

EKONOMIA-SPECJALNOŚĆ: MIĘDZYKIERUNKOWE STUDIA EKONOMICZNO-MATEMATYCZNE

PROGRAM STUDIÓW LICENCJACKICH

rok akademicki 2018/2019

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| Lp. | Nazwa przedmiotu | Forma zajęć | godziny zajęć kontaktowych /ECTS | ROK | | | | | | Razem godz. | Forma zaliczenia | Zajęcia realizowane przez | | | |
|---|--|-------------|----------------------------------|---------------------|------------|-----------|-----------|----------|-----------|-------------|------------------|---------------------------|----------|------------------|------------|
| | | | | I | | II | | III | | | | WNE | WMIM | WNE I WMIM razem | UW |
| | | | | Godziny w semestrze | | | | | | | | | | | |
| | | | | 1 | 2 | 3 | 4 | 5 | 6 | | | | | | |
| A. Przedmioty wykształcenia ogólnego | | | | | | | | | | | | | | | |
| 1 | Bezpieczeństwo i higiena pracy | szkolenie | godz. | 4 | | | | | | 4 | zaliczenie | | | | 4 |
| | | | ECTS | 0,5 | | | | | | | | 0,5 | | | |
| 2 | Podstawy ochrony własności intelektualnej | szkolenie | godz. | 4 | | | | | | 4 | zaliczenie | | | | 4 |
| | | | ECTS | 0,5 | | | | | | | | 0,5 | | | |
| 3 | Język obcy (język angielski ekonomiczny) | ćwic. | godz. | 60 | 60 | 60 | 60 | | | 240 | zaliczenie | | | | 240 |
| | | | ECTS | 2 | 2 | 2 | 2 | | | | | 8 | | | |
| 4 | Język obcy - egzamin | | godz. | | | | | | | 0 | egzamin | | | | 0 |
| | | | ECTS | | | | 2 | | | | | 2 | | | |
| 5 | Wychowanie fizyczne | ćwic. | godz. | | 30 | 30 | 30 | | | 90 | zaliczenie | | | | 90 |
| | | | ECTS | | 0 | 0 | 0 | | | | | 0 | | | |
| 6 | Narzędzia informatyczne w ekonomii | konw. | godz. | | 30 | | | | | 30 | zaliczenie | 30 | | | |
| | | | ECTS | | 3 | | | | | | | 3 | 3 | | |
| 7 | Przedmioty do wolnego wyboru na WNE | wykł./konw. | godz. | | | | | | 30 | 30 | zaliczenie | 30 | | | |
| | | | ECTS | | | | | | 3 | 3 | | 3 | 3 | | |
| Suma godzin zajęć w grupie | | | | 68 | 120 | 90 | 90 | 0 | 30 | 398 | | 60 | 0 | 0 | 338 |
| Suma ECTS w grupie | | | | 3 | 5 | 2 | 4 | 0 | 3 | 17 | | 6 | 0 | 0 | 11 |
| B. Przedmioty podstawowe | | | | | | | | | | | | | | | |
| 8 | Wstęp do ekonomii | wykład | godz. | 30 | | | | | | 30 | zaliczenie | 30 | | | |
| | | | ECTS | 3 | | | | | | | | 3 | 3 | | |
| 9 | Geometria z Algebrą liniową I | wykł. | godz. | 30 | | | | | | 30 | egzamin | | 90 | | |
| | | ćwic. | godz. | 60 | | | | | | 60 | | 8 | 8 | | |
| 10 | Wstęp do informatyki | wykł. | godz. | 30 | | | | | | 30 | zaliczenie | | 60 | | |
| | | ćwic. | godz. | 30 | | | | | | 30 | | 5,5 | 5,5 | | |
| 11 | Mikroekonomia I | wykł. | godz. | 30 | | | | | | 30 | egzamin | 60 | | | |
| | | ćwic. | godz. | 30 | | | | | | 30 | | 4 | 4 | | |
| 12 | Analiza matematyczna I.1 | wykł. | godz. | 60 | | | | | | 60 | egzamin | | 120 | | |
| | | ćwic. | godz. | 60 | | | | | | 60 | | 10 | 10 | | |
| 13 | Geometria z Algebrą liniową II | wykł. | godz. | | 60 | | | | | 60 | egzamin | | 120 | | |
| | | ćwic. | godz. | | 60 | | | | | 60 | | 8,5 | 8,5 | | |
| 14 | Analiza matematyczna I.2 | wykł. | godz. | | 60 | | | | | 60 | egzamin | | 120 | | |
| | | ćwic. | godz. | | 60 | | | | | 60 | | 10 | 10 | | |
| 15 | Mikroekonomia II | wykł. | godz. | | 30 | | | | | 30 | egzamin | 60 | | | |
| | | ćwic. | godz. | | 30 | | | | | 30 | | 6 | 6 | | |
| 16 | Makroekonomia I | wykł. | godz. | | 30 | | | | | 30 | egzamin | 60 | | | |
| | | ćwic. | godz. | | 30 | | | | | 30 | | 5 | 5 | | |
| 17 | Makroekonomia II | wykł. | godz. | | | 30 | | | | 30 | egzamin | 60 | | | |
| | | ćwic. | godz. | | | 30 | | | | 30 | | 6 | 6 | | |
| 18 | Mikroekonomia III (grupy do wyboru: podstawowe i zaawansowane) | konw. | godz. | | | 30 | | | | 30 | egzamin | 30 | | | |
| | | ECTS | | | 6 | | | | | 6 | | 6 | 6 | | |
| 19 | Finanse I | wykł. | godz. | | | 30 | | | | 30 | egzamin | 60 | | | |
| | | ćwic. | godz. | | | 30 | | | | 30 | | 6 | 6 | | |
| 20 | Prawo z elementami prawa handlowego | wykład | godz. | | | 30 | 30 | | | 60 | egzamin | 60 | | | |
| | | ECTS | | | 3 | 3 | | | | 6 | | 6 | 6 | | |
| 21 | Makroekonomia gospodarki otwartej | wykł. | godz. | | | | 30 | | | 30 | egzamin | 60 | | | |
| | | ćwic. | godz. | | | | 30 | | | 30 | | 5 | 5 | | |
| 22 | Rozszerzenie ekonomii (do wyboru: Historia Ekonomii lub Historia Gospodarcza lub Demografia) | konw. | godz. | | | | 60 | | | 60 | egzamin | 60 | | | |
| | | ECTS | | | | 6 | | | | 6 | | 6 | 6 | | |
| 23 | Rachunkowość | konw. | godz. | | | | | 30 | | 30 | zaliczenie | 30 | | | |
| | | ECTS | | | | | | 3 | | 3 | | 3 | 3 | | |

| Lp. | Nazwa przedmiotu | Forma zajęć | godziny zajęć kontaktowych /ECTS | ROK | | | | | | Razem godz. | Forma zaliczenia | Zajęcia realizowane przez | | | |
|-----------------------------------|--|-------------|----------------------------------|--------------------|-----|-----|-----|-----|-----|-------------|------------------|---------------------------|------|------------------|-----|
| | | | | I | | II | | III | | | | WNE | WMIM | WNE I WMIM razem | UW |
| | | | | Godzin w semestrze | | | | | | | | | | | |
| | | | | 1 | 2 | 3 | 4 | 5 | 6 | | | | | | |
| 24 | Przedmiot kierunkowy z zakresu zarządzania bazami danych | konw. | godz. | | | | | 30 | 30 | zaliczenie | 30 | | | | |
| | | | ECTS | | | | | 3 | 3 | | 3 | | | | |
| 25 | Projektowanie systemów informatycznych | wykl. | godz. | | | | | 30 | 30 | zaliczenie | 30 | | | | |
| | | | ECTS | | | | | 4 | 4 | | 4 | | | | |
| 26 | Ekonometria | wykl. | godz. | | | | | 30 | 30 | egzamin | 60 | | | | |
| | | ćwic. | godz. | | | | | 30 | 30 | | 7 | | | | |
| | | | ECTS | | | | | 7 | 7 | | 7 | | | | |
| 27 | Matematyka ubezpieczeniowa | konw. | godz. | | | | | 30 | 30 | egzamin | 30 | | | | |
| | | | ECTS | | | | | 4 | 4 | | 4 | | | | |
| 28 | Finanse II | konw. | godz. | | | | | 30 | 30 | zaliczenie | 30 | | | | |
| | | | ECTS | | | | | 4 | 4 | | 4 | | | | |
| Suma godzin zajęć w grupie | | | | | | | | | | | | | | | |
| Suma ECTS w grupie | | | | | | | | | | | | | | | |
| | | | | 360 | 360 | 180 | 150 | 150 | 60 | 1260 | | 750 | 510 | 0 | 0 |
| | | | | 30,5 | 30 | 21 | 14 | 17 | 8 | 120 | | 78 | 42 | 0 | 0 |
| C. Przedmioty kierunkowe | | | | | | | | | | | | | | | |
| 29 | Topologia | wykl. | godz. | | | 30 | | | | 30 | egzamin | | 75 | | |
| | | ćwic. | godz. | | | 45 | | | | 45 | | | 7 | | |
| | | | ECTS | | | 7 | | | | 7 | | | | | |
| 30 | Analiza matematyczna II.1 | wykl. | godz. | | | 60 | | | | 60 | egzamin | | 120 | | |
| | | ćwic. | godz. | | | 60 | | | | 60 | | | 10 | | |
| | | | ECTS | | | 10 | | | | 10 | | | | | |
| 31 | Rachunek prawdopodobieństwa I | wykl. | godz. | | | | 30 | | | 30 | egzamin | | 75 | | |
| | | ćwic. | godz. | | | | 45 | | | 45 | | | 7 | | |
| | | | ECTS | | | | 7 | | | 7 | | | | | |
| 32 | Matematyka obliczeniowa | wykl. | godz. | | | | 30 | | | 30 | egzamin | | 75 | | |
| | | ćwic. | godz. | | | | 45 | | | 45 | | | 7 | | |
| | | | ECTS | | | | 7 | | | 7 | | | | | |
| 33 | Równania różniczkowe zwyczajne | wykl. | godz. | | | | 30 | | | 30 | egzamin | | | 75 | |
| | | ćwic. | godz. | | | | 45 | | | 45 | | | 7 | | |
| | | | ECTS | | | | 7 | | | 7 | | | | | |
| 34 | Rachunek prawdopodobieństwa II | wykl. | godz. | | | | | 30 | | 30 | egzamin | | 60 | | |
| | | ćwic. | godz. | | | | | 30 | | 30 | | | 6 | | |
| | | | ECTS | | | | | 6 | | 6 | | | | | |
| 35 | Statystyka I | wykl. | godz. | | | | | 30 | | 30 | egzamin | | 60 | | |
| | | ćwic. | godz. | | | | | 30 | | 30 | | | 6 | | |
| | | | ECTS | | | | | 6 | | 6 | | | | | |
| 36 | Funkcje analityczne | wykl. | godz. | | | | | 30 | | 30 | egzamin | | 60 | | |
| | | ćwic. | godz. | | | | | 30 | | 30 | | | 6 | | |
| | | | ECTS | | | | | 6 | | 6 | | | | | |
| 37 | Analiza szeregów czasowych | konw. | godz. | | | | | | 30 | 30 | egzamin | | | 30 | |
| | | | ECTS | | | | | | | 3 | | 3 | | | 3 |
| 38 | Przedmiot fakultatywny I | konw. | godz. | | | | | 60 | | 60 | egzamin | | 60 | | |
| | | | ECTS | | | | | 6 | | 6 | | | 6 | | |
| 39 | Przedmiot fakultatywny II | konw. | godz. | | | | | 60 | | 60 | egzamin | | 60 | | |
| | | | ECTS | | | | | 6 | | 6 | | | 6 | | |
| 40 | Przedmiot fakultatywny III | konw. | godz. | | | | | | 60 | 60 | egzamin | | 60 | | |
| | | | ECTS | | | | | | 6 | 6 | | | 6 | | |
| Suma godzin zajęć w grupie | | | | | | | | | | | | | | | |
| Suma ECTS w grupie | | | | | | | | | | | | | | | |
| | | | | 0 | 0 | 195 | 225 | 300 | 90 | 810 | | 0 | 705 | 105 | 0 |
| | | | | 0 | 0 | 17 | 21 | 30 | 9 | 77 | | 0 | 67 | 10 | 0 |
| D. Przedmioty finalne | | | | | | | | | | | | | | | |
| 41 | Praktyki | praktyka | godz. | | | | 60 | | | 60 | zaliczenie | | | | 60 |
| | | | ECTS | | | | 2 | | | 2 | | | | | 2 |
| 42 | Seminarium licencjackie WNE | sem. | godz. | | | | | 30 | 30 | zaliczenie | 60 | | | | |
| | | | ECTS | | | | | 4 | 3 | 7 | 7 | | | | |
| 43 | Seminarium licencjackie WMIM | sem. | godz. | | | | | 30 | 30 | zaliczenie | | 60 | | | |
| | | | ECTS | | | | | 1 | 1 | 2 | | 2 | | | |
| 44 | Złożenie pracy licencjackiej WNE | sem. | godz. | | | | | | 0 | 0 | egzamin | 0 | | | |
| | | | ECTS | | | | | | | 10 | | 10 | 10 | | |
| 45 | Złożenie pracy licencjackiej WMIM | sem. | godz. | | | | | | 0 | 0 | egzamin | | 0 | | |
| | | | ECTS | | | | | | | 6 | | 6 | | 6 | |
| Suma godzin zajęć w grupie | | | | | | | | | | | | | | | |
| Suma ECTS w grupie | | | | | | | | | | | | | | | |
| | | | | 0 | 0 | 0 | 60 | 60 | 60 | 180 | | 60 | 60 | 0 | 60 |
| | | | | 0 | 0 | 0 | 2 | 5 | 20 | 27 | | 17 | 8 | 0 | 2 |
| Ogółem godzin | | | | | | | | | | | | | | | |
| | | | | 428 | 480 | 465 | 525 | 510 | 240 | 2648 | | 870 | 1275 | 105 | 398 |
| Ogółem ECTS | | | | | | | | | | | | | | | |
| | | | | 33,5 | 35 | 40 | 41 | 52 | 40 | 241 | | 101 | 117 | 10 | 13 |