**I.1.** **Curriculum of Agricultural Engineer BSc**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Courses** | **semesters** | | | | | | | | **credit** | **assessment** |
| **1.** | **2.** | **3.** | **4.** | **5.** | **6.** | **7.** | **8.** |
| **number of courses/ week and semester**  **type of course[[1]](#footnote-1) (ea / sz / gy / konz)** | | | | | | | |  |  |
| ***basic studies*** | | | | | | | | | | |
| Zoology  Dr. Kozák Lajos | *2/30L*  *1/15P* |  |  |  |  |  |  |  | 4 | Coll. |
| Agricultural History, EU Knowledge  Dr. Popp József | *2/30L* |  |  |  |  |  |  |  | 5 | Coll. |
| Mathematics  Dr. Kovács Sándor | *2/30L*  *1/15P* |  |  |  |  |  |  |  | *5* | *Coll.* |
| Agricultural Chemistry  Dr. Vágó Imre | *2/30L*  *2/30P* |  |  |  |  |  |  |  | *5* | *Coll* |
| Agricultural Botany  Dr. Lisztes-Szabó Zsuzsa | *2/30L*  *1/15P* |  |  |  |  |  |  |  | *5* | *Coll.* |
| Informatics  Dr. Herdon Miklós | *2/30P* |  |  |  |  |  |  |  | *3* | *Prac.* |
| Animal physiology  Novotniné Dr. Dankó Gabriella |  | *2/30L*  *1/15P* |  |  |  |  |  |  | *3* | *Coll.* |
| Organic and biochemistry  Erdeiné Dr. Kremper Rita |  | *2/30L*  *1/15P* |  |  |  |  |  |  | *4* | *Coll.* |
| Agricultural and Food industrial microbiology  Dr. Karaffa Erzsébet |  | *2/30L*  *1/15P* |  |  |  |  |  |  | *3* | *Coll.* |
| Rural Developement  Dr. Harsányi Endre |  | *2/30L*  *1/15P* |  |  |  |  |  |  | *3* | *Prac.* |
| Basic of Plant Physiology  Dr. Veres Szilvia |  | *2/30L*  *1/15P* |  |  |  |  |  |  | *3* | *Coll.* |
| Soil Science  Dr. Kátai János |  | *2/30L*  *1/15P* |  |  |  |  |  |  | *3* | *Coll.* |
| Water Management I.  Dr. Juhász Csaba |  | *2/30L*  *1/15P* |  |  |  |  |  |  | *4* | *Coll.* |
| Agricultural Fundamentals  Novotniné Dr. Dankó Gabriella |  | *2/30P* |  |  |  |  |  |  | *3* | *Coll.* |
| Environmental management  Dr. Nagy Attila |  | *2/30L* |  |  |  |  |  |  | *3* | *Coll.* |
| Land use and regional development  Dr. Nagy János |  |  | *2/30L*  *2/30P* |  |  |  |  |  | *4* | *Coll.* |
| Agricultural machinery Dr. Hagymássy Zoltán |  |  | *2/30L*  *2/30P* |  |  |  |  |  | *4* | *Coll.* |
| Economic Sciences I.  Bauerné Dr. Gáthy Andrea |  |  | *4/60L* |  |  |  |  |  | *3* | *Coll.* |
| Crop production I.  Dr. Csajbók József |  |  | *2/30L*  *1/15P* |  |  |  |  |  | *4* | *Coll.* |
| Agrochemistry  Balláné Dr. Kovács Andrea  Erdeiné dr. Kremper Rita |  |  | *2/30L*  *1/15P* |  |  |  |  |  | *3* | *Coll.* |
| Agroecology  Dr. Lakatos László |  |  |  | *2/30L* |  |  |  |  | *3* | *Prac.* |
| **sum:** | ***10/150L***  ***7/105P*** | ***16/240L***  ***9/135P*** | ***12/180L***  ***8/120P*** | ***2/30L*** |  |  |  |  | ***78*** | ***18 Coll.***  ***3 Prac.*** |
| ***professional studies*** | | | | | | | | | | |
| Feeding for animals  Dr. Bársony Péter |  |  | *2/30L*  *2/30P* |  |  |  |  |  | *5* | *Coll.* |
| Animal husbandry I.  Dr. Komlósi István |  |  |  | *2/30L*  *1/15P* |  |  |  |  | *4* | *Coll.* |
| Horticulture I.  Dremák Péter |  |  |  | *1/15L*  *1/15P* |  |  |  |  | *2* | *Prac.* |
| Crop Production II.  Dr. Csajbók József |  |  |  | *2/30L*  *1/15P* |  |  |  |  | *4* | *Coll.* |
| Economic Sciences II.  Dr. Posta László |  |  |  | *4/60L*  *1/15P* |  |  |  |  | *3* | *Coll.* |
| Water management II.  Dr. Juhász Csaba |  |  |  | *2/30L*  *1/15P* |  |  |  |  | *3* | *Coll.* |
| Plant genetics and plant breeding  Dr. Pepó Pál |  |  |  |  | *2/30L*  *1/15P* |  |  |  | *3* | *Prac.* |
| Animal husbandry II.  Dr. Czeglédi Levente |  |  |  |  | *2/30L*  *1/15P* |  |  |  | *3* | *Coll.* |
| Horticulture II.  Takácsné Dr. Hájos Mária |  |  |  |  | *1/15L*  *1/15P* |  |  |  | *2* | *Coll.* |
| Environmental management II.  Dr. Nagy Attila |  |  |  |  | *2/30L* |  |  |  | *2* | *Coll.* |
| Economic Sciences III.  Dr. Pető Károly |  |  |  |  | *4/60L* |  |  |  | *4* | *Coll.* |
| Statistics  Dr. Balogh Péter |  |  |  |  | *1/15L*  *1/15P* |  |  |  | *3* | *Prac.* |
| Regulation and Administration of Agriculture  Dr. Andorkó Imre |  |  |  |  |  | *2/30L* |  |  | *3* | *Coll.* |
| Animals Health  Dr. Vass Nóra |  |  |  |  |  | *1/15L*  *1/15P* |  |  | *2* | *Prac.* |
| Food Technologies  Dr. Sipos Péter |  |  |  |  |  | *2/30L*  *1/15P* |  |  | *3* | *Prac.* |
| Quality Management System  Dr. Peles Ferenc |  |  |  |  |  | *2/30L* |  |  | *2* | *Coll.* |
| Farm business management  Dr Felföldi János |  |  |  |  |  | *2/30L* |  |  | *2* | *Coll.* |
| Forest and game management  Dr. Rédei Károly |  |  |  |  |  | *2/30L*  *1/15P* |  |  | *5* | *Coll.* |
| Grassland management  Dr. Nagy Géza |  |  |  |  |  | *1/15L*  *1/15P* |  |  | *2* | *Prac.* |
| Integrated Plant Portection  Dr. Radócz László |  |  |  |  |  | *1/15L*  *1/15P* |  |  | *3* | *Prac.* |
| **sum** |  |  | ***2/30L***  ***2/30P*** | ***11/165L***  ***5/75P*** | ***12/180L***  ***4/60P*** | ***13/195L***  ***5/75P*** |  |  | ***60*** | ***13 Coll.***  ***7 Prac.*** |
| ***differentiated professional studies*** | | | | | | | | | | |
|  | | | | | | | | | | |
| Agricultural Practice I.  Crop production  Dr. Posta János  Dr. Dóka Lajos Fülöp | *40P* |  |  |  |  |  |  |  | *0* | *S.* |
| Agricultural Practice II.  Dr. Posta János  Dr. Dóka Lajos Fülöp |  | *40P* |  |  |  |  |  |  | *0* | *S* |
| Agricultural practice III.  Dr. Posta László  Dr. Dóka Lajos Fülöp |  |  | *40P* |  |  |  |  |  | *0* | *S.* |
| Agricultural practice IV.  Dr. Posta János  Dr. Dóka Lajos Fülöp |  |  |  | *40P* |  |  |  |  | *0* | *S.* |
| Agricultural practice V.  Dr. Posta László  Dr. Dóka Lajos Fülöp |  |  |  |  | *40P* |  |  |  | *0* | *S.* |
| Project work I.  Dr. Kátai János |  |  | *4/60P* |  |  |  |  |  | *4* | *Prac.* |
| Project work II.  Dr. Kátai János |  |  |  | *4/60P* |  |  |  |  | *4* | *Prac.* |
| Project work III.  Dr. Kátai János |  |  |  |  | *4/60P* |  |  |  | *4* | *Prac.* |
| Project work IV.  Dr. Kátai János |  |  |  |  |  | *4/60P* |  |  | *4* | *Prac.* |
| Plant Patology  Dr. Kövics György |  |  |  | *1/15L*  *1/15P* |  |  |  |  | *3* | *Prac.* |
| Agricultural entomology  Dr. Bozsik András |  |  |  |  | *1/15L*  *1/15P* |  |  |  | *3* | *Prac.* |
| **sum** | ***40P*** | ***40P*** | ***4/60P***  ***40P*** | ***1/15L***  ***5/75P***  ***40P*** | ***1/15L***  ***5/75P***  ***40P*** | ***4/60P*** |  |  | **22** | **6 Prac.**  **5 S.** |

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| ***optional courses*** | | | | | | | | | | |
| Etology  Novotniné Dr. Dankó Gabriella |  |  |  |  | *1/15L* |  |  |  | *1* | *Coll.* |
| Forcing and early vegetable production Takácsné Dr. Hájos Mária |  |  |  |  | *2/30L* |  |  |  | *4* | *Coll.* |
| Lake economical husbandry technologies  Dr. Bársony Péter |  |  |  |  |  | *2/30L* |  |  | *2* | *Coll.* |
| Qalification of animal products  Dr. Rózsáné Dr. Várszegi Zsófia |  |  |  |  |  | *2/30L* |  |  | *2* | *Coll.* |
| Soil ecology  Dr. Kátai János |  |  | *2/30L*  *1/15P* |  |  |  |  |  | *4* | *Coll.* |
| Irrigated farming  Dr. Csajbók József |  |  |  | *2/30L* |  |  |  |  | *2* | *Coll.* |
| Plant nutrition management  Dr. Pepó Péter |  |  |  |  | *2/30L* |  |  |  | *2* | *Coll.* |
| Medicinal Plants and Spice Crops Production  Dr. Kutasy Erika |  |  |  | *2/30L* |  |  |  |  | *2* | *Coll.* |
| Operations management  Dr. Pakurár Miklós |  |  |  | *2/30L* |  |  |  |  | *4* | *Coll.* |
| **összesen** |  |  | ***2/30L***  ***1/15P*** | ***6/90L*** | ***5/75L*** | ***6/90L*** |  |  | ***24*** | ***9 Coll.*** |

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| **sum** | **10/150L 7/105P 40P** | **16/240L 9/135P 40P** | **16/240L 15/225P 40P** | **20/300L 10/150P 40P** | **18/270L 9/135P 40P** | **19/385L 9/135P** |  |  | **160+24** | **40 Coll. 17 Prac.**  **5 S.** |

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| **Professional pratcice:**  It comprises of two parts.  In the 1st and 5th semseters, students must participate in a 40-hour weekly intership during summer for which no credit is awarded and then in the 7th semester students have to complete an internship for which 30 credits are awarded. |

1. [↑](#footnote-ref-1)