

Standard Master program in Biology (Hydrobiology)

(Dated October 29th, 2015)

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| The total minimum required number of credits: | 64 credits |
| - General courses (required): | 07 credits |
| - Fundamental and core courses: | 39 credits |
| + Required: | 18 credits |
| + Elective: | 21/42 credits |
| - Master thesis: | 18 credits |

Available curriculum

| No | Code | Subjects | Credits | Credit hours | | | Prerequisite |
|-----------------------|-------------------------------------|--------------------------------------|--------------|--------------|----------|------------|---------------------|
| | | | | Lecture | Practice | Self-study | |
| I | General courses | | 7 | | | | |
| 1. | PHI5001 | <i>Philosophy</i> | 3 | 30 | 15 | | |
| 2. | ENG5001 | <i>General English</i> | 4 | 30 | 30 | | |
| II | Fundamental and core courses | | 39 | | | | |
| II.1. Required | | | 18 | | | | |
| 3. | ENG6001 | <i>English for Academic Purposes</i> | 3 | | | | |
| 4. | BIO6001 | <i>Biosystematics</i> | 3 | 30 | | 15 | |
| 5. | BIO6002 | <i>Molecular Cell Biology</i> | 3 | 30 | | 15 | |
| 6. | BIO6062 | <i>Biodiversity and conservation</i> | 3 | 30 | | 15 | BIO6001, BIO6002 |
| 7. | BIO6035 | <i>Freshwater Organisms</i> | 3 | 30 | | 15 | BIO6001, BIO6002 |
| 8. | BIO6036 | <i>Marine Organisms</i> | 3 | 30 | | 15 | BIO6001, BIO6002 |
| II.2. Elective | | | 21/42 | | | | |

| No | Code | Subjects | Credits | Credit hours | | | Prerequisite |
|--------------|----------------------|--|-----------|--------------|----------|------------|---------------------|
| | | | | Lecture | Practice | Self-study | |
| 9. | BIO6009 | <i>Population Ecology</i> | 3 | 30 | | 15 | BIO6001; BIO6002 |
| 10. | BIO6008 | <i>Forest Ecosystem</i> | 3 | 30 | | 15 | BIO6001; BIO6002 |
| 11. | BIO6010 | <i>Agroecosystem</i> | 3 | 30 | | 15 | BIO6001; BIO6002 |
| 12. | BIO6011 | <i>Aquatic Ecology</i> | 3 | 30 | | 15 | BIO6001; BIO6002 |
| 13. | BIO6075 | <i>Biological indicators of environmental conditions</i> | 3 | 30 | | 15 | BIO6001, BIO6002 |
| 14. | BIO6076 | <i>Wetlands</i> | 3 | 30 | | 15 | BIO6001, BIO6002 |
| 15. | BIO6077 | <i>Ecophysiological basis of hydrobiology</i> | 3 | 30 | | 15 | BIO6001, BIO6002 |
| 16. | BIO6078 | <i>Methods and Techniques in Hydrobiology</i> | 3 | 30 | | 15 | BIO6001, BIO6002 |
| 17. | BIO6025 | <i>Ichthyology</i> | 3 | 30 | | 15 | BIO6001, BIO6002 |
| 18. | BIO6037 | <i>Aquatic Invertebrate Fauna</i> | 3 | 30 | | 15 | BIO6001, BIO6002 |
| 19. | BIO6038 | <i>Aquatic Plants</i> | 3 | 30 | | 15 | BIO6001, BIO6002 |
| 20. | BIO6039 | <i>Biological Productivity of Waterbodies</i> | 3 | 30 | | 15 | BIO6001, BIO6002 |
| 21. | BIO6090 | <i>Aquatic microorganisms</i> | 3 | 30 | | 15 | BIO6001, BIO6002 |
| 22. | BIO6091 | <i>Rational exploitation and protection of fishery resources</i> | 3 | 30 | | 15 | BIO6001, BIO6002 |
| III | Master Thesis | | 18 | | | | |
| 23. | BIO7004 | <i>Master Thesis</i> | 18 | | | | |
| Total | | | 64 | | | | |