## Műszaki szakoktató szak - levelező tagozat

| Kód | Tantárgyak | Félévi óra | Kredit | Félévek | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Előtanulmányok (rövid kóddal) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 1. | | | | | 2. | | | | | 3. | | | | | 4. | | | | | 5. | | | | | 6. | | | | | | | | | | |
| | | | | ea | tgy | l | k | kr | ea | tgy | l | k | kr | ea | tgy | l | k | kr | ea | tgy | l | k | kr | ea | tgy | l | k | kr | ea | tgy | l | k | kr | ea | tgy | l | k | kr | |
| | **Természettudományi alapismeretek** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NMSMA11NLK | Matematika I. | 16 | 4 | 8 | 8 | 0 | f | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NMSMA22NLK | Matematika II. | 24 | 6 | | | | | | 12 | 12 | 0 | v | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NMSMA31NLK | Matematika III. | 16 | 4 | | | | | | | | | | | 8 | 8 | 0 | v | 4 | | | | | | | | | | | | | | | | | | | | | |
| BGBMF11NLK | Műszaki fizika I. | 16 | 5 | 8 | 0 | 8 | v | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BFBMF22NLK | Műszaki fizika II. | 16 | 5 | | | | | | 8 | 0 | 8 | v | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NMSST11NLK | Számítástechnika | 16 | 6 | 8 | 0 | 8 | f | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Összesen: | 104 | 30 | 24 | 8 | 16 | | 15 | 20 | 12 | 8 | | 11 | 8 | 8 | 0 | | 4 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | | 0 | | | | | | |
| | **Gazdasági és humán ismeretek** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| KSVVG11NLK | Vállalkozás-gazdaságtan | 8 | 2 | 8 | 0 | 0 | v | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| KSVKV11NLK | Kötelezően választható | 8 | 2 | | | | | | | | | | | | | | | | | | | | | 8 | 0 | 0 | v | 2 | | | | | | | | | | |
| | Összesen: | 16 | 4 | 8 | 0 | 0 | | 2 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | | 0 | 8 | 0 | 0 | | 2 | 0 | 0 | 0 | | 0 | | | | | | |
| | **Szakmai törzsanyag** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BGBÁG11NLK | Ágazati műszaki ism. I. | 12 | 4 | 8 | 4 | 0 | v | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NMSÁG22NLK | Ágazati műszaki ism. II. | 16 | 4 | | | | | | 8 | 0 | 8 | f | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BGBSI11NLK | Szakmai ismeretek I. | 16 | 3 | 8 | 8 | 0 | f | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BGBSI22NLK | Szakmai ismeretek II. | 12 | 4 | | | | | | 8 | 0 | 4 | v | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BAGSI31NLK | Szakmai ismeretek III. | 16 | 5 | | | | | | | | | | | 8 | 8 | 0 | v | 5 | | | | | | | | | | | | | | | | | | | | | |
| BAGSI42NLK | Szakmai ismeretek IV. | 16 | 6 | | | | | | | | | | | | | | | | 8 | 8 | 0 | v | 6 | | | | | | | | | | | | | | | | |
| BAGSI52NLK | Szakmai ismeretek V. | 16 | 4 | | | | | | | | | | | | | | | | 8 | 0 | 8 | f | 4 | | | | | | | | | | | | | | | | |
| | Összesen: | 104 | 30 | 16 | 12 | 0 | | 7 | 16 | 0 | 12 | | 8 | 8 | 8 | 0 | | 5 | 16 | 8 | 8 | | 10 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | | 0 | | | | | | |
| | **Differenciált szakmai ismeretek** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BGRDS11NLK | Diff. szakmai ismeretek I. | 16 | 5 | | | | | | | | | | | 8 | 0 | 8 | f | 5 | | | | | | | | | | | | | | | | | | | | | |
| BGRDS22NLK | Diff. szakmai ismeretek II. | 12 | 3 | | | | | | | | | | | | | | | | 8 | 0 | 4 | f | 3 | | | | | | | | | | | | | | | | |
| BGRDS31NLK | Diff. szakmai ismeretek III. | 12 | 3 | | | | | | | | | | | | | | | | | | | | | 8 | 0 | 4 | f | 3 | | | | | | | | | | |
| | Összesen | 40 | 11 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | | 0 | 8 | 0 | 8 | | 5 | 8 | 0 | 4 | | 3 | 8 | 0 | 4 | | 3 | 0 | 0 | 0 | | 0 | | | | | | |
| | **Pszichológia és pedagógia** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BMPPS12NLK | Pszichológia I. | 12 | 3 | | | | | | 8 | 4 | 0 | v | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BMPPS21NLK | Pszichológia II. | 12 | 3 | | | | | | | | | | | 8 | 4 | 0 | v | 3 | | | | | | | | | | | | | | | | | | | | | PS1 |
| BMPKO11NLK | Kommunikáció | 16 | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | 8 | 8 | 0 | v | 4 | | | | | | |
| BMPNT11NLK | Neveléstan I. | 8 | 2 | | | | | | | | | | | 8 | 0 | 0 | v | 2 | | | | | | | | | | | | | | | | | | | | | |
| BMPNT22NLK | Neveléstan II. | 8 | 2 | | | | | | | | | | | | | | | | 4 | 4 | 0 | v | 2 | | | | | | | | | | | | | | | | NT1 |
| BMPDI11NLK | Didaktika I. | 12 | 2 | | | | | | | | | | | 8 | 0 | 4 | v | 2 | | | | | | | | | | | | | | | | | | | | | |
| BMPDI22NLK | Didaktika II. | 12 | 2 | | | | | | | | | | | | | | | | 8 | 0 | 4 | f | 2 | | | | | | | | | | | | | | | | DI1 |
| BMPPPS2NLK | Pszich.-ped. komplex szig. | 0 | 2 | | | | | | | | | | | | | | | | 0 | 0 | 0 | s | 2 | | | | | | | | | | | | | | | | PS2, NT2, DI2 |
| BMPNI11NLK | Nevelés- és iparokt. tört. | 12 | 2 | | | | | | | | | | | | | | | | | | | | | 8 | 4 | 0 | v | 2 | | | | | | | | | | | |
| BMPJI12NLK | Jogi és isk. szerv. ism. | 8 | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | 8 | 0 | 0 | v | 2 | | | | | | |
| | Összesen: | 100 | 24 | 0 | 0 | 0 | | 0 | 8 | 4 | 0 | | 3 | 24 | 4 | 4 | | 7 | 12 | 4 | 4 | | 6 | 8 | 4 | 0 | | 2 | 16 | 8 | 0 | | 6 | | | | | | |
| | **Szakmódszertanok** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BMPOT12NLK | Oktatástechnológia | 8 | 3 | | | | | | | | | | | | | | | | | 4 | 0 | 4 | f | 3 | | | | | | | | | | | | | | | |
| BMPSM11NLK | Szakmai gyak. okt. módsz. I. | 12 | 4 | | | | | | | | | | | | | | | | | | | | | 8 | 4 | 0 | v | 4 | | | | | | | | | | | |
| BMPSM22NLK | Szakmai gyak. okt. módsz. II. | 12 | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | 8 | 0 | 4 | v | 4 | | | | | | |
| BMPSM32NLK | Szakmai gyak. okt. módsz. III. | 12 | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | 8 | 0 | 4 | v | 4 | | | | | | |
| | Összesen: | 44 | 15 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | | 0 | 4 | 0 | 4 | | 3 | 8 | 4 | 0 | | 4 | 16 | 0 | 8 | | 8 | | | | | | |
| | **Iskolai gyakorlatok** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BMPPG12NLK | Pedagógiai gyakorlat I. | 8 | 2 | | | | | | | | | | | | | | | | 0 | 0 | 8 | f | 2 | | | | | | | | | | | | | | | | PS2 |
| BMPPG21NLK | Pedagógiai gyakorlat II. | 8 | 2 | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 8 | f | 2 | | | | | | | | | | | PS2 |
| BMPTG11NLK | Tanítási gyakorlat I. | 16 | 4 | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 16 | f | 4 | | | | | | | | | | | DI2, OT |
| BMPTG22NLK | Tanítási gyakorlat II. | 16 | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 16 | v | 6 | | | | | | DI2, OT |
| | Összesen: | 48 | 14 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 8 | | 2 | 0 | 0 | 24 | | 6 | 0 | 0 | 16 | | 6 | | | | | | |
| | **Kötelezően választható** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BAGKV11NLK | Köt. vál. I. (műszaki) | 8 | 4 | 4 | 0 | 4 | v | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BAGKV22NLK | Köt. vál. II. (műszaki) | 8 | 4 | | | | | | 4 | 0 | 4 | v | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BAGKV31NLK | Köt. vál. III. (műszaki) | 8 | 3 | | | | | | | | | | | 4 | 0 | 4 | f | 3 | | | | | | | | | | | | | | | | | | | | | |
| BMPKV42NLK | Köt. vál. IV. (pedagógiai) | 8 | 3 | | | | | | | | | | | | | | | | 4 | 4 | 0 | v | 3 | | | | | | | | | | | | | | | | |
| BMPKV51NLK | Köt. vál. V. (pedagógiai) | 8 | 3 | | | | | | | | | | | | | | | | | | | | | 4 | 0 | 4 | v | 3 | | | | | | | | | | | |
| BMPKV62NLK | Köt. vál. VI. (pedagógiai) | 8 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 0 | 4 | f | 3 | | | | | | |
| | Összesen: | 48 | 20 | 4 | 0 | 4 | | 4 | 4 | 0 | 4 | | 4 | 4 | 0 | 4 | | 3 | 4 | 4 | 0 | | 3 | 4 | 0 | 4 | | 3 | 4 | 0 | 4 | | 3 | | | | | | |
| | **Szabadon választható** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BGRSV11NLK | Szabadon választható I. | 8 | 4 | 4 | 4 | 0 | f | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BGRSV22NLK | Szabadon választható II. | 8 | 2 | | | | | | 4 | 4 | 0 | f | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BAGSV31NLK | Szabadon választható III. | 8 | 3 | | | | | | | | | | | 4 | 0 | 4 | f | 3 | | | | | | | | | | | | | | | | | | | | | |
| BAGSV42NLK | Szabadon választható IV. | 8 | 4 | | | | | | | | | | | | | | | | 4 | 0 | 4 | v | 4 | | | | | | | | | | | | | | | | |
| BMPSV51NLK | Szabadon választható V. | 8 | 2 | | | | | | | | | | | | | | | | | | | | | 4 | 4 | 0 | v | 2 | | | | | | | | | | | |
| BMPSV62NLK | Szabadon választható VI. | 8 | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 4 | 0 | f | 2 | | | | | | |
| | Összesen: | 48 | 17 | 4 | 4 | 0 | | 4 | 4 | 4 | 0 | | 2 | 4 | 0 | 4 | | 3 | 4 | 0 | 4 | | 4 | 4 | 4 | 0 | | 2 | 4 | 4 | 0 | | 2 | | | | | | |
| | **Szakdolgozat** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BMPSD11NLK | Szakdolgozat I. | 4 | 5 | | | | | | | | | | | | | | | | | | | | | 0 | 4 | 0 | f | 5 | | | | | | | | | | | |
| BMPSD22NLK | Szakdolgozat II. | 4 | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 4 | 0 | f | 10 | | | | | | |
| | Összesen: | 8 | 15 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | | 0 | 0 | 4 | 0 | | 5 | 0 | 4 | 0 | | 10 | | | | | | |
| | **Mindösszesen:** | 560 | 180 | 56 | 24 | 20 | | 32 | 52 | 20 | 24 | | 28 | 56 | 20 | 20 | | 27 | 48 | 16 | 32 | | 31 | 40 | 16 | 32 | | 27 | 40 | 16 | 28 | | 35 | | | | | | |
| | Szigorlat (s) | 1 | | | | | 0 | | | | | 0 | | | | | 0 | | | | | 1 | | | | | 0 | | | | | 0 | | | | | | |
| | Vizsga (v) | 28 | | | | | 4 | | | | | 5 | | | | | 5 | | | | | 4 | | | | | 5 | | | | | 5 | | | | | | |
| | Félévközi jegy (f) | 21 | | | | | 4 | | | | | 2 | | | | | 3 | | | | | 5 | | | | | 4 | | | | | 3 | | | | | | |

A szakirányok jelölése eltérő tantárgyi tartalom esetén a tantárgykód végén jelenik meg
(gépész: G, könnyűipari K, informatikai: I, menedzser: M, villamos: V). félévi óraszámokkal (ea/tgy/l);
követelménnyekkel (k); kreditekkel (kr)