

INFORMATYKA - systemy stacjonarne (STUDIA INŻYNIERSKIE) rok ak. 2019/2020, profil kształcenia: praktyczny

| Lp.                                | PRZEDMIOT | TYTUŁ<br>JANUSZKA | CYK I |   |      |   |      |   | CYK II |   |      |   |      |   | CYK III |   |      |   |      |   | CYK IV |   |      |   |      |   |  |  |  |  |
|------------------------------------|-----------|-------------------|-------|---|------|---|------|---|--------|---|------|---|------|---|---------|---|------|---|------|---|--------|---|------|---|------|---|--|--|--|--|
|                                    |           |                   | 2019  |   | 2020 |   | 2021 |   | 2020   |   | 2021 |   | 2022 |   | 2023    |   | 2024 |   | 2025 |   | 2026   |   | 2027 |   | 2028 |   |  |  |  |  |
|                                    |           |                   | W     | C | W    | C | W    | C | W      | C | W    | C | W    | C | W       | C | W    | C | W    | C | W      | C | W    | C | W    | C |  |  |  |  |
| <b>PRZEDMIOTY FUNDAMENTALNE</b>    |           |                   |       |   |      |   |      |   |        |   |      |   |      |   |         |   |      |   |      |   |        |   |      |   |      |   |  |  |  |  |
| <b>KIERUNKOWE:</b>                 |           |                   |       |   |      |   |      |   |        |   |      |   |      |   |         |   |      |   |      |   |        |   |      |   |      |   |  |  |  |  |
| 1                                  | WYKŁADY   |                   |       |   |      |   |      |   |        |   |      |   |      |   |         |   |      |   |      |   |        |   |      |   |      |   |  |  |  |  |
| 2                                  | WYKŁADY   |                   |       |   |      |   |      |   |        |   |      |   |      |   |         |   |      |   |      |   |        |   |      |   |      |   |  |  |  |  |
| 3                                  | WYKŁADY   |                   |       |   |      |   |      |   |        |   |      |   |      |   |         |   |      |   |      |   |        |   |      |   |      |   |  |  |  |  |
| 4                                  | WYKŁADY   |                   |       |   |      |   |      |   |        |   |      |   |      |   |         |   |      |   |      |   |        |   |      |   |      |   |  |  |  |  |
| 5                                  | WYKŁADY   |                   |       |   |      |   |      |   |        |   |      |   |      |   |         |   |      |   |      |   |        |   |      |   |      |   |  |  |  |  |
| 6                                  | WYKŁADY   |                   |       |   |      |   |      |   |        |   |      |   |      |   |         |   |      |   |      |   |        |   |      |   |      |   |  |  |  |  |
| 7                                  | WYKŁADY   |                   |       |   |      |   |      |   |        |   |      |   |      |   |         |   |      |   |      |   |        |   |      |   |      |   |  |  |  |  |
| 8                                  | WYKŁADY   |                   |       |   |      |   |      |   |        |   |      |   |      |   |         |   |      |   |      |   |        |   |      |   |      |   |  |  |  |  |
| 9                                  | WYKŁADY   |                   |       |   |      |   |      |   |        |   |      |   |      |   |         |   |      |   |      |   |        |   |      |   |      |   |  |  |  |  |
| 10                                 | WYKŁADY   |                   |       |   |      |   |      |   |        |   |      |   |      |   |         |   |      |   |      |   |        |   |      |   |      |   |  |  |  |  |
| 11                                 | WYKŁADY   |                   |       |   |      |   |      |   |        |   |      |   |      |   |         |   |      |   |      |   |        |   |      |   |      |   |  |  |  |  |
| 12                                 | WYKŁADY   |                   |       |   |      |   |      |   |        |   |      |   |      |   |         |   |      |   |      |   |        |   |      |   |      |   |  |  |  |  |
| 13                                 | WYKŁADY   |                   |       |   |      |   |      |   |        |   |      |   |      |   |         |   |      |   |      |   |        |   |      |   |      |   |  |  |  |  |
| 14                                 | WYKŁADY   |                   |       |   |      |   |      |   |        |   |      |   |      |   |         |   |      |   |      |   |        |   |      |   |      |   |  |  |  |  |
| 15                                 | WYKŁADY   |                   |       |   |      |   |      |   |        |   |      |   |      |   |         |   |      |   |      |   |        |   |      |   |      |   |  |  |  |  |
| 16                                 | WYKŁADY   |                   |       |   |      |   |      |   |        |   |      |   |      |   |         |   |      |   |      |   |        |   |      |   |      |   |  |  |  |  |
| 17                                 | WYKŁADY   |                   |       |   |      |   |      |   |        |   |      |   |      |   |         |   |      |   |      |   |        |   |      |   |      |   |  |  |  |  |
| 18                                 | WYKŁADY   |                   |       |   |      |   |      |   |        |   |      |   |      |   |         |   |      |   |      |   |        |   |      |   |      |   |  |  |  |  |
| 19                                 | WYKŁADY   |                   |       |   |      |   |      |   |        |   |      |   |      |   |         |   |      |   |      |   |        |   |      |   |      |   |  |  |  |  |
| 20                                 | WYKŁADY   |                   |       |   |      |   |      |   |        |   |      |   |      |   |         |   |      |   |      |   |        |   |      |   |      |   |  |  |  |  |
| 21                                 | WYKŁADY   |                   |       |   |      |   |      |   |        |   |      |   |      |   |         |   |      |   |      |   |        |   |      |   |      |   |  |  |  |  |
| 22                                 | WYKŁADY   |                   |       |   |      |   |      |   |        |   |      |   |      |   |         |   |      |   |      |   |        |   |      |   |      |   |  |  |  |  |
| 23                                 | WYKŁADY   |                   |       |   |      |   |      |   |        |   |      |   |      |   |         |   |      |   |      |   |        |   |      |   |      |   |  |  |  |  |
| 24                                 | WYKŁADY   |                   |       |   |      |   |      |   |        |   |      |   |      |   |         |   |      |   |      |   |        |   |      |   |      |   |  |  |  |  |
| 25                                 | WYKŁADY   |                   |       |   |      |   |      |   |        |   |      |   |      |   |         |   |      |   |      |   |        |   |      |   |      |   |  |  |  |  |
| 26                                 | WYKŁADY   |                   |       |   |      |   |      |   |        |   |      |   |      |   |         |   |      |   |      |   |        |   |      |   |      |   |  |  |  |  |
| 27                                 | WYKŁADY   |                   |       |   |      |   |      |   |        |   |      |   |      |   |         |   |      |   |      |   |        |   |      |   |      |   |  |  |  |  |
| 28                                 | WYKŁADY   |                   |       |   |      |   |      |   |        |   |      |   |      |   |         |   |      |   |      |   |        |   |      |   |      |   |  |  |  |  |
| 29                                 | WYKŁADY   |                   |       |   |      |   |      |   |        |   |      |   |      |   |         |   |      |   |      |   |        |   |      |   |      |   |  |  |  |  |
| 30                                 | WYKŁADY   |                   |       |   |      |   |      |   |        |   |      |   |      |   |         |   |      |   |      |   |        |   |      |   |      |   |  |  |  |  |
| 31                                 | WYKŁADY   |                   |       |   |      |   |      |   |        |   |      |   |      |   |         |   |      |   |      |   |        |   |      |   |      |   |  |  |  |  |
| 32                                 | WYKŁADY   |                   |       |   |      |   |      |   |        |   |      |   |      |   |         |   |      |   |      |   |        |   |      |   |      |   |  |  |  |  |
| 33                                 | WYKŁADY   |                   |       |   |      |   |      |   |        |   |      |   |      |   |         |   |      |   |      |   |        |   |      |   |      |   |  |  |  |  |
| <b>PRZEDMIOTY SPECJALNOŚCIOWE:</b> |           |                   |       |   |      |   |      |   |        |   |      |   |      |   |         |   |      |   |      |   |        |   |      |   |      |   |  |  |  |  |
| 1                                  | WYKŁADY   |                   |       |   |      |   |      |   |        |   |      |   |      |   |         |   |      |   |      |   |        |   |      |   |      |   |  |  |  |  |
| 2                                  | WYKŁADY   |                   |       |   |      |   |      |   |        |   |      |   |      |   |         |   |      |   |      |   |        |   |      |   |      |   |  |  |  |  |
| 3                                  | WYKŁADY   |                   |       |   |      |   |      |   |        |   |      |   |      |   |         |   |      |   |      |   |        |   |      |   |      |   |  |  |  |  |
| 4                                  | WYKŁADY   |                   |       |   |      |   |      |   |        |   |      |   |      |   |         |   |      |   |      |   |        |   |      |   |      |   |  |  |  |  |
| <b>OGÓLEM</b>                      |           |                   |       |   |      |   |      |   |        |   |      |   |      |   |         |   |      |   |      |   |        |   |      |   |      |   |  |  |  |  |
| <b>ECTS 234</b>                    |           |                   |       |   |      |   |      |   |        |   |      |   |      |   |         |   |      |   |      |   |        |   |      |   |      |   |  |  |  |  |
| <b>W 0</b>                         |           |                   |       |   |      |   |      |   |        |   |      |   |      |   |         |   |      |   |      |   |        |   |      |   |      |   |  |  |  |  |
| <b>C 0</b>                         |           |                   |       |   |      |   |      |   |        |   |      |   |      |   |         |   |      |   |      |   |        |   |      |   |      |   |  |  |  |  |
| <b>L 0</b>                         |           |                   |       |   |      |   |      |   |        |   |      |   |      |   |         |   |      |   |      |   |        |   |      |   |      |   |  |  |  |  |

\* tylko dla obcokrajowców