | 1 | | | 2 | | 3 | | | | | | | | |
| Razem blok B | | | 333 | 162 | | 72 | 81 | 18 | | | | | | | | | | | | | | | | | | | | | | | | |
| razem A+B | | | 576 | 279 | 81 | 81 | 117 | 18 | 12 | 7 | 1 | 4 | | 30 | 13 | 2 | 4 | 4 | | 30 | 6 | | 4 | 5 | 2 | 30 | | | | | | |
| E - egzamin | | | | | | | | | godz/t | | | | | | 24 | | | | | | 23 | | | | | | 17 | | | | | |
| Decyzja RW 22.06.2017 | | | | | | | | | i. egz. | | | | | | 3 | | | | | | 4 | | | | | | 1 | | | | | |
| Obowiązuje od 01.10.2017 | | | | | | | | | praktyka | | | | | | w semestrze | | | | | | czas praktyki | | | | | | | | | | | |
| | | | | | | | | | dyplo- | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | mowa | | | | | | | | | | | | | | | | | | | | | | | |

PLAN STUDIÓW NIESTACJONARNYCH STOPNIA II

kierunek TRANSPORT

Specjalność: Sterowanie ruchem kolejowym (krk)

| lp | Nazwa przedmiotu | ogólne liczby godzin | | | | | rozdział zajęć programowych na semestry | | | | | | | | | | | | | | | | | |
|--|---|----------------------|------------|------------|--------------|-------------|---|-------------------------|-------------|----------|----------|----------|------------|---------------|----------|----------|----------|------------|-----------|---|----------|----------|----------|-----------|
| | | razem | w tym | | | | | sem. I | | | | | sem. II | | | | | sem. III | | | | | | |
| | | | wykłady | ćwiczenia | laboratorium | prace proj. | | tygodni 15 | | | | | tygodni 15 | | | | | tygodni 15 | | | | | | |
| | | W | C | L | P | S | liczby godzin w tygodniu | | | | | | | | | | | | | | | | | |
| | W | C | L | P | S | W | C | L | P | S | pkt | W | C | L | P | S | pkt | W | C | L | P | S | pkt | |
| A. Przedmioty wspólne dla kierunku | | 243 | 117 | 81 | 9 | 36 | | 12 | 7 | 1 | 4 | | 30 | 1 | 2 | | | 4 | | | | | | |
| B. Przedmioty specjalnościowe - moduł kształcenia | | | | | | | | | | | | | | | | | | | | | | | | |
| | NMK2 | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | Bezpieczeństwo i diagnostyka systemów sterowania ruchem kolejowym | 121 | 27 | 9 | | 18 | | | | | | | 1 | | | 2 | | 4 | | | | | | |
| 2 | Energoelektronika | 122 | 18 | 18 | | | | | | | | | | | | | | 2 | | | | | | 1 |
| 3 | Infrastruktura transportu kolejowego | 123 | 27 | 9 | | 18 | | | | | | | 1 | | 2 | | | 4 | | | | | | |
| 4 | Nowoczesne technologie w transporcie szynowym | 124 | 27 | 9 | | 18 | | | | | | | 1 | E | | 2 | | 4 | | | | | | |
| 5 | Nowoczesne systemy prowadzenie ruchu | 125 | 9 | 9 | | | | | | | | | | | | | | 1 | E | | | | | 1 |
| 6 | Organizacja kolejowych procesów transportowych | 126 | 27 | 9 | | 18 | | | | | | | 1 | E | | 2 | | 4 | | | | | | |
| 7 | Praca dyplomowa magisterska | 127 | | | | | | | | | | | | | | | | | | | | | | 10 |
| 8 | Projektowanie urządzeń sterowania ruchem kolejowym | 128,129 | 45 | 18 | | 27 | | | | | | | 2 | E | | 1 | | 5 | | | | 2 | | 2 |
| 9 | Seminarium dyplomowe | 130 | 18 | | | | | | | | | | | | | | | | | | | 2 | | 4 |
| 10 | Sterowniki przemysłowe | 131 | 27 | 9 | | 18 | | | | | | | | | | | | 1 | E | | 2 | | | 3 |
| 11 | Systemy telekomunikacji w transporcie kolejowym | 132 | 36 | 18 | | 18 | | | | | | | | | | | | 2 | | | 2 | | | 3 |
| 12 | Urządzenia sterowania ruchem kolejowym | 133,134 | 54 | 36 | | 18 | | | | | | | 2 | E | 1 | | | 5 | 2 | E | 1 | | | 4 |
| 13 | Zarządzanie projektem wg IRIS | 135 | 18 | 9 | | 9 | | | | | | | | | | | | 1 | | | 1 | | | 2 |
| Razem blok B | | 333 | 153 | | 72 | 90 | 18 | | | | | | | | | | | | | | | | | |
| E - egzamin | | razem A+B | 576 | 270 | 81 | 81 | 126 | 18 | 12 | 7 | 1 | 4 | 30 | 9 | 2 | 3 | 7 | 30 | 9 | | 5 | 3 | 2 | 30 |
| | | | | | | | | godz/t | 24 | | | | | 21 | | | | | 19 | | | | | |
| Decyzja RW 22.06.2017 Obowiązuje od 01.10.2017 | | | | | | | | i. egz. | 3 | | | | | 4 | | | | | 3 | | | | | |
| | | | | | | | | praktyka dyplo- mowa | w semestrze | | | | | czas praktyki | | | | | | | | | | |

PLAN STUDIÓW NIESTACJONARNYCH STOPNIA II

kierunek **TRANSPORT**

Specjalność: **Transport i spedycja drogowa (krk)**

| lp | Nazwa przedmiotu | ogólne liczby godzin | | | | | rozdział zajęć programowych na semestry | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|----------------------|------------|------------|--------------|-------------|---|-----------|----------|----------|----------|-----|-------------|---|---|---|-----------|---------------|----------|----------|----------|---|-----------|-----------|----------|----------|----------|----------|----------|-----------|----|--|--|
| | | razem | w tym | | | | | sem. I | | | | | sem. II | | | | | sem. III | | | | | | | | | | | | | | | |
| | | | wykłady | ćwiczenia | laboratorium | prace proj. | seminarium | 9 zjazdów | | | | | 9 zjazdów | | | | | 9 zjazdów | | | | | | | | | | | | | | | |
| | | W | C | L | P | S | W | C | L | P | S | pkt | W | C | L | P | S | pkt | W | C | L | P | S | pkt | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A. Przedmioty wspólne dla kierunku | | 243 | 117 | 81 | 9 | 36 | | | | | | 12 | 7 | 1 | 4 | | 30 | 1 | 2 | | | | | 4 | | | | | | | | | |
| B. Przedmioty specjalnościowe - moduł kształcenia | | NMK2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | Bilansowanie i rozliczanie usług przewozowych | 136 | 18 | 9 | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | Budowa środków transportu drogowego | 137 | 27 | 18 | | 9 | | | | | | | | | | | | 2 | E | | 1 | | | | 5 | | | | | | | | |
| 3 | Ecodriving w samochodach ciężarowych | 138 | 18 | 9 | | | 9 | | | | | | | | | | | | | | | | | 1 | | | | 1 | | 2 | | | |
| 4 | Efektywność procesów transportowych | 139 | 27 | 9 | | | 18 | | | | | | | | | | | 1 | E | | | 2 | | 4 | | | | | | | | | |
| 5 | Eksploatacja środków transportu drogowego | 140 | 27 | 18 | | 9 | | | | | | | | | | | | 2 | E | | 1 | | | 4 | | | | | | | | | |
| 6 | Infrastruktura utrzymania floty pojazdów | 141 | 18 | 9 | | | 9 | | | | | | | | | | | | | | | | | 1 | | | | 1 | | 2 | | | |
| 7 | Organizowanie i planowanie usług transportowych | 142 | 18 | 9 | | | 9 | | | | | | | | | | | | | | | | 1 | E | | | 1 | | 2 | | | | |
| 8 | Podstawy spedycji | 143 | 36 | 18 | 9 | 9 | | | | | | | | | | | | 2 | E | 1 | 1 | | | 5 | | | | | | | | | |
| 9 | Praca dyplomowa magisterska | 144 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 10 | | |
| 10 | Seminarium dyplomowe | 145 | 18 | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 4 | | | |
| 11 | System obsługi i napraw środków transportu drogowego | 146 | 27 | 18 | | 9 | | | | | | | | | | | | | | | | | | 2 | E | | 1 | | | 4 | | | |
| 12 | Technologie i jednostki ładunkowe w transporcie drogowym | 147 | 18 | 9 | 9 | | | | | | | | | | | | | 1 | | 1 | | | | 3 | | | | | | | | | |
| 13 | Transport multi- i intermodalny | 148 | 18 | 9 | 9 | | | | | | | | | | | | | | | | | | | 1 | | 1 | | | | | 2 | | |
| 14 | Ubezpieczenia i aspekty prawne w transporcie | 149 | 27 | 18 | 9 | | | | | | | | | | | | | | | | | | | 2 | E | 1 | | | | | 2 | | |
| 15 | Zarządzanie flotą pojazdów | 150 | 18 | 9 | | | 9 | | | | | | | | | | | 1 | | | 1 | | | 3 | | | | | | | | | |
| 16 | Zintegrowane systemy zarządzania przedsiębiorstwem transportowym | 151 | 18 | 9 | 9 | | | | | | | | | | | | | 1 | | 1 | | | | 2 | | | | | | | | | |
| Razem blok B | | 333 | 171 | 54 | 36 | 54 | 18 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| razem A+B | | 576 | 288 | 135 | 45 | 90 | 18 | 12 | 7 | 1 | 4 | | | | | | 30 | 11 | 5 | 3 | 3 | | | 30 | 9 | 3 | 1 | 3 | 2 | 30 | | | |
| E - egzamin | | | | | | | | godz/t | | | | | 24 | | | | | 22 | | | | | 18 | | | | | | | | | | |
| Decyzja RW 22.06.2017 Obowiązuje od 01.10.2017 | | | | | | | | i. egz. | | | | | 3 | | | | | 4 | | | | | 3 | | | | | | | | | | |
| | | | | | | | | praktyka | | | | | w semestrze | | | | | czas praktyki | | | | | | | | | | | | | | | |
| | | | | | | | | dyplo- | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | mowa | | | | | | | | | | | | | | | | | | | | | | | | | |

PLAN STUDIÓW NIESTACJONARNYCH STOPNIA II

kierunek TRANSPORT

specjalność: Technologie transportowe

| lp | Nazwa przedmiotu | ogólne liczby godzin | | | | | rozdział zajęć programowych na semestr | | | | | | | | | | | | | | | | | | |
|---|---|----------------------|---------|-----------|--------------|-------------|--|------------|---|---|----|-----|----|---------------|---|---|----|-----|---|------------|---|---|----|-----|--|
| | | razem | w tym | | | | | sem. I | | | | | | sem. II | | | | | | sem. III | | | | | |
| | | | wykłady | ćwiczenia | laboratorium | prace proj. | seminaria | tygodni 15 | | | | | | tygodni 15 | | | | | | tygodni 15 | | | | | |
| | | | | | | | liczby godzin w tygodniu | | | | | | | | | | | | | | | | | | |
| | | W | C | L | P | S | W | C | L | P | S | pkt | W | C | L | P | S | pkt | W | C | L | P | S | pkt | |
| A. Przedmioty wspólne dla kierunku | | 243 | 117 | 81 | 9 | 36 | | 12 | 7 | 1 | 4 | | 30 | 1 | 2 | | | 4 | | | | | | | |
| B. Przedmioty specjalnościowe TT | | MK2 | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | Systemy informatyczne w transporcie i logistyce | 171 | 63 | 36 | | 18 | 9 | | | | | | 4 | E | | 2 | 1 | 7 | | | | | | | |
| 2 | Logistyka zaopatrzenia w transporcie | 172, 173 | 63 | 45 | | | 18 | | | | | | 2 | | | | 1 | 5 | 3 | E | | | 1 | 5 | |
| 3 | Metody prezentacji i negocjacji w biznesie | 174 | 27 | 18 | | 9 | | | | | | | | | | | | | 2 | | | 1 | | 5 | |
| 4 | Procesy spedycyjne | 175 | 36 | 18 | | | 18 | | | | | | 2 | | | | 2 | 4 | | | | | | | |
| 5 | Infrastruktura logistyczna | 176 | 27 | 18 | | | 9 | | | | | | 2 | E | | | 1 | 4 | | | | | | | |
| 6 | Łańcuchy logistyki zwrotnej | 177 | 27 | 18 | | | 9 | | | | | | | | | | | | 2 | | | | 1 | 3 | |
| 7 | Współczesne technologie transportowe | 178 | 18 | 9 | 9 | | | | | | | | | | | | | | 1 | 1 | | | | 3 | |
| 8 | Praca dyplomowa magisterska | 179 | | | | | | | | | | | | | | | | | | | | | | 10 | |
| 9 | Seminarium dyplomowe | 180 | 18 | | | | | | | | 18 | | | | | | | | | | | | 2 | 4 | |
| 10 | Zarządzanie operacyjne i strategiczne | 181 | 54 | 36 | 18 | | | | | | | | 4 | E | 2 | | | 6 | | | | | | | |
| Razem blok B | | 333 | 198 | 27 | 27 | 63 | 18 | | | | | | | | | | | | | | | | | | |
| razem A+B | | 576 | 315 | 108 | 36 | 99 | 18 | 12 | 7 | 1 | 4 | 30 | 15 | 4 | 2 | 5 | 30 | 8 | 1 | 1 | 2 | 2 | 30 | | |
| E - egzamin | | | | | | | | 24 | | | | | | 26 | | | | | | 14 | | | | | |
| Decyzja RW 18.10.2018 Obowiązuje od 01.10.2019 | | | | | | | | 3 | | | | | | 3 | | | | | | 1 | | | | | |
| | | | | | | | | praktyka | | | | | | czas praktyki | | | | | | | | | | | |
| | | | | | | | | dyplo- | | | | | | | | | | | | | | | | | |
| | | | | | | | | mowa | | | | | | | | | | | | | | | | | |