UNIWERSYTET KALISKI
im. Prezydenta Stanisława Wojciechowskiego
WYDZIAŁ POLITECHNICZNY

PLAN STUDIÓW NIESTACJONARNYCH
pierwszego stopnia, profil praktyczny

Kierunek: INŻYNIERIA TECHNOLOGII MEDYCZNYCH

| L.p. | Nazwa przedmiotu | L.egz. | Ogólna liczba godzin | | | | | | Rozdział zajęć programowych na semestry | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Razem | | w tym: | | | | SEMESTR I | | | | | | SEMESTR II | | | | | | SEMESTR III | | | | | | SEMESTR IV | | | | | | SEMESTR V | | | | | | SEMESTR VI | | | | | | SEMESTR VII | | | | | |
| | | | PK | godz. | wykł. W | ćw. C | lab. L | proj. P | PK | E | W | C | L | P | PK | E | W | C | L | P | PK | E | W | C | L | P | PK | E | W | C | L | P | PK | E | W | C | L | P | PK | E | W | C | L | P | PK | E | W | C | L | P |
| A | PRZEDMIOTY OGÓLNE | 0 | 5 | 40 | 28 | 0 | 12 | 0 | 4 | 0 | 18 | 0 | 12 | 0 | 1 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1 | Technologie informacyjne | 0 | 3 | 20 | 8 | 0 | 12 | 0 | 3 | | 8 | | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | Prawo medyczne | 0 | 1 | 10 | 10 | 0 | 0 | 0 | | | | | | | 1 | | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | Etyka zawodowa | 0 | 1 | 10 | 10 | 0 | 0 | 0 | 1 | | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B | PRZEDMIOTY PODSTAWOWE | 5 | 35 | 243 | 97 | 87 | 59 | 0 | 22 | 3 | 65 | 65 | 22 | 0 | 10 | 1 | 24 | 14 | 29 | 0 | 3 | 1 | 8 | 8 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1 | Analiza matematyczna | 1 | 4 | 28 | 14 | 14 | 0 | 0 | 4 | E | 14 | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | Algebra liniowa | 0 | 4 | 28 | 14 | 14 | 0 | 0 | 4 | | 14 | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | Metody probabilistyczne i statystyka | 0 | 3 | 22 | 8 | 0 | 14 | 0 | | | | | | | 3 | | 8 | | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | Fizyka medyczna | 1 | 4 | 22 | 8 | 14 | 0 | 0 | | | | | | | 4 | E | 8 | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | Podstawy programowania | 0 | 6 | 42 | 14 | 14 | 14 | 0 | 6 | | 14 | 14 | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | Grafika inżynierska (CAD) | 0 | 3 | 23 | 8 | 0 | 15 | 0 | | | | | | | 3 | | 8 | | 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | Elektronika i elektrotechnika | 1 | 4 | 24 | 8 | 8 | 8 | 0 | 4 | E | 8 | 8 | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Anatomia człowieka z elementami fizjologii | 1 | 4 | 30 | 15 | 15 | 0 | 0 | 4 | E | 15 | 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Biologia z wprowadzeniem do genetyki | 1 | 3 | 24 | 8 | 8 | 8 | 0 | | | | | | | | | | | | | 3 | E | 8 | 8 | 8 | | | | | | | | | | | | | | | | | | | | | | | | | |
| C | PRZEDMIOTY KIERUNKOWE | 10 | 75 | 576 | 205 | 121 | 250 | 0 | 4 | 1 | 10 | 0 | 14 | 0 | 17 | 1 | 40 | 30 | 45 | 0 | 12 | 2 | 42 | 30 | 26 | 0 | 10 | 2 | 31 | 38 | 16 | 0 | 15 | 1 | 43 | 8 | 58 | 0 | 13 | 3 | 31 | 15 | 61 | 0 | 4 | 0 | 8 | 0 | 30 | 0 |
| 1 | Metrologia i systemy pomiarowe | 0 | 3 | 24 | 8 | 8 | 8 | 0 | | | | | | | 3 | | 8 | 8 | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | Technika mikroprocesorowa | 1 | 4 | 30 | 8 | 0 | 22 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | E | 8 | | 22 | | | | | | | |
| 3 | Mechatronika | 1 | 4 | 38 | 15 | 15 | 8 | 0 | | | | | | | | | | | | | | | | | | | 4 | E | 15 | 15 | 8 | | | | | | | | | | | | | | | | | | | |
| 4 | Systemy operacyjne | 1 | 4 | 24 | 10 | 0 | 14 | 0 | 4 | E | 10 | | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | Algorytmy i struktury danych | 1 | 6 | 38 | 14 | 12 | 12 | 0 | | | | | | | 6 | E | 14 | 12 | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | Bazy danych | 1 | 4 | 36 | 18 | 0 | 18 | 0 | | | | | | | | | | | | | 4 | E | 18 | | 18 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | Systemy wbudowane | 0 | 4 | 32 | 12 | 0 | 20 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | 4 | | 12 | | 20 | | | | | | | | | | | | | |
| 8 | Metody sztucznej inteligencji | 0 | 4 | 30 | 15 | 0 | 15 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | 4 | | 15 | | 15 | | | | | | | | | | | | | |
| 9 | Przetwarzanie i analiza obrazów | 1 | 4 | 39 | 15 | 0 | 24 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | E | 15 | | 24 | | | | | | | |
| 10 | Wprowadzenie do uczenia maszynowego | 0 | 3 | 23 | 8 | 0 | 15 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | 3 | | 8 | | 15 | | | | | | | | | | | | | |
| 11 | Wstęp do modelowania neuronowego | 0 | 2 | 23 | 8 | 0 | 15 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | 8 | | 15 | |
| 12 | Technologie i metody rzeczywistości rozszerzonej i wirtualnej | 0 | 2 | 15 | 0 | 0 | 15 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | | | 15 | |
| 13 | Histologia | 1 | 3 | 24 | 8 | 8 | 8 | 0 | | | | | | | | | | | | | | | | | | | 3 | E | 8 | 8 | 8 | | | | | | | | | | | | | | | | | | | |
| 14 | Kompatybilność materiałów medycznych | 0 | 3 | 23 | 8 | 15 | 0 | 0 | | | | | | | | | | | | | 3 | | 8 | 15 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | Elektroniczna aparatura medyczna | 1 | 7 | 46 | 18 | 10 | 18 | 0 | | | | | | | 5 | | 10 | 10 | 10 | | 2 | E | 8 | | 8 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | Techniki diagnostyczne w medycynie | 0 | 3 | 23 | 8 | 15 | 0 | 0 | | | | | | | | | | | | | 3 | | 8 | 15 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | Techniki obrazowania medycznego | 0 | 3 | 23 | 8 | 15 | 0 | 0 | | | | | | | | | | | | | | | | | | | 3 | | 8 | 15 | | | | | | | | | | | | | | | | | | | | |
| 18 | Sztuczne narządy i implanty | 1 | 4 | 24 | 8 | 8 | 8 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | 4 | E | 8 | 8 | 8 | | | | | | | | | | | | | |
| 19 | Technologie 3D w medycynie | 1 | 5 | 38 | 8 | 15 | 15 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 | E | 8 | 15 | 15 | | | | | | | |
| 20 | Inżynieria materiałowa | 0 | 3 | 23 | 8 | 0 | 15 | 0 | | | | | | | 3 | | 8 | | 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | **A, B, C - SUMA** | **15** | **115** | **859** | **330** | **208** | **321** | **0** | **30** | **4** | **93** | **65** | **48** | **0** | **28** | **2** | **74** | **44** | **74** | **0** | **15** | **3** | **50** | **38** | **34** | **0** | **10** | **2** | **31** | **38** | **16** | **0** | **15** | **1** | **43** | **8** | **58** | **0** | **13** | **3** | **31** | **15** | **61** | **0** | **4** | **0** | **8** | **0** | **30** | **0** |

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| L.p. | Nazwa przedmiotu | L.egz. | Ogólna liczba godzin | | | | | | Rozdział zajęć programowych na semestry | | | | | |