

**HARMONOGRAM REALIZACJI ZAJĘĆ NA STUDIACH NIESTACJONARNYCH PIERWSZEGO STOPNIA (PLAN STUDIÓW)**

pięćć jednostki organizacyjnej

Kierunek: Logistyka

Rok akad. 2025/2026

Rodzaj zajęć: grupa I (W-wykład, WS-wykład specjalistyczny) grupa II (C-ćwiczenia, L-laboratorium, LE - lektorat, P-praktyki, S-seminarium) grupa III (E-e-learning)

| Lp.                                                              | Przedmiot                                               | kod                   | forma zal. po semestrze |         |     | Rozkład godzin |    |    |     |           |    |        |     |           |    |    |     |           |    |    |     |           |    |    |     | Razem godz. | Całkowity nakład pracy studenta | Razem ECTS |           |    |     |     |    |   |    |     |      |    |
|------------------------------------------------------------------|---------------------------------------------------------|-----------------------|-------------------------|---------|-----|----------------|----|----|-----|-----------|----|--------|-----|-----------|----|----|-----|-----------|----|----|-----|-----------|----|----|-----|-------------|---------------------------------|------------|-----------|----|-----|-----|----|---|----|-----|------|----|
|                                                                  |                                                         |                       |                         |         |     | I rok          |    |    |     |           |    | II rok |     |           |    |    |     | III rok   |    |    |     |           |    |    |     |             |                                 |            |           |    |     |     |    |   |    |     |      |    |
|                                                                  |                                                         |                       |                         |         |     | 1 semestr      |    |    |     | 2 semestr |    |        |     | 3 semestr |    |    |     | 4 semestr |    |    |     | 5 semestr |    |    |     |             |                                 |            | 6 semestr |    |     |     |    |   |    |     |      |    |
|                                                                  |                                                         |                       | I                       | II      | III | ECTS           | I  | II | III | ECTS      | I  | II     | III | ECTS      | I  | II | III | ECTS      | I  | II | III | ECTS      | I  | II | III |             |                                 |            | ECTS      |    |     |     |    |   |    |     |      |    |
| 1. PRZEDMIOTY KSZTAŁCENIA OGÓLNEGO                               |                                                         |                       |                         |         |     |                |    |    |     |           |    |        |     |           |    |    |     |           |    |    |     |           |    |    |     |             |                                 |            |           |    |     |     |    |   |    |     |      |    |
| 1                                                                | Język obcy (poziom B2)                                  | 0413.3.LOG1.A1.JOB    | 5                       | 2,3,4,5 |     |                |    |    |     |           | 20 |        | 2   |           | 20 |    | 2   |           | 20 |    | 2   |           | 30 |    | 3   |             |                                 |            |           | 90 | 225 | 9   |    |   |    |     |      |    |
| 2                                                                | Techniki informacyjno-komunikacyjne                     | 0413.3.LOG1.A2.TECH   |                         | 1       |     |                | 15 |    |     | 2         |    |        |     |           |    |    |     |           |    |    |     |           |    |    |     |             |                                 |            |           | 15 | 50  | 2   |    |   |    |     |      |    |
| 3                                                                | Ochrona własności przemysłowej i prawa autorskiego      | 0413.3.LOG1.A3.OCH    |                         | 2       |     |                |    |    |     | 10        |    |        | 1   |           |    |    |     |           |    |    |     |           |    |    |     |             |                                 |            |           | 10 | 25  | 1   |    |   |    |     |      |    |
| 4                                                                | Przedsiębiorczość                                       | 0413.3.LOG1.A4.PRZ    |                         | 2       |     |                |    |    |     | 10        |    |        | 1   |           |    |    |     |           |    |    |     |           |    |    |     |             |                                 |            |           | 10 | 25  | 1   |    |   |    |     |      |    |
| Przedmioty z dziedziny nauk humanistycznych:                     |                                                         |                       |                         |         |     |                |    |    |     |           |    |        |     |           |    |    |     |           |    |    |     |           |    |    |     |             |                                 |            |           |    |     |     |    |   |    |     |      |    |
| 5                                                                | Etyka biznesu                                           | 0413.3.LOG1.A5.ETY    |                         | 1       |     | 15             |    |    | 2   |           |    |        |     |           |    |    |     |           |    |    |     |           |    |    |     |             |                                 |            |           | 15 | 50  | 2   |    |   |    |     |      |    |
| 6                                                                | Podstawy logiki                                         | 0413.3.LOG1.A6.PLO    |                         | 1       |     | 15             |    |    | 2   |           |    |        |     |           |    |    |     |           |    |    |     |           |    |    |     |             |                                 |            |           | 15 | 50  | 2   |    |   |    |     |      |    |
| 7                                                                | Kultura słowa                                           | 0413.3.LOG1.A7.KUL    |                         | 2       |     |                |    |    |     | 10        |    |        | 1   |           |    |    |     |           |    |    |     |           |    |    |     |             |                                 |            |           | 10 | 25  | 1   |    |   |    |     |      |    |
| Przedmiot w zakresie wsparcia studentów w procesie uczenia się*: |                                                         |                       |                         |         |     |                |    |    |     |           |    |        |     |           |    |    |     |           |    |    |     |           |    |    |     |             |                                 |            |           |    |     |     |    |   |    |     |      |    |
| 8                                                                | Metody wspomagania uczenia się                          | 0413.3.LOG1.A8.MET    |                         | 2       |     |                |    |    |     | 15        |    |        | 2   |           |    |    |     |           |    |    |     |           |    |    |     |             |                                 |            |           | 15 | 50  | 2   |    |   |    |     |      |    |
| 9                                                                | Radzenie sobie ze stresem                               | 0413.3.LOG1.A9.RAD    |                         |         |     |                |    |    |     |           |    |        |     |           |    |    |     |           |    |    |     |           |    |    |     |             |                                 |            |           | 10 | 25  | 1   |    |   |    |     |      |    |
| Przedmioty w zakresie przysposobienia akademickiego:             |                                                         |                       |                         |         |     |                |    |    |     |           |    |        |     |           |    |    |     |           |    |    |     |           |    |    |     |             |                                 |            |           |    |     |     |    |   |    |     |      |    |
| 10                                                               | BHP                                                     | 0413.3.LOG1.A10.BHP   |                         |         | 1   | 4              |    |    | 0   |           |    |        |     |           |    |    |     |           |    |    |     |           |    |    |     |             |                                 |            |           | 4  | 4   | 0   |    |   |    |     |      |    |
| 11                                                               | Szkolenie biblioteczne                                  | 0413.3.LOG1.A11.PBI   |                         |         | 1   | 2              |    |    | 0   |           |    |        |     |           |    |    |     |           |    |    |     |           |    |    |     |             |                                 |            |           | 2  | 2   | 0   |    |   |    |     |      |    |
| 12                                                               | Pierwsza pomoc przedmedyczna                            | 0413.3.LOG1.A12.PPP   |                         |         | 1   | 4              |    |    | 0   |           |    |        |     |           |    |    |     |           |    |    |     |           |    |    |     |             |                                 |            |           | 4  | 4   | 0   |    |   |    |     |      |    |
| Razem                                                            |                                                         |                       |                         |         |     | 34             | 21 | 0  | 0   | 6         | 45 | 20     | 0   | 0         | 7  | 0  | 20  | 0         | 0  | 2  | 0   | 20        | 0  | 0  | 3   | 0           | 0                               | 0          | 0         | 0  | 190 | 510 | 20 |   |    |     |      |    |
| 2. PRZEDMIOTY PODSTAWOWE/KIERUNKOWE                              |                                                         |                       |                         |         |     |                |    |    |     |           |    |        |     |           |    |    |     |           |    |    |     |           |    |    |     |             |                                 |            |           |    |     |     |    |   |    |     |      |    |
| 13                                                               | Matematyka                                              | 0413.3.LOG1.B/C13.MAT | 1                       | 1       |     | 15             | 15 |    | 4   |           |    |        |     |           |    |    |     |           |    |    |     |           |    |    |     |             |                                 |            |           | 30 | 100 | 4   |    |   |    |     |      |    |
| 14                                                               | Ekonomia                                                | 0413.3.LOG1.B/C14.EKO | 1                       | 1       |     | 15             | 15 |    | 5   |           |    |        |     |           |    |    |     |           |    |    |     |           |    |    |     |             |                                 |            |           | 30 | 125 | 5   |    |   |    |     |      |    |
| 15                                                               | Podstawy zarządzania                                    | 0413.3.LOG1.B/C15.PZA | 1                       | 1       |     | 15             | 15 |    | 5   |           |    |        |     |           |    |    |     |           |    |    |     |           |    |    |     |             |                                 |            |           | 30 | 125 | 5   |    |   |    |     |      |    |
| 16                                                               | Prawo gospodarcze                                       | 0413.3.LOG1.B/C16.PRZ |                         | 1       |     | 15             |    |    | 2   |           |    |        |     |           |    |    |     |           |    |    |     |           |    |    |     |             |                                 |            |           | 15 | 50  | 2   |    |   |    |     |      |    |
| 17                                                               | Technologie cyfrowe w logistyce**                       | 0413.3.LOG1.B/C17.TCL |                         | 1       |     | 10             | 10 |    | 3   |           |    |        |     |           |    |    |     |           |    |    |     |           |    |    |     |             |                                 |            |           | 20 | 75  | 3   |    |   |    |     |      |    |
| 18                                                               | Podstawy logistyki                                      | 0413.3.LOG1.B/C18.PLO | 1                       | 1       |     | 15             | 15 |    | 5   |           |    |        |     |           |    |    |     |           |    |    |     |           |    |    |     |             |                                 |            |           | 30 | 125 | 5   |    |   |    |     |      |    |
| 19                                                               | Marketing**                                             | 0413.3.LOG1.B/C19.MAR | 2                       | 2       |     |                |    |    |     | 10        | 10 |        | 3   |           |    |    |     |           |    |    |     |           |    |    |     |             |                                 |            |           | 20 | 75  | 3   |    |   |    |     |      |    |
| 20                                                               | Statystyka w logistyce                                  | 0413.3.LOG1.B/C20.STA | 2                       | 2       |     |                |    |    |     | 10        | 10 |        | 4   |           |    |    |     |           |    |    |     |           |    |    |     |             |                                 |            |           | 20 | 100 | 4   |    |   |    |     |      |    |
| 21                                                               | Zachowania w organizacjach logistycznych**              | 0413.3.LOG1.B/C21.ZOL | 2                       | 2       |     |                |    |    |     | 10        | 10 |        | 4   |           |    |    |     |           |    |    |     |           |    |    |     |             |                                 |            |           | 20 | 100 | 4   |    |   |    |     |      |    |
| 22                                                               | Zarządzanie łańcuchami dostaw**                         | 0413.3.LOG1.B/C22.ZAŁ | 2                       | 2       |     |                |    |    |     | 10        | 10 |        | 4   |           |    |    |     |           |    |    |     |           |    |    |     |             |                                 |            |           | 20 | 100 | 4   |    |   |    |     |      |    |
| 23                                                               | Infrastruktura logistyczna                              | 0413.3.LOG1.B/C23.ILO |                         | 2       |     |                |    |    |     | 10        | 10 |        | 4   |           |    |    |     |           |    |    |     |           |    |    |     |             |                                 |            |           | 20 | 100 | 4   |    |   |    |     |      |    |
| 24                                                               | Sprawozdawczość finansowa w rachunkowości               | 0413.3.LOG1.B/C24.SPF |                         | 2       |     |                |    |    |     | 10        | 10 |        | 4   |           |    |    |     |           |    |    |     |           |    |    |     |             |                                 |            |           | 20 | 100 | 4   |    |   |    |     |      |    |
| 25                                                               | Polityka personalna w przedsiębiorstwie logistycznym    | 0413.3.LOG1.B/C25.PPL | 3                       | 3       |     |                |    |    |     |           |    |        |     | 10        | 10 |    | 3   |           |    |    |     |           |    |    |     |             |                                 |            |           | 20 | 75  | 3   |    |   |    |     |      |    |
| 26                                                               | Zarządzanie magazynem**                                 | 0413.3.LOG1.B/C26.ZAM | 3                       | 3       |     |                |    |    |     |           |    |        |     | 15        | 10 |    | 4   |           |    |    |     |           |    |    |     |             |                                 |            |           | 25 | 100 | 4   |    |   |    |     |      |    |
| 27                                                               | Metodologia badań w naukach o zarządzaniu i jakości I   | 0413.3.LOG1.B/C27.MBZ |                         | 3       |     |                |    |    |     |           |    |        |     | 10        | 15 |    | 4   |           |    |    |     |           |    |    |     |             |                                 |            |           | 25 | 100 | 4   |    |   |    |     |      |    |
| 28                                                               | Zarządzanie finansami przedsiębiorstw logistycznych**   | 0413.3.LOG1.B/C28.ZFP | 3                       | 3       |     |                |    |    |     |           |    |        |     | 10        | 15 |    | 4   |           |    |    |     |           |    |    |     |             |                                 |            |           | 25 | 100 | 4   |    |   |    |     |      |    |
| 29                                                               | Logistyka zaopatrzenia i dystrybucji**                  | 0413.3.LOG1.B/C29.LZD | 3                       | 3       |     |                |    |    |     |           |    |        |     | 10        | 10 | 5  | 4   |           |    |    |     |           |    |    |     |             |                                 |            |           | 25 | 100 | 4   |    |   |    |     |      |    |
| 30                                                               | CSR w logistyce                                         | 0413.3.LOG1.B/C30.CSR |                         | 3       |     |                |    |    |     |           |    |        |     | 10        | 10 | 5  | 3   |           |    |    |     |           |    |    |     |             |                                 |            |           | 25 | 75  | 3   |    |   |    |     |      |    |
| 31                                                               | Logistyka produkcji                                     | 0413.3.LOG1.B/C31.LPR | 4                       | 4       |     |                |    |    |     |           |    |        |     |           | 10 | 10 | 5   | 3         |    |    |     |           |    |    |     |             |                                 |            |           | 25 | 75  | 3   |    |   |    |     |      |    |
| 32                                                               | Ekologia**                                              | 0413.3.LOG1.B/C32.EKO |                         | 4       |     |                |    |    |     |           |    |        |     |           | 10 | 10 |     | 3         |    |    |     |           |    |    |     |             |                                 |            |           | 20 | 75  | 3   |    |   |    |     |      |    |
| 33                                                               | Ocena efektywności projektów inwestycyjnych w logistyce | 0413.3.LOG1.B/C33.OEP | 4                       | 4       |     |                |    |    |     |           |    |        |     |           | 10 | 10 |     | 4         |    |    |     |           |    |    |     |             |                                 |            |           | 20 | 100 | 4   |    |   |    |     |      |    |
| 34                                                               | Zarządzanie jakością                                    | 0413.3.LOG1.B/C34.ZAJ |                         | 5       |     |                |    |    |     |           |    |        |     |           |    |    |     |           | 10 |    | 1   |           |    |    |     |             |                                 |            |           | 10 | 25  | 1   |    |   |    |     |      |    |
| 35                                                               | Symulacja zdarzeń w logistyce                           | 0413.3.LOG1.B/C35.SZL | 5                       | 5       |     |                |    |    |     |           |    |        |     |           |    |    |     |           | 10 | 10 | 2   |           |    |    |     |             |                                 |            |           | 20 | 50  | 2   |    |   |    |     |      |    |
| 36                                                               | Projektowanie procesów logistycznych                    | 0413.3.LOG1.B/C36.PPL | 5                       | 5       |     |                |    |    |     |           |    |        |     |           |    |    |     |           | 10 | 10 | 3   |           |    |    |     |             |                                 |            |           | 20 | 75  | 3   |    |   |    |     |      |    |
| 37                                                               | Zarządzanie projektami w logistyce**                    | 0413.3.LOG1.B/C37.ZPR | 6                       | 6       |     |                |    |    |     |           |    |        |     |           |    |    |     |           |    |    |     | 10        | 15 |    | 4   |             |                                 |            |           | 25 | 100 | 4   |    |   |    |     |      |    |
| 38                                                               | Gospodarka obiegu zamkniętego**                         | 0413.3.LOG1.B/C38.OBC | 6                       | 6       |     |                |    |    |     |           |    |        |     |           |    |    |     |           |    |    |     | 10        | 10 | 5  | 4   |             |                                 |            |           | 25 | 100 | 4   |    |   |    |     |      |    |
| 39                                                               | Planowanie i controlling logistyczny                    | 0413.3.LOG1.B/C39.PCL | 6                       | 6       |     |                |    |    |     |           |    |        |     |           |    |    |     |           |    |    |     | 10        | 15 |    | 4   |             |                                 |            |           | 25 | 100 | 4   |    |   |    |     |      |    |
| Razem                                                            |                                                         |                       |                         |         |     | 85             | 70 | 0  | 0   | 24        | 60 | 60     | 0   | 0         | 23 | 65 | 70  | 10        | 0  | 22 | 30  | 30        | 5  | 0  | 10  | 20          | 20                              | 10         | 0         | 6  | 30  | 40  | 5  | 0 | 12 | 610 | 2425 | 97 |
| 3. PRZEDMIOTY DO WYBORU                                          |                                                         |                       |                         |         |     |                |    |    |     |           |    |        |     |           |    |    |     |           |    |    |     |           |    |    |     |             |                                 |            |           |    |     |     |    |   |    |     |      |    |
| 40                                                               | Seminarium dyplomowe                                    | 0413.3.LOG1.E40.SEM   |                         | 4,5,6   |     |                |    |    |     |           |    |        |     |           |    | 10 |     | 5         | 3  | 10 |     | 5         | 5  |    | 10  |             | 5                               | 6          |           | 45 | 350 | 14  |    |   |    |     |      |    |
| Razem                                                            |                                                         |                       |                         |         |     | 0              | 0  | 0  | 0   | 0         | 0  | 0      | 0   | 0         | 0  | 0  | 0   | 0         | 0  | 0  | 10  | 0         | 5  | 3  | 0   | 10          | 0                               | 5          | 5         | 0  | 10  | 0   | 5  | 6 | 45 | 350 | 14   |    |
| Grupa przedmiotów z zakresu Transport, energia, środowisko       |                                                         |                       |                         |         |     |                |    |    |     |           |    |        |     |           |    |    |     |           |    |    |     |           |    |    |     |             |                                 |            |           |    |     |     |    |   |    |     |      |    |
| 41                                                               | Źrównoważona energia                                    | 0413.3.LOG1.D41.ZRE   |                         | 3       |     |                |    |    |     |           |    |        |     | 10        | 10 |    | 3   |           |    |    |     |           |    |    |     |             |                                 |            |           | 20 | 75  | 3   |    |   |    |     |      |    |
| 42                                                               | Zarządzanie ruchem                                      | 0413.3.LOG1.D42.ZAR   | 3                       | 3       |     |                |    |    |     |           |    |        |     | 10        | 10 |    | 3   |           |    |    |     |           |    |    |     |             |                                 |            |           | 20 | 75  | 3   |    |   |    |     |      |    |
| 43                                                               | Zarządzanie środowiskiem i odporność klimatu            | 0413.3.LOG1.D43.ZSO   | 4                       | 4       |     |                |    |    |     |           |    |        |     |           | 10 | 10 |     | 3         |    |    |     |           |    |    |     |             |                                 |            |           | 20 | 75  | 3   |    |   |    |     |      |    |
| 44                                                               | Koncepcja ESG w logistyce**                             | 0413.3.LOG1.D44.ESG   |                         | 4       |     |                |    |    |     |           |    |        |     |           | 15 |    | 2   |           |    |    |     |           |    |    |     |             |                                 |            |           | 15 | 50  | 2   |    |   |    |     |      |    |
| 45                                                               | Planowanie i modelowanie transportu                     | 0413.3.LOG1.D45.PMT   |                         | 4       |     |                |    |    |     |           |    |        |     |           | 10 | 10 |     | 3         |    |    |     |           |    |    |     |             |                                 |            |           | 20 | 75  | 3   |    |   |    |     |      |    |
| 46                                                               | Inteligentna i współdzielona mobilność                  | 0413.3.LOG1.D46.IWM   | 5                       | 5       |     |                |    |    |     |           |    |        |     |           |    |    |     |           | 15 | 10 |     | 4         |    |    |     |             |                                 |            |           | 25 | 100 | 4   |    |   |    |     |      |    |
| 47                                                               | Zarządzanie transportem w mieście                       | 0413.3.LOG1.D47.ZIL   |                         | 5       |     |                |    |    |     |           |    |        |     |           |    |    |     |           | 15 | 10 |     | 4         |    |    |     |             |                                 |            |           | 25 | 100 | 4   |    |   |    |     |      |    |
| 48                                                               | Systemy transportowe przyszłości                        | 0413.3.LOG1.D48.STP   |                         | 6       |     |                |    |    |     |           |    |        |     |           |    |    |     |           |    |    |     |           | 10 |    | 5   | 3           |                                 |            |           | 15 | 75  | 3   |    |   |    |     |      |    |
| 49                                                               | Transport przesyłowy                                    | 0413.3.LOG1.D49.TPR   | 6                       | 6       |     |                |    |    |     |           |    |        |     |           |    |    |     |           |    |    |     |           | 10 | 15 | 5   | 6           | 30                              |            |           | 30 | 150 | 6   |    |   |    |     |      |    |
| 50                                                               | Projekt eko-inwestycji w transporcie                    | 0413.3.LOG1.D50.PLP   |                         | 6       |     |                |    |    |     |           |    |        |     |           |    |    |     |           |    |    |     |           |    | 10 |     | 5           | 3                               | 15         |           |    | 3   | 15  | 75 | 3 |    |     |      |    |

|                                                              |                                            |                     |   |   |     |    |   |   |    |     |    |   |   |    |    |     |    |   |    |    |     |    |    |    |    |    |    |   |    |    |    |    |    |    |      |      |     |    |
|--------------------------------------------------------------|--------------------------------------------|---------------------|---|---|-----|----|---|---|----|-----|----|---|---|----|----|-----|----|---|----|----|-----|----|----|----|----|----|----|---|----|----|----|----|----|----|------|------|-----|----|
| Razem                                                        |                                            |                     |   |   | 0   | 0  | 0 | 0 | 0  | 0   | 0  | 0 | 0 | 0  | 0  | 20  | 20 | 0 | 0  | 6  | 35  | 20 | 0  | 0  | 8  | 30 | 20 | 0 | 0  | 8  | 20 | 25 | 10 | 5  | 12   | 205  | 850 | 34 |
| Grupa przedmiotów z zakresu branży TSL                       |                                            |                     |   |   |     |    |   |   |    |     |    |   |   |    |    |     |    |   |    |    |     |    |    |    |    |    |    |   |    |    |    |    |    |    |      |      |     |    |
| 51                                                           | Rynek usług logistycznych                  | 0413.3.LOG1.D51.RUL |   | 3 |     |    |   |   |    |     |    |   |   |    |    | 10  | 10 |   |    | 3  |     |    |    |    |    |    |    |   |    |    |    |    |    |    | 20   | 75   | 3   |    |
| 52                                                           | Systemy transportowe                       | 0413.3.LOG1.D52.SYT | 3 | 3 |     |    |   |   |    |     |    |   |   |    |    | 10  | 10 |   |    | 3  |     |    |    |    |    |    |    |   |    |    |    |    |    |    | 20   | 75   | 3   |    |
| 53                                                           | Centra logistyczne**                       | 0413.3.LOG1.D53.CEL |   | 4 |     |    |   |   |    |     |    |   |   |    |    |     |    |   |    |    | 10  | 10 |    |    | 3  |    |    |   |    |    |    |    |    |    | 20   | 75   | 3   |    |
| 54                                                           | Rozwiązania teleinformatyczne w branży TSL | 0413.3.LOG1.D54.ROT |   | 4 |     |    |   |   |    |     |    |   |   |    |    |     |    |   |    |    | 5   | 10 |    |    | 2  |    |    |   |    |    |    |    |    |    | 15   | 50   | 2   |    |
| 55                                                           | Transport międzynarodowy                   | 0413.3.LOG1.D55.TSM | 4 | 4 |     |    |   |   |    |     |    |   |   |    |    |     |    |   |    |    |     | 10 | 10 |    | 3  |    |    |   |    |    |    |    |    |    | 20   | 75   | 3   |    |
| 56                                                           | Logistyka miejska                          | 0413.3.LOG1.D56.LOM |   | 5 |     |    |   |   |    |     |    |   |   |    |    |     |    |   |    |    |     |    |    |    |    | 15 | 10 |   |    | 4  |    |    |    |    | 25   | 100  | 4   |    |
| 57                                                           | Zarządzanie flotą transportową             | 0413.3.LOG1.D57.ZFT | 5 | 5 |     |    |   |   |    |     |    |   |   |    |    |     |    |   |    |    |     |    |    |    | 15 | 10 |    |   | 4  |    |    |    |    | 25 | 100  | 4    |     |    |
| 58                                                           | Procedury celne                            | 0413.3.LOG1.D58.PRC |   | 6 |     |    |   |   |    |     |    |   |   |    |    |     |    |   |    |    |     |    |    |    |    | 15 | 10 |   |    | 4  |    |    |    |    | 20   | 100  | 4   |    |
| 59                                                           | Operator logistyczny                       | 0413.3.LOG1.D59.OPL | 6 | 6 |     |    |   |   |    |     |    |   |   |    |    |     |    |   |    |    |     |    |    |    |    |    |    |   |    |    | 10 | 10 |    | 4  | 5    | 25   | 125 | 5  |
| 60                                                           | Przedsiębiorstwo w branży TSL - projekt    | 0413.3.LOG1.D60.PRB |   | 6 |     |    |   |   |    |     |    |   |   |    |    |     |    |   |    |    |     |    |    |    |    |    |    |   |    |    | 15 | 10 |    | 5  | 3    | 15   | 75  | 3  |
| Razem                                                        |                                            |                     |   |   | 0   | 0  | 0 | 0 | 0  | 0   | 0  | 0 | 0 | 0  | 0  | 20  | 20 | 0 | 0  | 6  | 15  | 30 | 10 | 0  | 8  | 30 | 20 | 0 | 0  | 8  | 25 | 30 | 0  | 5  | 12   | 205  | 850 | 34 |
| Przedmioty fakultatywne I                                    |                                            |                     |   |   |     |    |   |   |    |     |    |   |   |    |    |     |    |   |    |    |     |    |    |    |    |    |    |   |    |    |    |    |    |    |      |      |     |    |
| 61                                                           | Economic problems in a globalised world*** | 0413.3.LOG1.D61.EPG |   | 5 |     |    |   |   |    |     |    |   |   |    |    |     |    |   |    |    |     |    |    |    |    | 15 |    | 2 |    |    |    |    |    |    | 15   | 50   | 2   |    |
| 62                                                           | Zielone innowacje w logistyce              | 0413.3.LOG1.D62.ZIL |   | 5 |     |    |   |   |    |     |    |   |   |    |    |     |    |   |    |    |     |    |    |    |    |    | 15 | 2 |    |    |    |    |    |    | 15   | 50   | 2   |    |
| 63                                                           | Wyzwania w transporcie i mobilności        | 0413.3.LOG1.D63.WTM |   | 5 |     |    |   |   |    |     |    |   |   |    |    |     |    |   |    |    |     |    |    |    |    |    | 15 |   | 2  |    |    |    |    |    | 15   | 50   | 2   |    |
| 64                                                           | Zdrowe miasta                              | 0413.3.LOG1.D64.ZMT |   | 5 |     |    |   |   |    |     |    |   |   |    |    |     |    |   |    |    |     |    |    |    |    |    | 15 | 2 |    |    |    |    |    |    | 15   | 50   | 2   |    |
| Razem                                                        |                                            |                     |   |   | 0   | 0  | 0 | 0 | 0  | 0   | 0  | 0 | 0 | 0  | 0  | 0   | 0  | 0 | 0  | 0  | 0   | 0  | 0  | 0  | 0  | 0  | 0  | 0 | 0  | 0  | 0  | 0  | 0  | 0  | 60   | 200  | 8   |    |
| Przedmioty fakultatywne II                                   |                                            |                     |   |   |     |    |   |   |    |     |    |   |   |    |    |     |    |   |    |    |     |    |    |    |    |    |    |   |    |    |    |    |    |    |      |      |     |    |
| 65                                                           | Challenges of the globalised economy***    | 0413.3.LOG1.D65.CGE |   | 5 |     |    |   |   |    |     |    |   |   |    |    |     |    |   |    |    |     |    |    |    |    | 15 |    | 2 |    |    |    |    |    |    | 15   | 50   | 2   |    |
| 66                                                           | Kompetencje przyszłości w logistyce        | 0413.3.LOG1.D66.DPL |   | 5 |     |    |   |   |    |     |    |   |   |    |    |     |    |   |    |    |     |    |    |    |    |    | 15 |   | 2  |    |    |    |    |    | 15   | 50   | 2   |    |
| 67                                                           | Logistyka w e-commerce                     | 0413.3.LOG1.D67.LWE |   | 5 |     |    |   |   |    |     |    |   |   |    |    |     |    |   |    |    |     |    |    |    |    |    | 15 |   | 2  |    |    |    |    |    | 15   | 50   | 2   |    |
| 68                                                           | Ecainnowacje w logistyce                   | 0413.3.LOG1.D68.ECL |   | 5 |     |    |   |   |    |     |    |   |   |    |    |     |    |   |    |    |     |    |    |    |    |    | 15 |   | 2  |    |    |    |    |    | 15   | 50   | 2   |    |
| Razem                                                        |                                            |                     |   |   | 0   | 0  | 0 | 0 | 0  | 0   | 0  | 0 | 0 | 0  | 0  | 0   | 0  | 0 | 0  | 0  | 0   | 0  | 0  | 0  | 0  | 0  | 0  | 0 | 0  | 0  | 0  | 0  | 0  | 0  | 60   | 200  | 8   |    |
| 4. PRAKTYKI                                                  |                                            |                     |   |   |     |    |   |   |    |     |    |   |   |    |    |     |    |   |    |    |     |    |    |    |    |    |    |   |    |    |    |    |    |    |      |      |     |    |
| 69                                                           | Praktyki zawodowe                          | 0413.3.LOG1.F69.PRA |   | 4 |     |    |   |   |    |     |    |   |   |    |    |     |    |   |    |    |     |    |    |    |    |    |    |   |    |    |    |    |    |    |      |      |     |    |
| Razem                                                        |                                            |                     |   |   | 0   | 0  | 0 | 0 | 0  | 0   | 0  | 0 | 0 | 0  | 0  | 0   | 0  | 0 | 0  | 0  | 0   | 0  | 0  | 0  | 0  | 0  | 0  | 0 | 0  | 0  | 0  | 0  | 0  | 0  | 0    | 160  | 175 | 7  |
| Przedmioty razem z zakresu transport, energia , środowisko I |                                            |                     |   |   | 119 | 91 | 0 | 0 | 30 | 105 | 80 | 0 | 0 | 30 | 85 | 110 | 10 | 0 | 30 | 65 | 240 | 5  | 5  | 30 | 50 | 80 | 70 | 5 | 30 | 50 | 75 | 15 | 10 | 30 | 1270 | 4510 | 180 |    |
| Przedmioty razem z zakresu transport, energia, środowisko II |                                            |                     |   |   | 119 | 91 | 0 | 0 | 30 | 105 | 80 | 0 | 0 | 30 | 85 | 110 | 10 | 0 | 30 | 65 | 240 | 5  | 5  | 30 | 50 | 80 | 70 | 5 | 30 | 50 | 75 | 15 | 10 | 30 | 1270 | 4510 | 180 |    |
| Przedmioty razem z zakresu branży TSL I                      |                                            |                     |   |   | 119 | 91 | 0 | 0 | 30 | 105 | 80 | 0 | 0 | 30 | 85 | 110 | 10 | 0 | 30 | 45 | 250 | 15 | 5  | 30 | 50 | 80 | 70 | 5 | 30 | 55 | 80 | 5  | 10 | 30 | 1270 | 4510 | 180 |    |
| Przedmioty razem z zakresu branży TSL II                     |                                            |                     |   |   | 119 | 91 | 0 | 0 | 30 | 105 | 80 | 0 | 0 | 30 | 85 | 110 | 10 | 0 | 30 | 45 | 250 | 15 | 5  | 30 | 50 | 80 | 70 | 5 | 30 | 55 | 80 | 5  | 10 | 30 | 1270 | 4510 | 180 |    |

\* Studenci dokonują wyboru jednego przedmiotu

\*\* Przedmioty, w ramach których część zajęć jest prowadzona w języku angielskim

\*\*\* Przedmioty prowadzone w całości w języku angielskim

Zaopiniowała Rada Wydziału na posiedzeniu w dniu 20.03.2025 r.

Zatwierdzone Uchwałą Senatu nr 55 z dnia 29.05.2025 r.