

CURRICULUM OF STUDY PROGRAMME SANITARY ENGINEERING

Title: Bachelor of Sanitary Engineering (240 ECTS)

| ORD NO. | SUBJECT TITLE | Semesters and teaching form | | | | | | | | ECTS | | | | | | | | |
|------------------------------|--|--------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|
| | | I | | II | | III | | IV | | | V | | VI | | VII | | VIII | |
| | | T | P | T | P | T | P | T | P | | T | P | T | P | T | P | T | P |
| 1. | Communicology | 2 | - | | | | | | | | | | | | | | | 2,5 |
| 2. | Social medicine | 3 | 1 | | | | | | | | | | | | | | | 5 |
| 3. | Physiology | 2 | 1 | | | | | | | | | | | | | | | 4 |
| 4. | Chemistry I | 2 | 3 | | | | | | | | | | | | | | | 6 |
| 5. | Physical education with hygiene | 2 | 2 | | | | | | | | | | | | | | | 5 |
| 6. | Epidemiology and infectious diseases | 3 | 3 | - | - | 3 | 3 | | | | | | | | | | | 7,5 |
| TOTAL I SEMESTER | | 14 | 10 | | | | | | | | | | | | | | | 30 |
| 7. | Chemistry II | | | 2 | 1 | | | | | | | | | | | | | 4,5 |
| 8. | Sanitary chemistry | | | 3 | 3 | | | | | | | | | | | | | 9 |
| 9. | Sanitary microbiology | | | 2 | 3 | | | | | | | | | | | | | 7,5 |
| TOTAL II SEMESTER | | | | 10 | 10 | | | | | | | | | | | | | 30 |
| 10. | Sanitary techniques | | | | | 3 | 3 | | | | | | | | | | | 8 |
| 11. | Protection at work | | | | | 3 | 3 | | | | | | | | | | | 8 |
| 12. | Medical ecology Disinfection, desinsection and deratization | | | | | 2 | 3 | 2 | 4 | | | | | | | | | 6 |
| 13. | Health laws and regulation Sanitary techniques | | | | | 2 | 3 | 2 | 4 | | | | | | | | | 6 |
| 14. | Protection at work | | | | | 2 | - | | | | | | | | | | | 2 |
| TOTAL III SEMESTER | | | | | | 12 | 12 | | | | | | | | | | | 30 |
| 15. | Work medicine | | | | | | | 3 | 3 | | | | | | | | | 9 |
| TOTAL IV SEMESTER | | | | | | | | 9 | 11 | | | | | | | | | 30 |
| 16. | Mental hygiene | | | | | | | | | 2 | 2 | | | | | | | 6 |
| 17. | Methodology of sanitary and ecological supervision- | | | | | | | | | 3 | 4 | | | | | | | 11 |
| 18. | Communal hygiene | | | | | | | | | 3 | 3 | | | | | | | 9 |
| TOTAL V SEMESTER | | | | | | | | | | 11 | 9 | | | | | | | 30 |
| 19. | Nutrition hygiene | | | | | | | | | | | 2 | 3 | | | | | 7 |
| 20. | Biomedical informatics | | | | | | | | | | | 2 | 2 | | | | | 6 |
| 21. | Nutrition technologies and food control | | | | | | | | | | | 2 | 2 | | | | | 6 |
| 22. | Professional practice | | | | | | | | | | | 2 | 6 | | | | | 11 |
| TOTAL VI SEMESTER | | | | | | | | | | | | 8 | 13 | | | | | 30 |
| 23. | Statistics with methodology of scientific research | | | | | | | | | | | | | 2 | 2 | | | 6 |
| 24. | Functional food | | | | | | | | | | | | | 2 | 3 | | | 7 |
| 25. | Food additives and contaminants | | | | | | | | | | | | | 2 | 2 | | | 6 |
| 26. | Ecotoxicology | | | | | | | | | | | | | 2 | 2 | | | 6 |
| 27. | Organization of health service | | | | | | | | | | | | | 2 | 1 | | | 5 |
| TOTAL VII SEMESTER | | | | | | | | | | | | | | 10 | 10 | | | 30 |
| 28. | Molecular biology techniques in sanitary microbiology | | | | | | | | | | | | | | | 2 | 2 | 5 |
| 29. | Sanitary care and legal regulations | | | | | | | | | | | | | | | 2 | 1 | 5 |
| 30. | Final thesis | | | | | | | | | | | | | | | - | 9 | 15 |
| TOTAL VIII SEMESTER | | | | | | | | | | | | | | | | 6 | 14 | 30 |
| ELECTIVE SUBJECTS I | | | | | | | | | | | | | | | | | | |
| 1. | English language | | | | | | | 2 | - | | | | | | | | | 3 |
| 2. | Analysis control and air protection | | | | | | | 2 | - | | | | | | | | | |
| ELECTIVE SUBJECTS II | | | | | | | | | | | | | | | | | | |
| 1. | Basics of technology and preservation of food | | | | | | | | | 3 | - | | | | | | | 4 |
| 2. | Physico-chemical analysis of food and water | | | | | | | | | 3 | - | | | | | | | |
| ELECTIVE SUBJECTS III | | | | | | | | | | | | | | | | | | |
| 1. | Introduction to management | | | | | | | | | | | | | | | 2 | 2 | 5 |
| 2. | Sports and wellness | | | | | | | | | | | | | | | 2 | 2 | |
| TOTAL | | 24 | | 20 | | 24 | | 20 | | 20 | | 21 | | 20 | | 20 | | 240 |