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

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| **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***  |
| ZoologyDr. Kozák Lajos | *2/30L**1/15P* |  |  |  |  |  |  |  | 4 | Coll. |
| Agricultural History, EU KnowledgeDr. Popp József | *2/30L* |  |  |  |  |  |  |  | 5 | Coll. |
| MathematicsDr. Kovács Sándor | *2/30L**1/15P* |  |  |  |  |  |  |  | *5* | *Coll.* |
| Agricultural ChemistryDr. Vágó Imre | *2/30L**2/30P* |  |  |  |  |  |  |  | *5* | *Coll* |
| Agricultural BotanyDr. Lisztes-Szabó Zsuzsa | *2/30L**1/15P* |  |  |  |  |  |  |  | *5* | *Coll.* |
| InformaticsDr. Herdon Miklós | *2/30P* |  |  |  |  |  |  |  | *3* | *Prac.* |
| Animal physiologyNovotniné Dr. Dankó Gabriella |  | *2/30L**1/15P* |  |  |  |  |  |  | *3* | *Coll.* |
| Organic and biochemistryErdeiné Dr. Kremper Rita |  | *2/30L**1/15P* |  |  |  |  |  |  | *4* | *Coll.* |
| Agricultural and Food industrial microbiologyDr. Karaffa Erzsébet |  | *2/30L**1/15P* |  |  |  |  |  |  | *3* | *Coll.* |
| Rural DevelopementDr. Harsányi Endre |  | *2/30L**1/15P* |  |  |  |  |  |  | *3* | *Prac.* |
| Basic of Plant PhysiologyDr. Veres Szilvia |  | *2/30L**1/15P* |  |  |  |  |  |  | *3* | *Coll.* |
| Soil ScienceDr. Kátai János |  | *2/30L**1/15P* |  |  |  |  |  |  | *3* | *Coll.* |
| Water Management I.Dr. Juhász Csaba |  | *2/30L**1/15P* |  |  |  |  |  |  | *4* | *Coll.* |
| Agricultural FundamentalsNovotniné Dr. Dankó Gabriella |  | *2/30P* |  |  |  |  |  |  | *3* | *Coll.* |
| Environmental managementDr. 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.* |
| AgrochemistryBalláné Dr. Kovács AndreaErdeiné dr. Kremper Rita |  |  | *2/30L**1/15P* |  |  |  |  |  | *3* | *Coll.* |
| AgroecologyDr. 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 animalsDr. 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.* |
| StatisticsDr. Balogh Péter |  |  |  |  | *1/15L**1/15P* |  |  |  | *3* | *Prac.* |
| Regulation and Administration of AgricultureDr. Andorkó Imre |  |  |  |  |  | *2/30L* |  |  | *3* | *Coll.* |
| Animals HealthDr. Vass Nóra |  |  |  |  |  | *1/15L**1/15P* |  |  | *2* | *Prac.* |
| Food TechnologiesDr. Sipos Péter |  |  |  |  |  | *2/30L**1/15P* |  |  | *3* | *Prac.* |
| Quality Management SystemDr. Peles Ferenc |  |  |  |  |  | *2/30L* |  |  | *2* | *Coll.* |
| Farm business managementDr Felföldi János  |  |  |  |  |  | *2/30L* |  |  | *2* | *Coll.* |
| Forest and game managementDr. Rédei Károly |  |  |  |  |  | *2/30L**1/15P* |  |  | *5* | *Coll.* |
| Grassland managementDr. Nagy Géza |  |  |  |  |  | *1/15L**1/15P* |  |  | *2* | *Prac.* |
| Integrated Plant PortectionDr. 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 JánosDr. Dóka Lajos Fülöp | *40P* |  |  |  |  |  |  |  | *0* | *S.* |
| Agricultural Practice II.Dr. Posta JánosDr. Dóka Lajos Fülöp |  | *40P* |  |  |  |  |  |  | *0* | *S* |
| Agricultural practice III.Dr. Posta LászlóDr. Dóka Lajos Fülöp |  |  | *40P* |  |  |  |  |  | *0* | *S.* |
| Agricultural practice IV.Dr. Posta JánosDr. Dóka Lajos Fülöp |  |  |  | *40P* |  |  |  |  | *0* | *S.* |
| Agricultural practice V.Dr. Posta LászlóDr. 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 PatologyDr. Kövics György |  |  |  | *1/15L**1/15P* |  |  |  |  | *3* | *Prac.* |
| Agricultural entomologyDr. 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***  |
| EtologyNovotniné Dr. Dankó Gabriella |  |  |  |  | *1/15L* |  |  |  | *1* | *Coll.* |
| Forcing and early vegetable production Takácsné Dr. Hájos Mária |  |  |  |  | *2/30L* |  |  |  | *4* | *Coll.* |
| Lake economical husbandry technologiesDr. Bársony Péter |  |  |  |  |  | *2/30L* |  |  | *2* | *Coll.* |
| Qalification of animal productsDr. Rózsáné Dr. Várszegi Zsófia |  |  |  |  |  | *2/30L* |  |  | *2* | *Coll.* |
| Soil ecologyDr. Kátai János |  |  | *2/30L**1/15P* |  |  |  |  |  | *4* | *Coll.* |
| Irrigated farmingDr. Csajbók József |  |  |  | *2/30L* |  |  |  |  | *2* | *Coll.* |
| Plant nutrition management Dr. Pepó Péter |  |  |  |  | *2/30L* |  |  |  | *2* | *Coll.* |
| Medicinal Plants and Spice Crops ProductionDr. Kutasy Erika |  |  |  | *2/30L* |  |  |  |  | *2* | *Coll.* |
| Operations managementDr. 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)