

**Academic year / Akademický rok: 2020/2021**

**FACULTY / FAKULTA: Faculty of Engineering / Technická fakulta**

| Ser. no. | Department / Katedra | Ser. no. | Course / Predmet  | Code / Kód predmetu | ECTS / Počet kreditov | Study level / Stupeň štúdia |                          |                          | Full time study / Denné štúdium | Part time study / Externé štúdium | Winter semester / Zimný semester | Summer semester / Letný semester | Person responsible / Zodpovedný za predmet | Teacher / Vyučujúci  |
|----------|----------------------|----------|---|---------------------|-----------------------|-----------------------------|--------------------------|--------------------------|---------------------------------|-----------------------------------|----------------------------------|----------------------------------|--|--|
|          |                      |          |   |                     |                       | BC. štúdium / 1st level     | Ing. štúdium / 2nd level | PhD. štúdium / 3rd level |                                 |                                   |                                  |                                  |  |  |
| 1        | KDM                  | 1        | Theory and Design of Tractors / Teória a konštrukcia traktorov                            | T15-0027-B          | 6                     | x                           |                          |                          | x                               |                                   | x                                |                                  | doc. Ing. Radoslav Majdan, PhD.            | doc. Ing. Radoslav Majdan, PhD.  |
| 2        | KEAI                 | 1        | Introduction to Programming / Úvod do programovania                                       | T15-0052-B          | 6                     | x                           |                          |                          | x                               | x                                 | x                                | x                                | doc. Ing. Zuzana Palková, PhD.             | doc. Ing. Zuzana Palková, PhD.   |
| 3        | KEAI                 | 2        | The Algorithm and Data Structures / Algoritmy a dátové štruktúry                          | T15-0033-B          | 4                     | x                           |                          |                          | x                               | x                                 | x                                |                                  | doc. Ing. Zuzana Palková, PhD.             | doc. Ing. Zuzana Palková, PhD.   |
| 4        | KEAI                 | 3        | Applied Informatics / Aplikovaná informatika  | PHD_M052_N          | 10                    |                             |                          |                          |                                 |                                   | x                                |                                  | doc. Ing. Jozef Rédl, PhD.                 | doc. Ing. Jozef Rédl, PhD.   |
| 5        | KF                   | 1        | Introduction to Technical Physics/Úvod do technickej fyziky                               | T15-0067-B          | 6                     | x                           |                          |                          | x                               | x                                 |                                  |                                  | doc. RNDr. Ľubomír Kubík, PhD.             | doc. RNDr. Monika Božiková, PhD., doc. RNDr. Ľubomír Kubík, PhD., Mgr. Peter Hlaváč, PhD., Mgr. Ján Novák, PhD.  |
| 6        | KF                   | 2        | Technical Physics / Technická fyzika  | T15-0065-B          | 6                     | x                           |                          |                          | x                               | x                                 |                                  | x                                | doc. RNDr. Vlasta Vozárová, PhD.           | doc. RNDr. Vlasta Vozárová, PhD., doc. RNDr. Ľubomír Kubík, PhD., Mgr. Daniela Kunecová, PhD., Mgr. Ján Novák, PhD., Ing. Ana Petrovič, PhD.             |
| 7        | KF                   | 3        | Biophysics and Physical Properties of Food / Biofyzika a fyzikálne vlastnosti potravín    | T15-0057-B          | 6                     | x                           |                          |                          | x                               | x                                 | x                                |                                  | doc. RNDr. Zuzana Hlaváčová, CSc.          | doc. RNDr. Zuzana Hlaváčová, CSc., Mgr. Peter Hlaváč, PhD.   |
| 8        | KF                   | 4        | Application of OS Linux in Physics and Technics / Aplikácia OS Linux vo fyzike a technike | T15-0054-I          | 3                     |                             | x                        |                          | x                               | x                                 | x                                | x                                | doc. RNDr. Ľubomír Kubík, PhD.             | doc. RNDr. Ľubomír Kubík, PhD.   |
| 9        | KF                   | 5        | Environmental Physics and Eco-energetics/Environmentálna fyzika a eko-energetika          | T15-0058-I          | 6                     |                             | x                        |                          | x                               | x                                 |                                  | x                                | doc. RNDr. Vlasta Vozárová, PhD.           | doc. RNDr. Vlasta Vozárová, PhD., Mgr. Daniela Kunecová, PhD., Ing. Ana Petrovič, PhD., doc. RNDr. Ľubomír Kubík, PhD., doc. RNDr. Monika Božiková, PhD. |
| 10       | KF                   | 6        | Engineering Ecology / Inžinierska ekológia  | T15-0061-I          | 6                     |                             | x                        |                          | x                               |                                   | x                                |                                  | doc. RNDr. Ľubomír Kubík, PhD.             | doc. RNDr. Ľubomír Kubík, PhD.   |
| 11       | KF                   | 7        | Selected Chapters from Physics / Vybrané kapitoly z fyziky                                | PHD_M044_N          | 10                    |                             |                          | x                        | x                               |                                   | x                                | x                                | doc. RNDr. Zuzana Hlaváčová, CSc.          | doc. RNDr. Zuzana Hlaváčová, CSc.  |
| 12       | KF                   | 8        | Application of Operating System Linux / Využitie operačného systému Linux                 | PHD_M069            | 10                    |                             |                          | x                        | x                               |                                   | x                                | x                                | doc. RNDr. Ľubomír Kubík, PhD.             | doc. RNDr. Ľubomír Kubík, PhD.   |
| 13       | KF                   | 9        | Computer Image Processing / Počítačové spracovanie obrazu                                 | PHD_M029_N          | 10                    |                             |                          | x                        | x                               |                                   | x                                | x                                | RNDr. Ľubomír Kubík, PhD.                  | RNDr. Ľubomír Kubík, PhD.  |
| 14       | KF                   | 10       | Renewable energy sources PD/ Obnoviteľné zdroje energie PhD                               | PHD_M048_N          | 10                    |                             |                          | x                        |                                 |                                   |                                  | x                                | doc. RNDr. Monika Božiková, PhD.           | doc. RNDr. Monika Božiková, PhD.   |
| 15       | KKS                  | 1        | Mechanics of Materials / Pružnosť a pevnosť   | T15-0071-B          | 6                     | x                           |                          |                          | x                               |                                   |                                  | x                                | doc. Ing. Jozef Rédl, PhD.                 | doc. Ing. Jozef Rédl, PhD.   |
| 16       | KKS                  | 2        | Engineering mechanics/Technická mechanika   | T15-0072-B          | 6                     | x                           |                          |                          | x                               |                                   | x                                |                                  | doc. Ing. Marian Kučera, PhD.              | doc. Ing. Jozef Rédl, PhD.   |

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| 17 | KKS   | 3 | Applied Mechanics/Aplikovaná mechanika  | PHD_ M067                  | 10 |   |   | x |   |  | x |   | doc. Ing. Marian Kučera, PhD.                | doc. Ing. Jozef Rédl, PhD.       |
| 18 | KKS   | 4 | Advanced Design Methods / Progresívne metódy konštruovania                          | T15-0070-I                 | 4  |   | x |   | x |  | x |   | doc. Ing. Milan Kadnár, PhD.                 | Ing. Dušan Páleš, CSc.           |
| 19 | KKST  | 1 | Vehicle Construction and Driving/Konštrukcia a riadenie vozidiel                    | T15-0082-B                 | 6  | x |   |   | x |  | x |   | Ing. Rastislav Bernát, PhD.                  | Mgr. Norbert Kecskés, PhD.       |
| 20 | KKST  | 2 | Computer Aided Manufacturing / Počítačom podporovaná výroba                         | T15-0092-I                 | 6  | x | x |   | x |  |   | x | doc. Ing. Maroš Korenko, PhD.                | Ing. Róbert Driľka, PhD.         |
| 21 | KKST  | 3 | Advanced Manufacturing Technologies/Progresívne výrobné technológie                 | T15-0093-I                 | 4  |   | x |   | x |  | x |   | doc. Ing. Martin Kotus, PhD.                 | Ing. Róbert Driľka, PhD.         |
| 22 | KSVB  | 1 | Machinery in Agriculture / Technika v agrokomplexe                                  | T15-0138-B                 | 6  | x |   |   | x |  | x |   | prof. Ing. Pavol Findura, PhD.,<br>prof.h.c. | Ing. Koloman Krištof, PhD.       |
| 23 | KSVB  | 2 | Precision Farming / Presné poľnohospodárstvo  | T15-0123-I                 | 6  |   | x |   | x |  |   | x | prof. Ing. Vladimír Rataj, PhD.              | doc. Ing. Jana Galambošová, PhD. |
| 24 | KZSBT | 1 | CAD Metódy v technickej praxi/CAD Methods in Technical Practices                    | T15-0105-I                 | 6  |   | x |   | x |  | x | x | doc. Ing. Jana Lendelová, PhD.               | doc. Ing. Jana Lendelová, PhD.   |
| 25 | KZSBT | 2 | Technology for Farm Animal Husbandry / Technológie v chove zvierat                  | T15-0149-B                 | 6  | x |   |   | x |  |   | x | prof. Ing. Štefan Mihina, PhD.               | prof. Ing. Štefan Mihina, PhD.   |
| 26 | KZSBT | 3 | Machinery for Animal Production/Technika pre chov zvierat                           | T15-0148-I                 | 6  |   | x |   | x |  | x |   | prof. Ing. Roman Gálik, PhD.                 | prof. Ing. Štefan Mihina, PhD.   |
| 27 | KZSBT | 4 | Technology and Machinery in Animal Husbandry/Technológia a technika v chove zvierat | PHD_ M091/2<br>PHD_ M091_N | 10 |   |   | x | x |  | x | x | prof. Ing. Štefan Mihina, PhD.               | prof. Ing. Štefan Mihina, PhD.   |
| 28 | KZSBT | 5 | Computer Graphic in Technical Practice / Počítačová grafika v technickej praxi      | T15-0109-B                 | 6  | x |   |   | x |  |   | x | doc. Ing. Jana Lendelová, PhD.               | doc. Ing. Jana Lendelová, PhD.   |
| 29 | KZSBT | 6 | Basis of Food Processing Equipment  | T15-0150-B                 | 4  | x |   |   | x |  | x |   | doc. Ing. Viera Kažimírová, PhD.             | Ing. Tomáš Holota, PhD.          |
| 30 | KZSBT | 7 | Food Industry Engineering   | T15-0144-I                 | 6  |   | x |   | x |  | x |   | doc. Ing. Viera Kažimírová, PhD.             | Ing. Tomáš Holota, PhD.          |