

Nazwa kierunku studiów: FINANSE I RACHUNKOWOŚĆ

Poziom studiów: drugiego stopnia

Poziom kwalifikacji (PRK): 7

Profil studiów: ogólnoakademicki

Dyscypliny naukowe : ekonomia i finanse 82%  
nauki o zarządzaniu i jakości 18%

Kod ISCED: 0411

Forma studiów: niestacjonarne

Tytuł zawodowy nadawany absolwentom: magister

2025/2026

| Lp.                                          | Nazwa przedmiotu/zajęć                                     | Egzamin po sem. | Zaliczenie po sem. | GODZINY |       |     |     |    |    |     |     | ECTS | I rok                     |    |    |    |    |            |                           |    |    |    | II rok      |      |                           |    |    |            |    |      |                           |    |    |    |   |      |                           |  |  |  |  |      |  |
|----------------------------------------------|------------------------------------------------------------|-----------------|--------------------|---------|-------|-----|-----|----|----|-----|-----|------|---------------------------|----|----|----|----|------------|---------------------------|----|----|----|-------------|------|---------------------------|----|----|------------|----|------|---------------------------|----|----|----|---|------|---------------------------|--|--|--|--|------|--|
|                                              |                                                            |                 |                    | Razem   | w tym |     |     |    |    |     |     |      | I semestr                 |    |    |    |    | II semestr |                           |    |    |    | III semestr |      |                           |    |    | IV semestr |    |      |                           |    |    |    |   |      |                           |  |  |  |  |      |  |
|                                              |                                                            |                 |                    |         |       |     |     |    |    |     |     |      | forma zajęć dydaktycznych |    |    |    |    | inne       | forma zajęć dydaktycznych |    |    |    |             | ECTS | forma zajęć dydaktycznych |    |    |            |    | ECTS | forma zajęć dydaktycznych |    |    |    |   | ECTS | forma zajęć dydaktycznych |  |  |  |  | ECTS |  |
|                                              |                                                            |                 |                    |         |       |     |     |    |    |     |     |      |                           |    |    |    |    |            |                           |    |    |    |             |      |                           |    |    |            |    |      |                           |    |    |    |   |      |                           |  |  |  |  |      |  |
|                                              |                                                            |                 |                    |         | W     | Ć   | L   | K  | S  | IGK | ZBN |      | W                         | Ć  | L  | K  | S  | ECTS       | W                         | Ć  | L  | K  | S           | ECTS | W                         | Ć  | L  | K          | S  | ECTS | W                         | Ć  | L  | K  | S | ECTS |                           |  |  |  |  |      |  |
| A. Grupa zajęć podstawowych                  |                                                            |                 |                    |         |       |     |     |    |    |     |     |      |                           |    |    |    |    |            |                           |    |    |    |             |      |                           |    |    |            |    |      |                           |    |    |    |   |      |                           |  |  |  |  |      |  |
| 1                                            | Ekometria finansowa                                        |                 | Z/2                | 30      | 10    |     | 20  |    |    |     |     |      | 4                         |    |    |    |    |            |                           | 10 |    |    | 20          |      |                           | 4  |    |            |    |      |                           |    |    |    |   |      |                           |  |  |  |  |      |  |
| 2                                            | Makroekonomia II                                           | E/1             | Z/1                | 25      | 10    | 15  |     |    |    |     |     |      | 4                         | 10 | 15 |    |    |            | 4                         |    |    |    |             |      |                           |    |    |            |    |      |                           |    |    |    |   |      |                           |  |  |  |  |      |  |
| 3                                            | Prawo spółek handlowych                                    |                 | Z/1                | 10      | 10    |     |     |    |    |     |     |      | 1                         | 10 |    |    |    |            | 1                         |    |    |    |             |      |                           |    |    |            |    |      |                           |    |    |    |   |      |                           |  |  |  |  |      |  |
| 4                                            | Statystyka w finansach                                     |                 | Z/1                | 30      | 10    |     | 20  |    |    |     |     |      | 4                         | 10 |    | 20 |    |            | 4                         |    |    |    |             |      |                           |    |    |            |    |      |                           |    |    |    |   |      |                           |  |  |  |  |      |  |
| 5                                            | Teoria gier i decyzje menedżerskie                         |                 | Z/1                | 15      |       |     | 15  |    |    |     |     |      | 2                         |    |    | 15 |    |            | 2                         |    |    |    |             |      |                           |    |    |            |    |      |                           |    |    |    |   |      |                           |  |  |  |  |      |  |
| 6                                            | Zarządzanie zasobami ludzkimi                              |                 | Z/1                | 15      |       |     |     | 15 |    |     |     |      | 2                         |    |    | 15 |    |            | 2                         |    |    |    |             |      |                           |    |    |            |    |      |                           |    |    |    |   |      |                           |  |  |  |  |      |  |
| 7                                            | Rynek kapitałowy                                           | E/2             | Z/2                | 25      | 10    | 15  |     |    |    |     |     |      | 4                         |    |    |    |    |            | 10                        | 15 |    |    |             |      | 4                         |    |    |            |    |      |                           |    |    |    |   |      |                           |  |  |  |  |      |  |
| 8                                            | Bankowość                                                  |                 | Z/2                | 25      | 10    | 15  |     |    |    |     |     |      | 4                         |    |    |    |    |            | 10                        | 15 |    |    |             |      | 4                         |    |    |            |    |      |                           |    |    |    |   |      |                           |  |  |  |  |      |  |
| 9                                            | Gry decyzyjne                                              |                 | Z/3                | 10      |       |     | 10  |    |    |     |     |      | 1                         |    |    |    |    |            |                           |    |    |    |             |      |                           |    |    | 10         |    | 1    |                           |    |    |    |   |      |                           |  |  |  |  |      |  |
| 10                                           | Metodologia finansów                                       |                 | Z/2                | 10      |       |     |     | 10 |    |     |     |      | 1                         |    |    |    |    |            |                           |    |    |    | 10          |      | 1                         |    |    |            |    |      |                           |    |    |    |   |      |                           |  |  |  |  |      |  |
| 11                                           | Makroekonomia gospodarki otwartej                          | E/2             | Z/2                | 25      | 10    | 15  |     |    |    |     |     |      | 4                         |    |    |    |    |            | 10                        | 15 |    |    |             | 4    |                           |    |    |            |    |      |                           |    |    |    |   |      |                           |  |  |  |  |      |  |
| Razem grupa zajęć A                          |                                                            |                 |                    |         | 220   | 70  | 60  | 65 | 25 |     |     |      | 31                        | 30 | 15 | 35 | 15 |            | 13                        | 40 | 45 | 20 | 10          |      | 17                        |    |    | 10         |    |      | 1                         |    |    |    |   |      |                           |  |  |  |  |      |  |
| B. Grupa zajęć kierunkowych                  |                                                            |                 |                    |         |       |     |     |    |    |     |     |      |                           |    |    |    |    |            |                           |    |    |    |             |      |                           |    |    |            |    |      |                           |    |    |    |   |      |                           |  |  |  |  |      |  |
| B1. Grupa zajęć kierunkowych - obowiązkowych |                                                            |                 |                    |         |       |     |     |    |    |     |     |      |                           |    |    |    |    |            |                           |    |    |    |             |      |                           |    |    |            |    |      |                           |    |    |    |   |      |                           |  |  |  |  |      |  |
| 12                                           | Finanse behawioralne                                       |                 | Z/2                | 20      | 10    |     | 10  |    |    |     |     |      | 2                         |    |    |    |    |            |                           | 10 |    | 10 |             |      | 2                         |    |    |            |    |      |                           |    |    |    |   |      |                           |  |  |  |  |      |  |
| 13                                           | AI w finansach i rachunkowości                             |                 | Z/3                | 20      | 10    |     | 10  |    |    |     |     |      | 2                         |    |    |    |    |            |                           |    |    |    |             |      |                           |    | 10 |            | 10 |      |                           | 2  |    |    |   |      |                           |  |  |  |  |      |  |
| 14                                           | Finanse menedżerskie                                       | E/1             | Z/1                | 30      | 15    | 15  |     |    |    |     |     |      | 4.5                       | 15 | 15 |    |    |            | 4.5                       |    |    |    |             |      |                           |    |    |            |    |      |                           |    |    |    |   |      |                           |  |  |  |  |      |  |
| 15                                           | Strategie finansowe przedsiębiorstw                        |                 | Z/2                | 25      | 10    | 15  |     |    |    |     |     |      | 3                         |    |    |    |    |            | 10                        | 15 |    |    |             | 3    |                           |    |    |            |    |      |                           |    |    |    |   |      |                           |  |  |  |  |      |  |
| 16                                           | Inżynieria finansowa                                       |                 | Z/4                | 20      | 10    |     | 10  |    |    |     |     |      | 2                         |    |    |    |    |            |                           |    |    |    |             |      |                           |    |    |            | 10 |      | 10                        |    |    | 2  |   |      |                           |  |  |  |  |      |  |
| 17                                           | Planowanie finansowe i budżetowanie w przedsiębiorstwie    |                 | Z/4                | 20      | 10    |     | 10  |    |    |     |     |      | 2                         |    |    |    |    |            |                           |    |    |    |             |      |                           |    |    |            | 10 |      | 10                        |    |    | 2  |   |      |                           |  |  |  |  |      |  |
| 18                                           | Rachunkowość finansowa II                                  | E/2             | Z/2                | 30      | 15    | 15  |     |    |    |     |     |      | 3                         |    |    |    |    |            | 15                        | 15 |    |    |             | 3    |                           |    |    |            |    |      |                           |    |    |    |   |      |                           |  |  |  |  |      |  |
| 19                                           | Kalkulacja i rachunek kosztów                              | E/3             | Z/3                | 25      | 10    | 15  |     |    |    |     |     |      | 3                         |    |    |    |    |            |                           |    |    |    |             |      |                           |    | 10 | 15         |    | 3    |                           |    |    |    |   |      |                           |  |  |  |  |      |  |
| 20                                           | Sprawozdawczość finansowa i niefinansowa                   |                 | Z/3                | 25      | 10    | 15  |     |    |    |     |     |      | 3                         |    |    |    |    |            |                           |    |    |    |             |      |                           |    | 10 | 15         |    | 3    |                           |    |    |    |   |      |                           |  |  |  |  |      |  |
| 21                                           | Rachunkowość zarządcza                                     | E/4             | Z/4                | 25      | 10    | 15  |     |    |    |     |     |      | 3                         |    |    |    |    |            |                           |    |    |    |             |      |                           |    |    |            | 10 | 15   |                           |    |    | 3  |   |      |                           |  |  |  |  |      |  |
| 22                                           | Podatki i rachunkowość podatkowa                           | E/3             | Z/3                | 25      | 10    | 15  |     |    |    |     |     |      | 3                         |    |    |    |    |            |                           |    |    |    |             |      |                           |    | 10 | 15         |    | 3    |                           |    |    |    |   |      |                           |  |  |  |  |      |  |
| 23                                           | Analiza sprawozdań finansowych                             |                 | Z/4                | 15      |       |     |     | 15 |    |     |     |      | 2                         |    |    |    |    |            |                           |    |    |    |             |      |                           |    |    |            |    |      |                           | 15 |    | 2  |   |      |                           |  |  |  |  |      |  |
| 24                                           | Finanse międzynarodowe                                     |                 | Z/1                | 20      | 10    | 10  |     |    |    |     |     |      | 2                         | 10 | 10 |    |    |            | 2                         |    |    |    |             |      |                           |    |    |            |    |      |                           |    |    |    |   |      |                           |  |  |  |  |      |  |
| 25                                           | Bankowość inwestycyjna i hipoteczna                        |                 | Z/4                | 20      | 10    | 10  |     |    |    |     |     |      | 2                         |    |    |    |    |            |                           |    |    |    |             |      |                           |    |    |            | 10 | 10   |                           |    |    | 2  |   |      |                           |  |  |  |  |      |  |
| 26                                           | Zarządzanie finansami międzynarodowymi w przedsiębiorstwie |                 | Z/1                | 10      |       |     |     | 10 |    |     |     |      | 1                         |    |    | 10 |    |            | 1                         |    |    |    |             |      |                           |    |    |            |    |      |                           |    |    |    |   |      |                           |  |  |  |  |      |  |
| 27                                           | Międzynarodowa integracja rynków finansowych               |                 | Z/1                | 10      |       |     |     | 10 |    |     |     |      | 1                         |    |    | 10 |    |            | 1                         |    |    |    |             |      |                           |    |    |            |    |      |                           |    |    |    |   |      |                           |  |  |  |  |      |  |
| 28                                           | Ubezpieczenia emerytalne i na życie                        |                 | Z/1                | 15      |       |     |     | 15 |    |     |     |      | 2                         |    |    | 15 |    |            | 2                         |    |    |    |             |      |                           |    |    |            |    |      |                           |    |    |    |   |      |                           |  |  |  |  |      |  |
| 29                                           | Ubezpieczenia majątkowe i komunikacyjne                    |                 | Z/1                | 15      |       |     |     | 15 |    |     |     |      | 2                         |    |    | 15 |    |            | 2                         |    |    |    |             |      |                           |    |    |            |    |      |                           |    |    |    |   |      |                           |  |  |  |  |      |  |
| 30                                           | Rynek walutowy i operacje walutowe                         | E/1             | Z/1                | 20      | 10    | 10  |     |    |    |     |     |      | 2                         | 10 | 10 |    |    |            | 2                         |    |    |    |             |      |                           |    |    |            |    |      |                           |    |    |    |   |      |                           |  |  |  |  |      |  |
| 31                                           | Audyty finansowy                                           | E/4             | Z/4                | 25      | 10    | 15  |     |    |    |     |     |      | 3                         |    |    |    |    |            |                           |    |    |    |             |      |                           |    |    |            | 10 | 15   |                           |    |    |    | 3 |      |                           |  |  |  |  |      |  |
| 32                                           | Rachunkowość komputerowa II                                |                 | Z/3                | 15      |       |     |     | 15 |    |     |     |      | 2                         |    |    |    |    |            |                           |    |    |    |             |      |                           |    |    | 15         |    |      | 2                         |    |    |    |   |      |                           |  |  |  |  |      |  |
| Razem grupa zajęć B1                         |                                                            |                 |                    |         | 430   | 160 | 150 | 55 | 65 |     |     |      | 49.5                      | 35 | 35 |    | 50 |            | 14.5                      | 35 | 30 | 10 |             |      | 8                         | 40 | 45 | 25         |    | 13   | 50                        | 40 | 20 | 15 |   | 14   |                           |  |  |  |  |      |  |

| Lp.                                                                                                | Nazwa przedmiotu/zajęć                                                                                                               | Egzamin po sem. | Zaliczenie po sem. | GODZINY                         |                           |     |     |     |    |     |     | ECTS | I rok                     |    |    |     |     |      |                           |    |    |    | II rok |      |                           |    |    |     |    |      |                           |    |    |    |    |      |  |
|----------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|-----------------|--------------------|---------------------------------|---------------------------|-----|-----|-----|----|-----|-----|------|---------------------------|----|----|-----|-----|------|---------------------------|----|----|----|--------|------|---------------------------|----|----|-----|----|------|---------------------------|----|----|----|----|------|--|
|                                                                                                    |                                                                                                                                      |                 |                    | Razem<br>zajęcia<br>dydaktyczne | w tym                     |     |     |     |    |     |     |      | I semestr                 |    |    |     |     | ECTS | II semestr                |    |    |    |        | ECTS | III semestr               |    |    |     |    | ECTS | IV semestr                |    |    |    |    | ECTS |  |
|                                                                                                    |                                                                                                                                      |                 |                    |                                 | forma zajęć dydaktycznych |     |     |     |    |     |     |      | forma zajęć dydaktycznych |    |    |     |     |      | forma zajęć dydaktycznych |    |    |    |        |      | forma zajęć dydaktycznych |    |    |     |    |      | forma zajęć dydaktycznych |    |    |    |    |      |  |
|                                                                                                    |                                                                                                                                      |                 |                    |                                 |                           |     |     |     |    |     |     |      |                           |    |    |     |     |      |                           |    |    |    |        |      |                           |    |    |     |    |      |                           |    |    |    |    |      |  |
|                                                                                                    |                                                                                                                                      |                 |                    |                                 | W                         | Ć   | L   | K   | S  | IGK | ZBN |      | W                         | Ć  | L  | K   | S   |      | W                         | Ć  | L  | K  | S      |      | W                         | Ć  | L  | K   | S  |      | W                         | Ć  | L  | K  | S  |      |  |
| B2. Grupa zajęć kierunkowych obieranych                                                            |                                                                                                                                      |                 |                    |                                 |                           |     |     |     |    |     |     |      |                           |    |    |     |     |      |                           |    |    |    |        |      |                           |    |    |     |    |      |                           |    |    |    |    |      |  |
| 33                                                                                                 | Przedmiot do wyboru 1(1 z 2)                                                                                                         |                 | Z/3                | 15                              |                           |     |     | 15  |    |     |     |      | 2                         |    |    |     |     |      |                           |    |    |    |        |      |                           |    |    | 15  |    | 2    |                           |    |    |    |    |      |  |
| 33a                                                                                                | - Zarządzanie portfelem inwestycyjnym i analizy giełdowe                                                                             |                 |                    |                                 |                           |     |     |     |    |     |     |      |                           |    |    |     |     |      |                           |    |    |    |        |      |                           |    |    |     |    |      |                           |    |    |    |    |      |  |
| 33b                                                                                                | - Planowanie i metody oceny efektywności inwestycji                                                                                  |                 |                    |                                 |                           |     |     |     |    |     |     |      |                           |    |    |     |     |      |                           |    |    |    |        |      |                           |    |    |     |    |      |                           |    |    |    |    |      |  |
| 34                                                                                                 | Przedmiot do wyboru 2 (1 z 2)                                                                                                        |                 | Z/4                | 25                              | 10                        | 15  |     |     |    |     |     |      | 4                         |    |    |     |     |      |                           |    |    |    |        |      |                           |    |    |     |    | 10   | 15                        |    |    |    |    | 4    |  |
| 34a                                                                                                | - Standardy sprawozdawczości finansowej i MSR                                                                                        |                 |                    |                                 |                           |     |     |     |    |     |     |      |                           |    |    |     |     |      |                           |    |    |    |        |      |                           |    |    |     |    |      |                           |    |    |    |    |      |  |
| 34b                                                                                                | - Metody wyceny wartości przedsiębiorstw                                                                                             |                 |                    |                                 |                           |     |     |     |    |     |     |      |                           |    |    |     |     |      |                           |    |    |    |        |      |                           |    |    |     |    |      |                           |    |    |    |    |      |  |
| 35                                                                                                 | Przedmiot do wyboru 3 w języku obcym (1 z 2)                                                                                         |                 | Z/2                | 15                              | 15                        |     |     |     |    |     |     |      | 2                         |    |    |     |     | 15   |                           |    |    |    | 2      |      |                           |    |    |     |    |      |                           |    |    |    |    |      |  |
| 35a                                                                                                | - Special issue and financial management/Finanzielle Entwicklung und Börsen/Финансовое развитие и фондовые биржи                     |                 |                    |                                 |                           |     |     |     |    |     |     |      |                           |    |    |     |     |      |                           |    |    |    |        |      |                           |    |    |     |    |      |                           |    |    |    |    |      |  |
| 35b                                                                                                | - Financial development and economic growth/Finanzielle Entwicklung und Wirtschaftswachstum/Финансовое развитие и экономический рост |                 |                    |                                 |                           |     |     |     |    |     |     |      |                           |    |    |     |     |      |                           |    |    |    |        |      |                           |    |    |     |    |      |                           |    |    |    |    |      |  |
| 36                                                                                                 | Przedmiot do wyboru 4 (1 z 2)                                                                                                        |                 | Z/3                | 15                              |                           |     |     | 15  |    |     |     |      | 2                         |    |    |     |     |      |                           |    |    |    |        |      |                           |    |    | 15  |    | 2    |                           |    |    |    |    |      |  |
| 36a                                                                                                | - Analiza i wycena instrumentów finansowych                                                                                          |                 |                    |                                 |                           |     |     |     |    |     |     |      |                           |    |    |     |     |      |                           |    |    |    |        |      |                           |    |    |     |    |      |                           |    |    |    |    |      |  |
| 36b                                                                                                | - Wprowadzanie akcji na rynek giełdowy                                                                                               |                 |                    |                                 |                           |     |     |     |    |     |     |      |                           |    |    |     |     |      |                           |    |    |    |        |      |                           |    |    |     |    |      |                           |    |    |    |    |      |  |
| 37                                                                                                 | Przedmiot do wyboru 5 (1 z 2)                                                                                                        | E/3             | Z/3                | 25                              | 10                        | 15  |     |     |    |     |     |      | 4                         |    |    |     |     |      |                           |    |    |    |        |      |                           |    | 10 | 15  |    | 4    |                           |    |    |    |    |      |  |
| 37a                                                                                                | - Finanse i rachunkowość zakładów ubezpieczeń                                                                                        |                 |                    |                                 |                           |     |     |     |    |     |     |      |                           |    |    |     |     |      |                           |    |    |    |        |      |                           |    |    |     |    |      |                           |    |    |    |    |      |  |
| 37b                                                                                                | - Finanse i rachunkowość banków                                                                                                      |                 |                    |                                 |                           |     |     |     |    |     |     |      |                           |    |    |     |     |      |                           |    |    |    |        |      |                           |    |    |     |    |      |                           |    |    |    |    |      |  |
| Razem grupa zajęć B2                                                                               |                                                                                                                                      |                 |                    | 95                              | 35                        | 30  |     |     | 30 |     |     | 14   |                           |    |    | 0   | 15  |      |                           |    |    | 2  | 10     | 15   |                           | 30 |    | 8   | 10 | 15   |                           |    |    |    | 4  |      |  |
| Razem grupa zajęć B                                                                                |                                                                                                                                      |                 |                    | 525                             | 195                       | 180 | 55  | 95  |    |     |     | 63.5 | 35                        | 35 | 0  | 50  |     | 14.5 | 50                        | 30 | 10 |    | 10     | 50   | 60                        | 25 | 30 |     | 21 | 60   | 55                        | 20 | 15 |    | 18 |      |  |
| C. Grupa zajęć obieranych                                                                          |                                                                                                                                      |                 |                    |                                 |                           |     |     |     |    |     |     |      |                           |    |    |     |     |      |                           |    |    |    |        |      |                           |    |    |     |    |      |                           |    |    |    |    |      |  |
| 38                                                                                                 | Realizacja projektu badawczego                                                                                                       |                 | Z/3                | 15                              |                           | 15  |     |     |    |     |     | 65   | 4                         |    |    |     |     |      |                           |    |    |    |        |      |                           |    | 15 |     |    | 4    |                           |    |    |    |    |      |  |
| Razem grupa zajęć C                                                                                |                                                                                                                                      |                 |                    | 15                              |                           | 15  |     |     |    |     | 65  | 4    |                           |    |    |     |     |      |                           |    |    |    |        |      |                           | 15 |    |     | 4  |      |                           |    |    |    |    |      |  |
| D. Grupa zajęć z dziedziny nauk humanistycznych lub nauk społecznych                               |                                                                                                                                      |                 |                    |                                 |                           |     |     |     |    |     |     |      |                           |    |    |     |     |      |                           |    |    |    |        |      |                           |    |    |     |    |      |                           |    |    |    |    |      |  |
| D <sub>1</sub> . Grupa zajęć z dziedziny nauk humanistycznych lub nauk społecznych - obowiązkowych |                                                                                                                                      |                 |                    |                                 |                           |     |     |     |    |     |     |      |                           |    |    |     |     |      |                           |    |    |    |        |      |                           |    |    |     |    |      |                           |    |    |    |    |      |  |
| 39                                                                                                 | Etyczne aspekty pracy zawodowej                                                                                                      |                 | Z/2                | 20                              | 20                        |     |     |     |    |     |     | 3    |                           |    |    |     |     | 20   |                           |    |    |    | 3      |      |                           |    |    |     |    |      |                           |    |    |    |    |      |  |
| D <sub>2</sub> . Grupa zajęć z dziedziny nauk humanistycznych lub nauk społecznych - do wyboru     |                                                                                                                                      |                 |                    |                                 |                           |     |     |     |    |     |     |      |                           |    |    |     |     |      |                           |    |    |    |        |      |                           |    |    |     |    |      |                           |    |    |    |    |      |  |
| 40                                                                                                 | Przedmiot z obszaru nauk humanistycznych lub nauk społecznych                                                                        |                 | Z/3                | 15                              | 15                        |     |     |     |    |     |     | 2    |                           |    |    |     |     |      |                           |    |    |    |        |      |                           | 15 |    |     | 2  |      |                           |    |    |    |    |      |  |
| Razem grupa zajęć D                                                                                |                                                                                                                                      |                 |                    | 35                              | 35                        |     |     |     |    |     |     | 5    |                           |    |    |     | 20  |      |                           |    |    | 3  | 15     |      |                           |    |    | 2   |    |      |                           |    |    |    |    |      |  |
| E. Grupa zajęć ogólnouczelnianych                                                                  |                                                                                                                                      |                 |                    |                                 |                           |     |     |     |    |     |     |      |                           |    |    |     |     |      |                           |    |    |    |        |      |                           |    |    |     |    |      |                           |    |    |    |    |      |  |
| E <sub>1</sub> . Grupa zajęć ogólnouczelnianych - obowiązkowych                                    |                                                                                                                                      |                 |                    |                                 |                           |     |     |     |    |     |     |      |                           |    |    |     |     |      |                           |    |    |    |        |      |                           |    |    |     |    |      |                           |    |    |    |    |      |  |
| 41                                                                                                 | Ochrona własności przemysłowej i prawo autorskie                                                                                     |                 | Z/1                | 6                               | 6                         |     |     |     |    |     |     | 0.5  | 6                         |    |    |     | 0.5 |      |                           |    |    |    |        |      |                           |    |    |     |    |      |                           |    |    |    |    |      |  |
| E <sub>2</sub> . Grupa zajęć ogólnouczelnianych - do wyboru                                        |                                                                                                                                      |                 |                    |                                 |                           |     |     |     |    |     |     |      |                           |    |    |     |     |      |                           |    |    |    |        |      |                           |    |    |     |    |      |                           |    |    |    |    |      |  |
| 42                                                                                                 | Język obcy                                                                                                                           |                 | Z/1                | 20                              |                           | 20  |     |     |    |     |     | 2    |                           | 20 |    |     | 2   |      |                           |    |    |    |        |      |                           |    |    |     |    |      |                           |    |    |    |    |      |  |
| Razem grupa zajęć E                                                                                |                                                                                                                                      |                 |                    | 26                              | 6                         | 20  |     |     |    |     | 2.5 | 6    | 20                        |    |    | 2.5 |     |      |                           |    |    |    |        |      |                           |    |    |     |    |      |                           |    |    |    |    |      |  |
| H. Grupa zajęć: Przygotowanie pracy dyplomowej i przygotowanie do egzaminu dyplomowego             |                                                                                                                                      |                 |                    |                                 |                           |     |     |     |    |     |     |      |                           |    |    |     |     |      |                           |    |    |    |        |      |                           |    |    |     |    |      |                           |    |    |    |    |      |  |
| 43                                                                                                 | Seminarium dyplomowe                                                                                                                 |                 | Z/3-4              | 40                              |                           |     |     | 40  | 14 |     | 14  |      |                           |    |    |     |     |      |                           |    |    |    |        |      |                           |    |    | 20  | 2  |      |                           |    |    | 20 | 12 |      |  |
| Razem grupa zajęć H                                                                                |                                                                                                                                      |                 |                    | 40                              |                           |     |     | 40  | 14 | 0   | 14  |      |                           |    |    |     |     |      |                           |    |    |    |        |      |                           |    |    | 20  | 2  |      |                           |    |    | 20 | 12 |      |  |
| Razem A+B+C+D+E+H                                                                                  |                                                                                                                                      |                 |                    | 861                             | 306                       | 275 | 120 | 120 | 40 | 14  | 65  | 120  | 71                        | 70 | 35 | 65  |     | 30   | 110                       | 75 | 30 | 10 |        | 30   | 65                        | 75 | 35 | 30  | 20 | 30   | 60                        | 55 | 20 | 15 | 20 | 30   |  |
| Liczba godzin w semestrze                                                                          |                                                                                                                                      |                 |                    |                                 |                           |     |     |     |    |     |     |      | 241                       |    |    |     |     | 225  |                           |    |    |    | 225    |      |                           |    |    | 170 |    |      |                           |    |    |    |    |      |  |
| Liczba egzaminów w semestrze                                                                       |                                                                                                                                      |                 |                    |                                 |                           |     |     |     |    |     |     |      | 3                         |    |    |     |     | 3    |                           |    |    |    | 3      |      |                           |    |    | 2   |    |      |                           |    |    |    |    |      |  |
| Liczba punktów ECTS w semestrze                                                                    |                                                                                                                                      |                 |                    |                                 |                           |     |     |     |    |     |     |      | 30                        |    |    |     |     | 30   |                           |    |    |    | 30     |      |                           |    |    | 30  |    |      |                           |    |    |    |    |      |  |

Oznaczenia:

W- wykład, Ć - ćwiczenia, L - laboratoria, K - konwersatoria,  
S - seminarium, IGK - inne godziny kontaktowe, ZBN - zajęcia  
bez nauczyciela

| Pozostałe zajęcia obowiązkowe | semestr | godziny |
|-------------------------------|---------|---------|
| 46 Szkolenie BHP              | 1       | 4       |
| 47 Szkolenie biblioteczne     | 1       | 2       |

| Semestr | dozwolony deficyt punktów ECTS po poszczególnych semestrach: |
|---------|--------------------------------------------------------------|
| 1       | 12                                                           |
| 2       | 12                                                           |
| 3       | 12                                                           |
| 4       | -                                                            |