**Bakalaura profesionālo studiju plāns programmai NBCS0 ”Siltuma, gāzes un ūdens tehnoloģija”(uzņemšana ar 2017./2018.akad.g.)**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **MP**  **šifrs** | | **Mācību priekšmeti** | | **Semestri** | | | | | | | | | | | | | | | | **Pārbaudes veids, lab. darbi** | |
| **1** | | **2** | | **3** | | **4** | **5** | **6** | | **7** | **8** | **9** | **10** | **11** | **12** |  | |
|  | **Obligātie studiju priekšmeti - 140 KP** | | | | | **Kredītpunkti** | | | | | | | | | | | | | | | | | |
|  |  | | | | | **15** | | **14** | | **15** | | **16** | **14** | **16** | | **18** | **18** | **18** | **18** | **18** | **20** |  | |
| 1. | DDM101 | | Matemātika | | | 5 | | 4 | |  | |  |  |  | |  |  |  |  |  |  | E, E | |
| 2. | MFB101 | | Fizika | | | 3 | | 3 | |  | |  |  |  | |  |  |  |  |  |  | lab.,E,lab.,E | |
| 3. | BSG362 | | Ievads siltuma,gāzes un ūdens tehnoloģijā | | | 2 | |  | |  | |  |  |  | |  |  |  |  |  |  | I | |
| 4. | BBM101 | | Datormācība (pamatkurss) | | | 3 | |  | |  | |  |  |  | |  |  |  |  |  |  | lab.,I | |
| 5. | BTG131 | | Tēlotāja ģeometrija un inženiergrafika | | | 2 | |  | |  | |  |  |  | |  |  |  |  |  |  | lab.,E | |
| 6. | ICA301 | | Civilā aizsardzība | | |  | | 1 | |  | |  |  |  | |  |  |  |  |  |  | lab.,I | |
| 7. | HPS120 | | Saskarsmes pamati | | |  | | 2 | |  | |  |  |  | |  |  |  |  |  |  | I | |
| 8. | ĶVĶ115 | | Inženierķīmija | | |  | | 2 | |  | |  |  |  | |  |  |  |  |  |  | lab.,I | |
| 9. | BBM103 | | Datormācība (speckurss būvniekiem) | | |  | | 2 | |  | |  |  |  | |  |  |  |  |  |  | lab.,I | |
| 10. | MMP226 | | Materiālu pretestība (būvniecībā)[1/2] | | |  | |  | | 2 | |  |  |  | |  |  |  |  |  |  | E | |
| 11. | MTM241 | | Teorētiskā mehānika(būvniecībā) | | |  | |  | | 3 | |  |  |  | |  |  |  |  |  |  | E | |
| 12. | EEE226 | | Elektrotehnika un elektronika | | |  | |  | | 2 | |  |  |  | |  |  |  |  |  |  | lab.,E | |
| 13. | BŪK313 | | Plūsmas mehānika | | |  | |  | | 4 | |  |  |  | |  |  |  |  |  |  | lab.,E | |
| 14. | DIM203 | | Matemātikas papildnodaļas (būvniecībā) | | |  | |  | | 4 | |  |  |  | |  |  |  |  |  |  | E | |
| 15. | IET105 | | Ekonomika | | |  | |  | |  | | 3 |  |  | |  |  |  |  |  |  | E | |
| 16. | BMT251 | | Būvmateriāli (pamatkurss) | | |  | |  | |  | | 3 |  |  | |  |  |  |  |  |  | lab.,E | |
| 17. | BŪK315 | | Sūkņi,ventilatori,kompresori | | |  | |  | |  | | 4 |  |  | |  |  |  |  |  |  | lab.,E | |
| 18. | MMP226 | | Materiālu pretestība (būvniecībā) [2/2] | | |  | |  | |  | | 2 |  |  | |  |  |  |  |  |  | E | |
| 19. | ĶVT352 | | Inženiersistēmu ūdens ķīmija | | |  | |  | |  | | 2 |  |  | |  |  |  |  |  |  | E | |
| 20. | MSE202 | | Tehniskā termodinamika | | |  | |  | |  | | 2 |  |  | |  |  |  |  |  |  | E | |
| 21. | BSG359 | | Apkure | | |  | |  | |  | |  | 4 |  | |  |  |  |  |  |  | E | |
| 22. | BŪK314 | | Hidrodinamika un aerodinamika | | |  | |  | |  | |  | 4 |  | |  |  |  |  |  |  | lab.,E | |
| 23. | BSG361 | | Būvniecības siltumfizika | | |  | |  | |  | |  | 4 |  | |  |  |  |  |  |  | E | |
| 24. | BTG502 | | Inženierkomunikāciju datorgrafika [1/2] | | |  | |  | |  | |  |  | 2 | |  |  |  |  |  |  | E | |
| 25. | BTG502 | | Inženierkomunikāciju datorgrafika [2/2] | | |  | |  | |  | |  |  | 4 | |  |  |  |  |  |  | lab.,E | |
| 26. | BSG367 | | Siltumapgāde (studiju projekts) | | |  | |  | |  | |  |  | 2 | |  |  |  |  |  |  | D | |
| 27. | BSG305 | | Siltumapgāde | | |  | |  | |  | |  |  | 4 | |  |  |  |  |  |  | lab.,E | |
| 28. | BBM212 | | Ievads būvmehānikā | | |  | |  | |  | |  |  | 2 | |  |  |  |  |  |  | E | |
| 29. | BSG325 | | Aukstumapgāde | | |  | |  | |  | |  |  |  | | 3 |  |  |  |  |  | E | |
| 30. | BĢE296 | | Ģeodēzija | | |  | |  | |  | |  |  |  | | 3 |  |  |  |  |  | lab.,E | |
| 31. | ĶNF288 | | Vides inženierzinību pamati | | |  | |  | |  | |  |  |  | | 2 |  |  |  |  |  | E | |
| 33. | BSG366 | | Gāzapgāde (studiju projekts) | | |  | |  | |  | |  |  |  | | 2 |  |  |  |  |  | D | |
| 34. | BSG306 | | Gāzes apgāde | | |  | |  | |  | |  |  |  | | 4 |  |  |  |  |  | lab.,E | |
| 35. | BŪK316 | | Inženiersistēmu mikrobioloģija | | |  | |  | |  | |  |  |  | |  | 2 |  |  |  |  | lab.,E | |
| 36. | BSG402 | | Ventilācija | | |  | |  | |  | |  |  |  | |  | 2 |  |  |  |  | E | |
| 37. | BŪK327 | | Dabas ūdens apstrāde | | |  | |  | |  | |  |  |  | |  | 4 |  |  |  |  | lab.,E | |
| 38. | BĢE298 | | Ģeodēzijas praktikums | | |  | |  | |  | |  |  |  | |  | 2 |  |  |  |  | D | |
| 39. | BŪK323 | | Ūdensapgāde (studiju projekts) | | |  | |  | |  | |  |  |  | |  | 2 |  |  |  |  | D | |
| 40. | BŪK329 | | Ūdensapgāde | | |  | |  | |  | |  |  |  | |  | 4 |  |  |  |  | E | |
| 43. | DIM401 | | Inženiermatemātika | | |  | |  | |  | |  |  |  | |  |  | 2 |  |  |  | lab.,E | |
| 43. | BSG358 | | Inženiersistēmu automātika | | |  | |  | |  | |  |  |  | |  |  | 4 |  |  |  | E | |
| 44. | BSG352 | | Gaisa kondicionēšana | | |  | |  | |  | |  |  |  | |  |  | 4 |  |  |  | E | |
| 45. | BŪK328 | | Notekūdeņu novadīšana (studiju projekts) | | |  | |  | |  | |  |  |  | |  |  | 2 |  |  |  | D | |
| 46. | BŪK310 | | Notekūdeņu novadīšana | | |  | |  | |  | |  |  |  | |  |  | 4 |  |  |  | lab.,E | |
| 47. | BSG440 | | Ēku inženiersistēmu projektu tehniski-ekonomiskā novērtēšana | | |  | |  | |  | |  |  |  | |  |  |  | 2 |  |  | E | |
| 48. | BSG424 | | Ēku inženiersistēmu apsekošana un pārbaudes | | |  | |  | |  | |  |  |  | |  |  |  | 2 |  |  | E | |
| 49. | IDA700 | | Darba aizsardzības pamati | | |  | |  | |  | |  |  |  | |  |  |  |  | 1 |  | I | |
| 50. | IDA419 | | Darba aizsardzība | | |  | |  | |  | |  |  |  | |  |  |  |  | 1 |  | I | |
| 51. | BSG360 | | Zinātnisko pētījumu ievadkurss | | |  | |  | |  | |  |  |  | |  |  |  |  | 2 |  | I | |
|  |  | | | | | **Semestri** | | | | | | | | | | | | | | | |  | |
|  |  | | |  | | 1 | | 2 | | 3 | | 4 | 5 | 6 | | 7 | 8 | 9 | 10 | 11 | 12 |  | |
|  |
|  | **Specializējošie priekšmeti - 8 KP** | | | | | | | | | | | | | | | | | | | | | | |
|  | **Specializējošie priekšmeti – KP semestrī** | | | | | |  | |  | |  |  |  | |  |  |  |  |  | **8** |  | | **Pārbaudes** **veids** |
| 1. |  | BŪK320 | | | Notekūdeņu attīrīšana | |  | |  | |  |  |  | |  |  |  |  |  | 4 |  | | lab.,E |
| 2. |  | BSG453 | | | Inženiersistēmu apkope un ekspluatācija | |  | |  | |  |  |  | |  |  |  |  |  | 4 |  | | E |
| 3. |  | BŪK326 | | | Ēku iekšējās sanitārtehniskās iekārtas | |  | |  | |  |  |  | |  |  |  |  |  | 4 |  | | E |
| 4. |  | BSG356 | | | Gaisa attīrīšana | |  | |  | |  |  |  | |  |  |  |  |  | 2 |  | | I |
| 5. |  | BSG354 | | | Alternatīvie enerģijas avoti ēku siltumapgādei | |  | |  | |  |  |  | |  |  |  |  |  | 4 |  | | E |
| 6. |  | BSG355 | | | Siltuma avoti ēku apkurei | |  | |  | |  |  |  | |  |  |  |  |  | 4 |  | | E |
| 7. |  | BSG364 | | | Gāzapgādes sistēmas | |  | |  | |  |  |  | |  |  |  |  |  | 4 |  | | lab.,E |
| 8. |  | BSG404 | | | Centralizētā siltumapgāde [1/2] | |  | |  | |  |  |  | |  |  |  |  |  | 2 |  | | E |
| 9. |  | BSG404 | | | Centralizētā siltumapgāde [2/2] | |  | |  | |  |  |  | |  |  |  |  |  | 2 |  | | lab.,E |
| 10. |  | BSG357 | | | Pilsētu inženiersistēmu plānošana | |  | |  | |  |  |  | |  |  |  |  |  | 2 |  | | I |
| 11. |  | BSG365 | | | Inženiersistēmas mazstāvu apbūvei | |  | |  | |  |  |  | |  |  |  |  |  | 4 |  | | E |
| 12. |  | BSG353 | | | Santehnisko būvdarbu tehnoloģija | |  | |  | |  |  |  | |  |  |  |  |  | 4 |  | | E |
| 13. |  | BŪK324 | | | Atkritumu apsaimniekošana | |  | |  | |  |  |  | |  |  |  |  |  | 2 |  | | I |
| 14. |  | BŪK506 | | | Nogulšņu apstrāde | |  | |  | |  |  |  | |  |  |  |  |  | 2 |  | | I |
| 15. |  | BSG700 | | | Modernās nulles enerģijas ēkas | |  | |  | |  |  |  | |  |  |  |  |  | 4 |  | | E |
|  | **Valodas - 4KP** | | | | | |  | | | | | | | | | | | | | | | | |
| 1. |  | VIA120 | | | Angļu valoda | |  | |  | |  |  | 2 | | 2 |  |  |  |  |  |  | | E, E |
| 2. |  | VIV120 | | | Vācu valoda | |  | |  | |  |  | 2 | | 2 |  |  |  |  |  |  | | E, E |
|  | **Humanitārie un sociālie priekšmeti - 4KP** | | | | | |  | |  | |  |  |  | |  |  |  |  | 4 |  |  | |  |
| 1. |  | IUE217 | | | Uzņēmējdarbības ekonomika | |  | |  | |  |  |  | |  |  |  |  | 2 |  |  | | E |
| 2. |  | HFL433 | | | Prezentācijas prasme | |  | |  | |  |  |  | |  |  |  |  | 2 |  |  | | I |
| 3. |  | IBO359 | | | Būvfirmas vadīšana | |  | |  | |  |  |  | |  |  |  |  | 2 |  |  | | I |
| 4. |  | IBO426 | | | Būvniecības plānošana un organizēšana | |  | |  | |  |  |  | |  |  |  |  | 2 |  |  | | E |
| 5. |  | HSP375 | | | Vadības socioloģija | |  | |  | |  |  |  | |  |  |  |  | 2 |  |  | | I |
| 6. |  | HFL330 | | | Lietišķā etiķete | |  | |  | |  |  |  | |  |  |  |  | 2 |  |  | | I |
| 7. |  | HSP488 | | | Biznesa socioloģija | |  | |  | |  |  |  | |  |  |  |  | 2 |  |  | | I |
| 8. |  | HSP380 | | | Apvienotā Eiropa un Latvija | |  | |  | |  |  |  | |  |  |  |  | 2 |  |  | | I |
|  | **Brīvās izvēles priekšmeti - 6 KP** | | | | | |  | |  | |  |  |  | |  |  |  |  | 6 |  |  | |  |
| 1. | VIL164 | | | | Latviešu valoda neklātienes studentiem | | 1 | | 1 | | 1 |  |  | |  |  |  |  |  |  |  | | E,E,E |
|  | **Specializējošā prakse - 26 KP** | | | | | |  | |  | |  |  |  | |  |  |  |  |  |  |  | |  |
|  | BŪK013 | | | | Specializējošā prakse(KP semestrī) | |  | |  | |  |  |  | |  | 4 | 2 | 2 | 4 | 6 | 8 | | D,D,D,D,D,D |
|  | BSG013 | | | | Specializējošā prakse(KP semestrī) | |  | |  | |  |  |  | |  | 4 | 2 | 2 | 4 | 6 | 8 | | D,D,D,D,D,D |
|  | **Gala/valsts pārbaudījums- 12 KP** | | | | | |  | |  | |  |  |  | |  |  |  |  |  |  |  | |  |
|  | BSG012 | | | | Bakalaura darbs ar projekta daļu | |  | |  | |  |  |  | |  |  |  |  |  |  | 12 | | D |
|  | BŪK012 | | | | Bakalaura darbs ar projekta daļu | |  | |  | |  |  |  | |  |  |  |  |  |  | 12 | | D |

**Kopā: 200 KP**