

Instytut: Wydział Farmaceutyczny  
Kierunek: Kosmetologia I st/st WF  
Specjalność: **Brak**

# RAPORT Z PLANU STUDIÓW

Forma studiów: **stacjonarne**  
Czas trwania: 6 semestrów

I stopnia; Kwalifikacja pełna na poziomie  
szóstym PRK  
Rok 2024/2025, semestr zimowy

| Lp.                             | Przedmiot                                                               | Jednostka organizująca                              | Ogółem        |      | Semestr 1           |      |       |           |     |          |      |       |           |     |           |      |       |           |     |                       |      |       |           |     |                 |      |       |           |     |           |          |       |           |     |                    |      |       |           |     |          |      |       |           |     |                     |   |     |   |     |
|---------------------------------|-------------------------------------------------------------------------|-----------------------------------------------------|---------------|------|---------------------|------|-------|-----------|-----|----------|------|-------|-----------|-----|-----------|------|-------|-----------|-----|-----------------------|------|-------|-----------|-----|-----------------|------|-------|-----------|-----|-----------|----------|-------|-----------|-----|--------------------|------|-------|-----------|-----|----------|------|-------|-----------|-----|---------------------|---|-----|---|-----|
|                                 |                                                                         |                                                     | Liczba godzin | ECTS | ZAJĘCIA DYDAKTYCZNE |      |       |           |     |          |      |       |           |     |           |      |       |           |     |                       |      |       |           |     |                 |      |       |           |     |           | Praktyki |       |           |     |                    |      |       |           |     |          |      |       |           |     |                     |   |     |   |     |
|                                 |                                                                         |                                                     |               |      | Wykład              |      |       |           |     | e-Wykład |      |       |           |     | Ćwiczenia |      |       |           |     | Seminaria/e-seminaria |      |       |           |     | Samokształcenie |      |       |           |     | Warsztaty |          |       |           |     | Zajęcia praktyczne |      |       |           |     | Praktyki |      |       |           |     | Praktyka śródroczna |   |     |   |     |
|                                 |                                                                         |                                                     |               |      | L.g.                | ECTS | F.zal | Licz. gr. | Gr. | L.g.     | ECTS | F.zal | Licz. gr. | Gr. | L.g.      | ECTS | F.zal | Licz. gr. | Gr. | L.g.                  | ECTS | F.zal | Licz. gr. | Gr. | L.g.            | ECTS | F.zal | Licz. gr. | Gr. | L.g.      | ECTS     | F.zal | Licz. gr. | Gr. | L.g.               | ECTS | F.zal | Licz. gr. | Gr. | L.g.     | ECTS | F.zal | Licz. gr. | Gr. |                     |   |     |   |     |
| Grupa treści "do wyboru"        |                                                                         |                                                     |               |      |                     |      |       |           |     |          |      |       |           |     |           |      |       |           |     |                       |      |       |           |     |                 |      |       |           |     |           |          |       |           |     |                    |      |       |           |     |          |      |       |           |     |                     |   |     |   |     |
| 1                               | Blok [60g/4ects/4wyb] [blok obieralny]                                  | -----                                               | 60            | 4    | 0                   | 0    | -     | 0         | -   | 0        | 0    | -     | 0         | -   | 0         | 0    | -     | 0         | -   | 60                    | 4    | Z     | 30        | P   | 0               | 0    | -     | 0         | -   | 0         | 0        | -     | 0         | -   | 0                  | 0    | -     | 0         | -   | 0        | 0    | -     | 0         | -   | 0                   | 0 | -   | 0 | -   |
|                                 | Przedmioty w bloku:                                                     |                                                     |               |      |                     |      |       |           |     |          |      |       |           |     |           |      |       |           |     |                       |      |       |           |     |                 |      |       |           |     |           |          |       |           |     |                    |      |       |           |     |          |      |       |           |     |                     |   |     |   |     |
|                                 | Etnobotanika w kosmetyce [seminarium]                                   | Zakład Botaniki Farmaceutycznej                     |               |      |                     |      |       |           |     |          |      |       |           |     |           |      |       |           |     |                       |      |       |           |     |                 |      |       |           |     |           |          |       |           |     |                    |      |       |           |     |          |      |       |           |     |                     |   |     |   |     |
|                                 | E-Zdrowie [seminarium]                                                  | Zakład Inf. i Statystyki Med. z Pracownią e-Zdrowia |               |      |                     |      |       |           |     |          |      |       |           |     |           |      |       |           |     |                       |      |       |           |     |                 |      |       |           |     |           |          |       |           |     |                    |      |       |           |     |          |      |       |           |     |                     |   |     |   |     |
|                                 | Metalobiochelaty w kosmetologii? [seminarium]                           | Zakład Chemii Nieorganicznej                        |               |      |                     |      |       |           |     |          |      |       |           |     |           |      |       |           |     |                       |      |       |           |     |                 |      |       |           |     |           |          |       |           |     |                    |      |       |           |     |          |      |       |           |     |                     |   |     |   |     |
|                                 | Personal shopper / Doradca zakupowy [seminarium]                        | Zakład Kosmetologii i Medycyny Estetycznej          |               |      |                     |      |       |           |     |          |      |       |           |     |           |      |       |           |     |                       |      |       |           |     |                 |      |       |           |     |           |          |       |           |     |                    |      |       |           |     |          |      |       |           |     |                     |   |     |   |     |
|                                 | Skuteczność p/wolnorodnikowa i promieniotwórcza kosmetyków [seminarium] | Katedra i Zakład Chemii Leków                       |               |      |                     |      |       |           |     |          |      |       |           |     |           |      |       |           |     |                       |      |       |           |     |                 |      |       |           |     |           |          |       |           |     |                    |      |       |           |     |          |      |       |           |     |                     |   |     |   |     |
|                                 | Stres i jak sobie z nim radzić? [seminarium]                            | Zakład Psychologii                                  |               |      |                     |      |       |           |     |          |      |       |           |     |           |      |       |           |     |                       |      |       |           |     |                 |      |       |           |     |           |          |       |           |     |                    |      |       |           |     |          |      |       |           |     |                     |   |     |   |     |
|                                 | Techniki manualnego oczyszczania [seminarium]                           | Zakład Kosmetologii i Medycyny Estetycznej          |               |      |                     |      |       |           |     |          |      |       |           |     |           |      |       |           |     |                       |      |       |           |     |                 |      |       |           |     |           |          |       |           |     |                    |      |       |           |     |          |      |       |           |     |                     |   |     |   |     |
| Grupa treści "do wyboru" razem: |                                                                         |                                                     | 60            | 4    | 0                   | 0    | ---   | 0         | --- | 0        | 0    | ---   | 0         | --- | 0         | 0    | ---   | 0         | --- | 60                    | 4    | ---   | 30        | --- | 0               | 0    | ---   | 0         | --- | 0         | 0        | ---   | 0         | --- | 0                  | 0    | ---   | 0         | --- | 0        | 0    | ---   | 0         | --- | 0                   | 0 | --- | 0 | --- |

| Grupa treści kierunkowych        |                                                          |                                                            |     |    |    |   |     |     |     |   |   |     |    |     |    |   |     |    |     |    |   |     |    |     |   |   |     |   |     |   |   |     |   |     |   |   |     |   |     |   |   |     |   |     |   |   |     |   |     |
|----------------------------------|----------------------------------------------------------|------------------------------------------------------------|-----|----|----|---|-----|-----|-----|---|---|-----|----|-----|----|---|-----|----|-----|----|---|-----|----|-----|---|---|-----|---|-----|---|---|-----|---|-----|---|---|-----|---|-----|---|---|-----|---|-----|---|---|-----|---|-----|
| 2                                | Chemia kosmetyczna                                       | Zakład Chemii Nieorganicznej                               | 30  | 2  | 0  | 0 | -   | 0   | -   | 5 | 2 | O   | 60 | D   | 20 | 0 | Z   | 10 | D   | 5  | 0 | Z   | 20 | D   | 0 | 0 | -   | 0 | -   | 0 | 0 | -   | 0 | -   | 0 | 0 | -   | 0 | -   | 0 | 0 | -   | 0 | -   | 0 | - |     |   |     |
| 3                                | Kosmetologia pielęgnacyjna                               | Zakład Kosmetologii i Medycyny Estetycznej                 | 50  | 4  | 15 | 4 | Z   | 60  | D   | 0 | 0 | -   | 0  | -   | 20 | 0 | Z   | 10 | D   | 15 | 0 | Z   | 20 | D   | 0 | 0 | -   | 0 | -   | 0 | 0 | -   | 0 | -   | 0 | 0 | -   | 0 | -   | 0 | 0 | -   | 0 | -   | 0 | - |     |   |     |
| 4                                | Wprowadzenie do oceny właściwości surowców kosmetycznych | Katedra i Zakład Chemii Leków                              | 40  | 3  | 10 | 3 | O   | 60  | D   | 0 | 0 | -   | 0  | -   | 20 | 0 | Z   | 10 | D   | 10 | 0 | Z   | 20 | D   | 0 | 0 | -   | 0 | -   | 0 | 0 | -   | 0 | -   | 0 | 0 | -   | 0 | -   | 0 | 0 | -   | 0 | -   | 0 | - |     |   |     |
| Grupa treści kierunkowych razem: |                                                          |                                                            | 120 | 9  | 25 | 7 | --- | 120 | --- | 5 | 2 | --- | 60 | --- | 60 | 0 | --- | 30 | --- | 30 | 0 | --- | 60 | --- | 0 | 0 | --- | 0 | --- | 0 | 0 | --- | 0 | --- | 0 | 0 | --- | 0 | --- | 0 | 0 | --- | 0 | --- | 0 | 0 | --- | 0 | --- |
| Grupa treści PAK                 |                                                          |                                                            |     |    |    |   |     |     |     |   |   |     |    |     |    |   |     |    |     |    |   |     |    |     |   |   |     |   |     |   |   |     |   |     |   |   |     |   |     |   |   |     |   |     |   |   |     |   |     |
| 5                                | Etykieta i komunikacja interpersonalna                   | Zakład Psychologii                                         | 20  | 1  | 0  | 0 | -   | 0   | -   | 0 | 0 | -   | 0  | -   | 0  | 0 | -   | 0  | -   | 20 | 1 | Z   | 20 | D   | 0 | 0 | -   | 0 | -   | 0 | 0 | -   | 0 | -   | 0 | 0 | -   | 0 | -   | 0 | 0 | -   | 0 | -   | 0 | 0 | -   | 0 | -   |
| 6                                | Historia kosmetologii                                    | Zakład Nauk Humanistycznych i Medycyny Społecznej          | 10  | 1  | 10 | 1 | Z   | 60  | D   | 0 | 0 | -   | 0  | -   | 0  | 0 | -   | 0  | -   | 0  | 0 | -   | 0  | -   | 0 | 0 | -   | 0 | -   | 0 | 0 | -   | 0 | -   | 0 | 0 | -   | 0 | -   | 0 | 0 | -   | 0 | -   | 0 | 0 | -   | 0 | -   |
| Grupa treści PAK razem:          |                                                          |                                                            | 30  | 2  | 10 | 1 | --- | 60  | --- | 0 | 0 | --- | 0  | --- | 0  | 0 | --- | 0  | --- | 20 | 1 | --- | 20 | --- | 0 | 0 | --- | 0 | --- | 0 | 0 | --- | 0 | --- | 0 | 0 | --- | 0 | --- | 0 | 0 | --- | 0 | --- | 0 | 0 | --- | 0 | --- |
| Grupa treści podstawowych        |                                                          |                                                            |     |    |    |   |     |     |     |   |   |     |    |     |    |   |     |    |     |    |   |     |    |     |   |   |     |   |     |   |   |     |   |     |   |   |     |   |     |   |   |     |   |     |   |   |     |   |     |
| 7                                | Anatomia                                                 | Zakład Anatomii Prawidłowej, Klinicznej i Obrazowej        | 30  | 2  | 10 | 2 | O   | 60  | D   | 0 | 0 | -   | 0  | -   | 0  | 0 | -   | 0  | -   | 20 | 0 | Z   | 20 | D   | 0 | 0 | -   | 0 | -   | 0 | 0 | -   | 0 | -   | 0 | 0 | -   | 0 | -   | 0 | 0 | -   | 0 | -   | 0 | 0 | -   | 0 | -   |
| 8                                | Biologia z genetyką                                      | Katedra i Zakład Biologii z Genetyką                       | 40  | 3  | 15 | 3 | E   | 60  | D   | 0 | 0 | -   | 0  | -   | 15 | 0 | Z   | 10 | D   | 10 | 0 | Z   | 20 | D   | 0 | 0 | -   | 0 | -   | 0 | 0 | -   | 0 | -   | 0 | 0 | -   | 0 | -   | 0 | 0 | -   | 0 | -   | 0 | 0 | -   | 0 | -   |
| 9                                | Histologia                                               | Zakład Histologii, Embriologii i Cytofizjologii            | 40  | 3  | 10 | 3 | E   | 60  | D   | 0 | 0 | -   | 0  | -   | 15 | 0 | Z   | 10 | D   | 15 | 0 | Z   | 20 | D   | 0 | 0 | -   | 0 | -   | 0 | 0 | -   | 0 | -   | 0 | 0 | -   | 0 | -   | 0 | 0 | -   | 0 | -   | 0 | 0 | -   | 0 | -   |
| 10                               | Podstawy ratownictwa medycznego                          | Samodzielna Pracownia Med. Czynn. Rat. i Ratownictwa Spec. | 15  | 2  | 0  | 0 | -   | 0   | -   | 0 | 0 | -   | 0  | -   | 10 | 2 | O   | 10 | D   | 5  | 0 | Z   | 10 | D   | 0 | 0 | -   | 0 | -   | 0 | 0 | -   | 0 | -   | 0 | 0 | -   | 0 | -   | 0 | 0 | -   | 0 | -   | 0 | 0 | -   | 0 | -   |
| Grupa treści podstawowych razem: |                                                          |                                                            | 125 | 10 | 35 | 8 | --- | 180 | --- | 0 | 0 | --- | 0  | --- | 40 | 2 | --- | 30 | --- | 50 | 0 | --- | 70 | --- | 0 | 0 | --- | 0 | --- | 0 | 0 | --- | 0 | --- | 0 | 0 | --- | 0 | --- | 0 | 0 | --- | 0 | --- | 0 | 0 | --- | 0 | --- |
| Grupy treści uzupełniających     |                                                          |                                                            |     |    |    |   |     |     |     |   |   |     |    |     |    |   |     |    |     |    |   |     |    |     |   |   |     |   |     |   |   |     |   |     |   |   |     |   |     |   |   |     |   |     |   |   |     |   |     |
| 11                               | Blok [15g/ 0ects/ 1wyb] [blok obieralny]                 | -----                                                      | 15  | 0  | 15 | 0 | Z   | 60  | P   | 0 | 0 | -   | 0  | -   | 0  | 0 | -   | 0  | -   | 0  | 0 | -   | 0  | -   | 0 | 0 | -   | 0 | -   | 0 | 0 | -   | 0 | -   | 0 | 0 | -   | 0 | -   | 0 | 0 | -   | 0 | -   | 0 | 0 | -   | 0 | -   |
|                                  | Przedmioty w bloku:                                      |                                                            |     |    |    |   |     |     |     |   |   |     |    |     |    |   |     |    |     |    |   |     |    |     |   |   |     |   |     |   |   |     |   |     |   |   |     |   |     |   |   |     |   |     |   |   |     |   |     |
|                                  | Ocena narażenia zawodowego i BHP [wykład]                | Zakład Opieki Holistycznej i Zarządzania w Pielęgniarstwie |     |    |    |   |     |     |     |   |   |     |    |     |    |   |     |    |     |    |   |     |    |     |   |   |     |   |     |   |   |     |   |     |   |   |     |   |     |   |   |     |   |     |   |   |     |   |     |
|                                  | Podstawy ergonomii i BHP [wykład]                        | Zakład Opieki Holistycznej i Zarządzania w Pielęgniarstwie |     |    |    |   |     |     |     |   |   |     |    |     |    |   |     |    |     |    |   |     |    |     |   |   |     |   |     |   |   |     |   |     |   |   |     |   |     |   |   |     |   |     |   |   |     |   |     |
| 12                               | Blok [15g/ 1ects/ 1wyb] [blok obieralny]                 | -----                                                      | 15  | 1  | 0  | 0 | -   | 0   | -   | 0 | 0 | -   | 0  | -   | 0  | 0 | -   | 0  | -   | 15 | 1 | Z   | 20 | P   | 0 | 0 | -   | 0 | -   | 0 | 0 | -   | 0 | -   | 0 | 0 | -   | 0 | -   | 0 | 0 | -   | 0 | -   | 0 | 0 | -   | 0 | -   |
|                                  | Przedmioty w bloku:                                      |                                                            |     |    |    |   |     |     |     |   |   |     |    |     |    |   |     |    |     |    |   |     |    |     |   |   |     |   |     |   |   |     |   |     |   |   |     |   |     |   |   |     |   |     |   |   |     |   |     |

|                                     |                                                    |                                                            |                     |    |    |    |     |     |     |    |   |     |     |     |     |   |     |     |     |     |   |     |     |     |   |   |     |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |     |     |   |     |   |   |
|-------------------------------------|----------------------------------------------------|------------------------------------------------------------|---------------------|----|----|----|-----|-----|-----|----|---|-----|-----|-----|-----|---|-----|-----|-----|-----|---|-----|-----|-----|---|---|-----|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|-----|-----|---|-----|---|---|
|                                     | Przedmioty w bloku:                                |                                                            |                     |    |    |    |     |     |     |    |   |     |     |     |     |   |     |     |     |     |   |     |     |     |   |   |     |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |     |     |   |     |   |   |
|                                     | Ocena narażenia zawodowego i BHP [seminarium]      | Zakład Opieki Holistycznej i Zarządzania w Pielęgniarstwie |                     |    |    |    |     |     |     |    |   |     |     |     |     |   |     |     |     |     |   |     |     |     |   |   |     |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |     |     |   |     |   |   |
|                                     | Podstawy ergonomii i BHP [seminarium]              | Zakład Opieki Holistycznej i Zarządzania w Pielęgniarstwie |                     |    |    |    |     |     |     |    |   |     |     |     |     |   |     |     |     |     |   |     |     |     |   |   |     |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |     |     |   |     |   |   |
| 13                                  | Blok [20g/ 0ects/ 1wyb] [blok obieralny]           | -----                                                      | 20                  | 0  | 0  | 0  | -   | 0   | -   | 0  | 0 | -   | 0   | -   | 20  | 0 | Z   | 60  | P   | 0   | 0 | -   | 0   | -   | 0 | 0 | -   | 0 | -   | 0 | 0 | -   | 0 | - | 0   | 0 | - | 0   | - | 0 | 0   | - | 0 | -   | 0 | 0   | -   | 0 | -   |   |   |
|                                     | Przedmioty w bloku:                                |                                                            |                     |    |    |    |     |     |     |    |   |     |     |     |     |   |     |     |     |     |   |     |     |     |   |   |     |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |     |     |   |     |   |   |
|                                     | Ćwiczenia fitness [ćwiczenia]                      | Studium Wychowania Fizycznego i Sportu                     |                     |    |    |    |     |     |     |    |   |     |     |     |     |   |     |     |     |     |   |     |     |     |   |   |     |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |     |     |   |     |   |   |
|                                     | Kształtowanie sylwetki i postawy ciała [ćwiczenia] | Studium Wychowania Fizycznego i Sportu                     |                     |    |    |    |     |     |     |    |   |     |     |     |     |   |     |     |     |     |   |     |     |     |   |   |     |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |     |     |   |     |   |   |
| 14                                  | Botanika w kosmetologii                            | Zakład Botaniki Farmaceutycznej                            | 30                  | 2  | 10 | 2  | O   | 40  | D   | 0  | 0 | -   | 0   | -   | 15  | 0 | Z   | 10  | D   | 5   | 0 | Z   | 20  | D   | 0 | 0 | -   | 0 | -   | 0 | 0 | -   | 0 | 0 | -   | 0 | 0 | -   | 0 | 0 | -   | 0 | 0 | -   | 0 | -   | 0   | 0 | -   | 0 | - |
| 15                                  | Technologie informacyjne                           | Zakład Inf. i Statystyki Med. z Pracownią e-Zdrowia        | 30                  | 2  | 0  | 0  | -   | 0   | -   | 10 | 2 | O   | 60  | D   | 0   | 0 | -   | 0   | -   | 20  | 0 | Z   | 20  | D   | 0 | 0 | -   | 0 | -   | 0 | 0 | -   | 0 | 0 | -   | 0 | 0 | -   | 0 | 0 | -   | 0 | 0 | -   | 0 | -   | 0   | 0 | -   | 0 | - |
| Grupy treści uzupełniających razem: |                                                    |                                                            | 110                 | 5  | 25 | 2  | --- | 100 | --- | 10 | 2 | --- | 60  | --- | 35  | 0 | --- | 70  | --- | 40  | 1 | --- | 60  | --- | 0 | 0 | --- | 0 | --- | 0 | 0 | --- | 0 | 0 | --- | 0 | 0 | --- | 0 | 0 | --- | 0 | 0 | --- | 0 | 0   | --- | 0 | --- |   |   |
| Suma semestru 1:                    |                                                    |                                                            | 445                 | 30 | 95 | 18 | --- | 460 | --- | 15 | 4 | --- | 120 | --- | 135 | 2 | --- | 130 | --- | 200 | 6 | --- | 240 | --- | 0 | 0 | --- | 0 | --- | 0 | 0 | --- | 0 | 0 | --- | 0 | 0 | --- | 0 | 0 | --- | 0 | 0 | --- | 0 | --- |     |   |     |   |   |
|                                     |                                                    |                                                            | Liczba egzaminów: 2 |    |    |    |     |     |     |    |   |     |     |     |     |   |     |     |     |     |   |     |     |     |   |   |     |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |     |     |   |     |   |   |



|                                     |                                                |                                                          |     |    |    |    |     |     |     |   |   |     |   |     |    |   |     |    |     |    |   |     |     |     |   |   |     |   |     |   |   |     |   |     |   |   |     |   |     |   |   |     |   |     |   |   |
|-------------------------------------|------------------------------------------------|----------------------------------------------------------|-----|----|----|----|-----|-----|-----|---|---|-----|---|-----|----|---|-----|----|-----|----|---|-----|-----|-----|---|---|-----|---|-----|---|---|-----|---|-----|---|---|-----|---|-----|---|---|-----|---|-----|---|---|
|                                     | Przedmioty w bloku:                            |                                                          |     |    |    |    |     |     |     |   |   |     |   |     |    |   |     |    |     |    |   |     |     |     |   |   |     |   |     |   |   |     |   |     |   |   |     |   |     |   |   |     |   |     |   |   |
|                                     | Techniki redukcji przebarwień [seminarium]     | Zakład Kosmetologii i Medycyny Estetycznej               |     |    |    |    |     |     |     |   |   |     |   |     |    |   |     |    |     |    |   |     |     |     |   |   |     |   |     |   |   |     |   |     |   |   |     |   |     |   |   |     |   |     |   |   |
| Grupa treści "do wyboru" razem:     |                                                |                                                          | 100 | 8  | 0  | 0  | --- | 0   | --- | 0 | 0 | --- | 0 | --- | 40 | 2 | --- | 30 | --- | 60 | 6 | --- | 30  | --- | 0 | 0 | --- | 0 | --- | 0 | 0 | --- | 0 | --- | 0 | 0 | --- | 0 | --- | 0 | 0 | --- | 0 | --- |   |   |
| Grupa treści kierunkowych           |                                                |                                                          |     |    |    |    |     |     |     |   |   |     |   |     |    |   |     |    |     |    |   |     |     |     |   |   |     |   |     |   |   |     |   |     |   |   |     |   |     |   |   |     |   |     |   |   |
| 19                                  | Kosmetologia pielęgnacyjna                     | Zakład Kosmetologii i Medycyny Estetycznej               | 65  | 6  | 0  | 0  | -   | 0   | -   | 0 | 0 | -   | 0 | -   | 50 | 6 | E   | 10 | D   | 15 | 0 | Z   | 30  | D   | 0 | 0 | -   | 0 | -   | 0 | 0 | -   | 0 | -   | 0 | 0 | -   | 0 | -   | 0 | 0 | -   | 0 | -   |   |   |
| Grupa treści kierunkowych razem:    |                                                |                                                          | 65  | 6  | 0  | 0  | --- | 0   | --- | 0 | 0 | --- | 0 | --- | 50 | 6 | --- | 10 | --- | 15 | 0 | --- | 30  | --- | 0 | 0 | --- | 0 | --- | 0 | 0 | --- | 0 | --- | 0 | 0 | --- | 0 | --- | 0 | 0 | --- | 0 | --- |   |   |
| Grupa treści podstawowych           |                                                |                                                          |     |    |    |    |     |     |     |   |   |     |   |     |    |   |     |    |     |    |   |     |     |     |   |   |     |   |     |   |   |     |   |     |   |   |     |   |     |   |   |     |   |     |   |   |
| 20                                  | Biochemia                                      | Katedra i Zakład Biochemii i Biotechnologii              | 50  | 4  | 15 | 4  | E   | 60  | D   | 0 | 0 | -   | 0 | -   | 20 | 0 | Z   | 10 | D   | 15 | 0 | Z   | 20  | D   | 0 | 0 | -   | 0 | -   | 0 | 0 | -   | 0 | -   | 0 | 0 | -   | 0 | -   | 0 | 0 | -   | 0 | -   |   |   |
| 21                                  | Biofizyka                                      | Zakład Biofizyki                                         | 40  | 3  | 10 | 3  | O   | 60  | D   | 0 | 0 | -   | 0 | -   | 10 | 0 | Z   | 10 | D   | 20 | 0 | Z   | 30  | D   | 0 | 0 | -   | 0 | -   | 0 | - | 0   | 0 | -   | 0 | - | 0   | 0 | -   | 0 | - | 0   | 0 | -   | 0 | - |
| 22                                  | Fizjologia                                     | Zakład Fizjologii Człowieka                              | 40  | 3  | 10 | 3  | O   | 60  | D   | 0 | 0 | -   | 0 | -   | 10 | 0 | Z   | 10 | D   | 20 | 0 | Z   | 30  | D   | 0 | 0 | -   | 0 | -   | 0 | - | 0   | 0 | -   | 0 | - | 0   | 0 | -   | 0 | - | 0   | 0 | -   | 0 | - |
| 23                                  | Patofizjologia                                 | Samodzielna Pracownia Neuropatofizjologii Doświadczalnej | 40  | 4  | 10 | 4  | E   | 60  | D   | 0 | 0 | -   | 0 | -   | 10 | 0 | Z   | 10 | D   | 20 | 0 | Z   | 30  | D   | 0 | 0 | -   | 0 | -   | 0 | - | 0   | 0 | -   | 0 | - | 0   | 0 | -   | 0 | - | 0   | 0 | -   | 0 | - |
| Grupa treści podstawowych razem:    |                                                |                                                          | 170 | 14 | 45 | 14 | --- | 240 | --- | 0 | 0 | --- | 0 | --- | 50 | 0 | --- | 40 | --- | 75 | 0 | --- | 110 | --- | 0 | 0 | --- | 0 | --- | 0 | 0 | --- | 0 | --- | 0 | 0 | --- | 0 | --- | 0 | 0 | --- | 0 | --- |   |   |
| Grupy treści uzupełniających        |                                                |                                                          |     |    |    |    |     |     |     |   |   |     |   |     |    |   |     |    |     |    |   |     |     |     |   |   |     |   |     |   |   |     |   |     |   |   |     |   |     |   |   |     |   |     |   |   |
| 24                                  | Blok [30g/1ects/1wyb] [blok obieralny]         | -----                                                    | 30  | 1  | 0  | 0  | -   | 0   | -   | 0 | 0 | -   | 0 | -   | 0  | 0 | -   | 0  | -   | 30 | 1 | Z   | 30  | P   | 0 | 0 | -   | 0 | -   | 0 | - | 0   | 0 | -   | 0 | - | 0   | 0 | -   | 0 | - | 0   | 0 | -   | 0 | - |
| Przedmioty w bloku:                 |                                                |                                                          |     |    |    |    |     |     |     |   |   |     |   |     |    |   |     |    |     |    |   |     |     |     |   |   |     |   |     |   |   |     |   |     |   |   |     |   |     |   |   |     |   |     |   |   |
|                                     | Język angielski dla kosmetologów [seminarium]  | Studium Praktycznej Nauki Języków Obcych                 |     |    |    |    |     |     |     |   |   |     |   |     |    |   |     |    |     |    |   |     |     |     |   |   |     |   |     |   |   |     |   |     |   |   |     |   |     |   |   |     |   |     |   |   |
|                                     | Język hiszpański dla kosmetologów [seminarium] | Studium Praktycznej Nauki Języków Obcych                 |     |    |    |    |     |     |     |   |   |     |   |     |    |   |     |    |     |    |   |     |     |     |   |   |     |   |     |   |   |     |   |     |   |   |     |   |     |   |   |     |   |     |   |   |
|                                     | Język niemiecki dla kosmetologów [seminarium]  | Studium Praktycznej Nauki Języków Obcych                 |     |    |    |    |     |     |     |   |   |     |   |     |    |   |     |    |     |    |   |     |     |     |   |   |     |   |     |   |   |     |   |     |   |   |     |   |     |   |   |     |   |     |   |   |
|                                     | Język rosyjski dla kosmetologów [seminarium]   | Studium Praktycznej Nauki Języków Obcych                 |     |    |    |    |     |     |     |   |   |     |   |     |    |   |     |    |     |    |   |     |     |     |   |   |     |   |     |   |   |     |   |     |   |   |     |   |     |   |   |     |   |     |   |   |
|                                     | Język włoski dla kosmetologów [seminarium]     | Studium Praktycznej Nauki Języków Obcych                 |     |    |    |    |     |     |     |   |   |     |   |     |    |   |     |    |     |    |   |     |     |     |   |   |     |   |     |   |   |     |   |     |   |   |     |   |     |   |   |     |   |     |   |   |
| Grupy treści uzupełniających razem: |                                                |                                                          | 30  | 1  | 0  | 0  | --- | 0   | --- | 0 | 0 | --- | 0 | --- | 0  | 0 | --- | 0  | --- | 30 | 1 | --- | 30  | --- | 0 | 0 | --- | 0 | --- | 0 | 0 | --- | 0 | --- | 0 | 0 | --- | 0 | --- | 0 | 0 | --- | 0 | --- |   |   |

| Praktyki zawodowe        |                                |                                            |                     |    |    |    |     |     |     |   |   |     |   |     |     |   |     |    |     |     |   |     |     |     |   |   |     |   |     |   |   |     |   |     |    |    |     |    |     |   |   |     |   |     |   |
|--------------------------|--------------------------------|--------------------------------------------|---------------------|----|----|----|-----|-----|-----|---|---|-----|---|-----|-----|---|-----|----|-----|-----|---|-----|-----|-----|---|---|-----|---|-----|---|---|-----|---|-----|----|----|-----|----|-----|---|---|-----|---|-----|---|
| 25                       | Praktyki zawodowe (śródroczne) | Zakład Kosmetologii i Medycyny Estetycznej | 75                  | 3  | 0  | 0  | -   | 0   | -   | 0 | 0 | -   | 0 | -   | 0   | 0 | 0   | -  | 0   | -   | 0 | 0   | -   | 0   | - | 0 | 0   | - | 0   | - | 0 | 0   | - | 0   | -  | 75 | 3   | O  | 60  | P | 0 | 0   | - | 60  | - |
| Praktyki zawodowe razem: |                                |                                            | 75                  | 3  | 0  | 0  | --- | 0   | --- | 0 | 0 | --- | 0 | --- | 0   | 0 | --- | 0  | --- | 0   | 0 | --- | 0   | --- | 0 | 0 | --- | 0 | --- | 0 | 0 | --- | 0 | --- | 75 | 3  | --- | 60 | --- | 0 | 0 | --- | 0 | --- |   |
| Suma semestru 2:         |                                |                                            | 440                 | 32 | 45 | 14 | --- | 240 | --- | 0 | 0 | --- | 0 | --- | 140 | 8 | --- | 80 | --- | 180 | 7 | --- | 200 | --- | 0 | 0 | --- | 0 | --- | 0 | 0 | --- | 0 | --- | 75 | 3  | --- | 60 | --- | 0 | 0 | --- | 0 | --- |   |
|                          |                                |                                            | Liczba egzaminów: 3 |    |    |    |     |     |     |   |   |     |   |     |     |   |     |    |     |     |   |     |     |     |   |   |     |   |     |   |   |     |   |     |    |    |     |    |     |   |   |     |   |     |   |

| Lp.                              | Przedmiot                                          | Jednostka organizująca                                  | Ogółem        |      | Semestr 3           |      |       |           |     |          |      |       |           |     |           |      |       |           |     |                       |      |       |           |     |                 |      |       |           |          |           |      |       |           |     |                    |      |       |           |     |          |      |       |           |     |                     |   |     |   |     |   |   |     |   |     |
|----------------------------------|----------------------------------------------------|---------------------------------------------------------|---------------|------|---------------------|------|-------|-----------|-----|----------|------|-------|-----------|-----|-----------|------|-------|-----------|-----|-----------------------|------|-------|-----------|-----|-----------------|------|-------|-----------|----------|-----------|------|-------|-----------|-----|--------------------|------|-------|-----------|-----|----------|------|-------|-----------|-----|---------------------|---|-----|---|-----|---|---|-----|---|-----|
|                                  |                                                    |                                                         | Liczba godzin | ECTS | ZAJĘCIA DYDAKTYCZNE |      |       |           |     |          |      |       |           |     |           |      |       |           |     |                       |      |       |           |     |                 |      |       |           | Praktyki |           |      |       |           |     |                    |      |       |           |     |          |      |       |           |     |                     |   |     |   |     |   |   |     |   |     |
|                                  |                                                    |                                                         |               |      | Wykład              |      |       |           |     | e-Wykład |      |       |           |     | Ćwiczenia |      |       |           |     | Seminaria/e-seminaria |      |       |           |     | Samokształcenie |      |       |           |          | Warsztaty |      |       |           |     | Zajęcia praktyczne |      |       |           |     | Praktyki |      |       |           |     | Praktyka śródroczna |   |     |   |     |   |   |     |   |     |
|                                  |                                                    |                                                         |               |      | L.g.                | ECTS | F.zal | Licz. gr. | Gr. | L.g.     | ECTS | F.zal | Licz. gr. | Gr. | L.g.      | ECTS | F.zal | Licz. gr. | Gr. | L.g.                  | ECTS | F.zal | Licz. gr. | Gr. | L.g.            | ECTS | F.zal | Licz. gr. | Gr.      | L.g.      | ECTS | F.zal | Licz. gr. | Gr. | L.g.               | ECTS | F.zal | Licz. gr. | Gr. | L.g.     | ECTS | F.zal | Licz. gr. | Gr. |                     |   |     |   |     |   |   |     |   |     |
| Grupa treści "do wyboru"         |                                                    |                                                         |               |      |                     |      |       |           |     |          |      |       |           |     |           |      |       |           |     |                       |      |       |           |     |                 |      |       |           |          |           |      |       |           |     |                    |      |       |           |     |          |      |       |           |     |                     |   |     |   |     |   |   |     |   |     |
| 26                               | Blok [60h/6ects/wyb] [blok obieralny]              | -----                                                   | 60            | 6    | 0                   | 0    | -     | 0         | -   | 0        | 0    | -     | 0         | -   | 0         | 0    | -     | 0         | -   | 60                    | 6    | Z     | 30        | P   | 0               | 0    | -     | 0         | -        | 0         | 0    | -     | 0         | -   | 0                  | 0    | -     | 0         | -   | 0        | 0    | -     | 0         | -   | 0                   | 0 | -   | 0 | -   | 0 | 0 | -   | 0 | -   |
|                                  | Przedmioty w bloku:                                |                                                         |               |      |                     |      |       |           |     |          |      |       |           |     |           |      |       |           |     |                       |      |       |           |     |                 |      |       |           |          |           |      |       |           |     |                    |      |       |           |     |          |      |       |           |     |                     |   |     |   |     |   |   |     |   |     |
|                                  | Techniki manualne w kosmetologii [seminarium]      | Zakład Kosmetologii i Medycyny Estetycznej              |               |      |                     |      |       |           |     |          |      |       |           |     |           |      |       |           |     |                       |      |       |           |     |                 |      |       |           |          |           |      |       |           |     |                    |      |       |           |     |          |      |       |           |     |                     |   |     |   |     |   |   |     |   |     |
| Grupa treści "do wyboru" razem:  |                                                    |                                                         | 60            | 6    | 0                   | 0    | ---   | 0         | --- | 0        | 0    | ---   | 0         | --- | 0         | 0    | ---   | 0         | --- | 60                    | 6    | ---   | 30        | --- | 0               | 0    | ---   | 0         | ---      | 0         | 0    | ---   | 0         | --- | 0                  | 0    | ---   | 0         | --- | 0        | 0    | ---   | 0         | --- | 0                   | 0 | --- | 0 | --- | 0 | 0 | --- | 0 | --- |
| Grupa treści kierunkowych        |                                                    |                                                         |               |      |                     |      |       |           |     |          |      |       |           |     |           |      |       |           |     |                       |      |       |           |     |                 |      |       |           |          |           |      |       |           |     |                    |      |       |           |     |          |      |       |           |     |                     |   |     |   |     |   |   |     |   |     |
| 27                               | Dermatologia                                       | Kat. i Kl. Dermatologii, Wenerologii i Derm. Dziecięcej | 70            | 5    | 20                  | 5    | E     | 60        | D   | 0        | 0    | -     | 0         | -   | 20        | 0    | Z     | 10        | D   | 30                    | 0    | Z     | 30        | D   | 0               | 0    | -     | 0         | -        | 0         | 0    | -     | 0         | -   | 0                  | 0    | -     | 0         | -   | 0        | 0    | -     | 0         | -   | 0                   | 0 | -   | 0 | -   | 0 | 0 | -   | 0 | -   |
| Grupa treści kierunkowych razem: |                                                    |                                                         | 70            | 5    | 20                  | 5    | ---   | 60        | --- | 0        | 0    | ---   | 0         | --- | 20        | 0    | ---   | 10        | --- | 30                    | 0    | ---   | 30        | --- | 0               | 0    | ---   | 0         | ---      | 0         | 0    | ---   | 0         | --- | 0                  | 0    | ---   | 0         | --- | 0        | 0    | ---   | 0         | --- | 0                   | 0 | --- | 0 | --- | 0 | 0 | --- | 0 | --- |
| Grupa treści podstawowych        |                                                    |                                                         |               |      |                     |      |       |           |     |          |      |       |           |     |           |      |       |           |     |                       |      |       |           |     |                 |      |       |           |          |           |      |       |           |     |                    |      |       |           |     |          |      |       |           |     |                     |   |     |   |     |   |   |     |   |     |
| 28                               | Immunologia                                        | Katedra i Zakład Immunologii Klinicznej                 | 20            | 1    | 0                   | 0    | -     | 0         | -   | 5        | 1    | O     | 60        | D   | 10        | 0    | Z     | 10        | D   | 5                     | 0    | Z     | 30        | D   | 0               | 0    | -     | 0         | -        | 0         | 0    | -     | 0         | -   | 0                  | 0    | -     | 0         | -   | 0        | 0    | -     | 0         | -   | 0                   | 0 | -   | 0 | -   | 0 | 0 | -   | 0 | -   |
| 29                               | Mikrobiologia                                      | Katedra i Zakład Mikrobiologii Farmaceutycznej          | 70            | 5    | 20                  | 5    | E     | 60        | D   | 0        | 0    | -     | 0         | -   | 30        | 0    | Z     | 10        | D   | 20                    | 0    | Z     | 30        | D   | 0               | 0    | -     | 0         | -        | 0         | 0    | -     | 0         | -   | 0                  | 0    | -     | 0         | -   | 0        | 0    | -     | 0         | -   | 0                   | 0 | -   | 0 | -   | 0 | 0 | -   | 0 | -   |
| Grupa treści podstawowych razem: |                                                    |                                                         | 90            | 6    | 20                  | 5    | ---   | 60        | --- | 5        | 1    | ---   | 60        | --- | 40        | 0    | ---   | 20        | --- | 25                    | 0    | ---   | 60        | --- | 0               | 0    | ---   | 0         | ---      | 0         | 0    | ---   | 0         | --- | 0                  | 0    | ---   | 0         | --- | 0        | 0    | ---   | 0         | --- | 0                   | 0 | --- | 0 | --- | 0 | 0 | --- | 0 | --- |
| Grupy treści uzupełniających     |                                                    |                                                         |               |      |                     |      |       |           |     |          |      |       |           |     |           |      |       |           |     |                       |      |       |           |     |                 |      |       |           |          |           |      |       |           |     |                    |      |       |           |     |          |      |       |           |     |                     |   |     |   |     |   |   |     |   |     |
| 30                               | Blok [20g/ 0ects/ 1wyb] [blok obieralny]           | -----                                                   | 20            | 0    | 0                   | 0    | -     | 0         | -   | 0        | 0    | -     | 0         | -   | 20        | 0    | Z     | 20        | P   | 0                     | 0    | -     | 0         | -   | 0               | 0    | -     | 0         | -        | 0         | 0    | -     | 0         | -   | 0                  | 0    | -     | 0         | -   | 0        | 0    | -     | 0         | -   | 0                   | 0 | -   | 0 | -   | 0 | 0 | -   | 0 | -   |
|                                  | Przedmioty w bloku:                                |                                                         |               |      |                     |      |       |           |     |          |      |       |           |     |           |      |       |           |     |                       |      |       |           |     |                 |      |       |           |          |           |      |       |           |     |                    |      |       |           |     |          |      |       |           |     |                     |   |     |   |     |   |   |     |   |     |
|                                  | Ćwiczenia fitness [ćwiczenia]                      | Studium Wychowania Fizycznego i Sportu                  |               |      |                     |      |       |           |     |          |      |       |           |     |           |      |       |           |     |                       |      |       |           |     |                 |      |       |           |          |           |      |       |           |     |                    |      |       |           |     |          |      |       |           |     |                     |   |     |   |     |   |   |     |   |     |
|                                  | Kształtowanie sylwetki i postawy ciała [ćwiczenia] | Studium Wychowania Fizycznego i Sportu                  |               |      |                     |      |       |           |     |          |      |       |           |     |           |      |       |           |     |                       |      |       |           |     |                 |      |       |           |          |           |      |       |           |     |                    |      |       |           |     |          |      |       |           |     |                     |   |     |   |     |   |   |     |   |     |
| 31                               | Blok [30g/1ects/1wyb] [blok obieralny]             | -----                                                   | 30            | 1    | 0                   | 0    | -     | 0         | -   | 0        | 0    | -     | 0         | -   | 0         | 0    | -     | 0         | -   | 30                    | 1    | Z     | 30        | P   | 0               | 0    | -     | 0         | -        | 0         | 0    | -     | 0         | -   | 0                  | 0    | -     | 0         | -   | 0        | 0    | -     | 0         | -   | 0                   | 0 | -   | 0 | -   | 0 | 0 | -   | 0 | -   |
|                                  | Przedmioty w bloku:                                |                                                         |               |      |                     |      |       |           |     |          |      |       |           |     |           |      |       |           |     |                       |      |       |           |     |                 |      |       |           |          |           |      |       |           |     |                    |      |       |           |     |          |      |       |           |     |                     |   |     |   |     |   |   |     |   |     |

|    |                                                       |                                          |    |   |    |   |   |    |   |   |   |   |   |   |    |   |   |    |   |   |   |   |    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |
|----|-------------------------------------------------------|------------------------------------------|----|---|----|---|---|----|---|---|---|---|---|---|----|---|---|----|---|---|---|---|----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|
|    | Przedmioty w bloku:                                   |                                          |    |   |    |   |   |    |   |   |   |   |   |   |    |   |   |    |   |   |   |   |    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |
|    | Język angielski dla kosmetologów [seminarium]         | Studium Praktycznej Nauki Języków Obcych |    |   |    |   |   |    |   |   |   |   |   |   |    |   |   |    |   |   |   |   |    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |
|    | Język hiszpański dla kosmetologów [seminarium]        | Studium Praktycznej Nauki Języków Obcych |    |   |    |   |   |    |   |   |   |   |   |   |    |   |   |    |   |   |   |   |    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |
|    | Język niemiecki dla kosmetologów [seminarium]         | Studium Praktycznej Nauki Języków Obcych |    |   |    |   |   |    |   |   |   |   |   |   |    |   |   |    |   |   |   |   |    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |
|    | Język rosyjski dla kosmetologów [seminarium]          | Studium Praktycznej Nauki Języków Obcych |    |   |    |   |   |    |   |   |   |   |   |   |    |   |   |    |   |   |   |   |    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |
|    | Język włoski dla kosmetologów [seminarium]            | Studium Praktycznej Nauki Języków Obcych |    |   |    |   |   |    |   |   |   |   |   |   |    |   |   |    |   |   |   |   |    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |
| 32 | Dyspersja i inne zjawiska w preparatach kosmetycznych | Zakład Chemii Fizycznej                  | 40 | 3 | 10 | 3 | O | 60 | D | 0 | 0 | - | 0 | - | 25 | 0 | Z | 10 | D | 5 | 0 | Z | 30 | D | 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 | 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 | - | 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 | - | 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 | 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 | - | 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 | - | 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 | 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 | - | 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 | - | 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 | 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 | - | 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 | - | 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 | 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 | - | 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 | - | 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 | 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 | - | 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 | - | 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 | 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 | - | 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 | - | 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 | 0</ |





Łączne zestawienie wszystkich godzin

| Specjalność / Profil / Blok | Ogółem           |      | ZAJĘCIA DYDAKTYCZNE |      |                  |      | Praktyki         |      |
|-----------------------------|------------------|------|---------------------|------|------------------|------|------------------|------|
|                             | Liczba<br>godzin | ECTS | Podstawowe          |      | Blok             |      | Liczba<br>godzin | ECTS |
|                             |                  |      | Liczba<br>godzin    | ECTS | Liczba<br>godzin | ECTS |                  |      |