|   | _               |                       |  |                 |                |         |                      |                           | Year 1        |         | Year 2       |                 |                |                |      |  |
|---|-----------------|-----------------------|--|-----------------|----------------|---------|----------------------|---------------------------|---------------|---------|--------------|-----------------|----------------|----------------|------|--|
| Name  |                 | orms of               | interim as                               | ssessmen        | t              | Credits | Total academic hours |                           |               |         | Semest       | Semest          | Semest<br>er 3 | Semest<br>er 4 |      | Assigned department                              |
|   | Examin<br>ation | Pass/<br>fail<br>exam | Pass/<br>fail<br>exam<br>with a<br>grade | Term<br>project | Course<br>work | Fact    | As<br>sheduled       | Work<br>with a<br>teacher | Self<br>study | Control | er 1 Credits | er 2<br>Credits | Credits        | Credits        | Code | Name   |
| Unit 1.Disciplines (modules)                    |                 |                       |  |                 |                | 73      | 2628                 | 988.85                    | 1430.65       | 208.5   | 22           | 27              | 17             | 7              |      |  |
| Core part                                       |                 |                       |  |                 |                | 31      | 1116                 | 538.35                    | 473.4         | 104.25  | 12           | 12              | 7              |                |      |  |
| Digital technologies of professional activity   |                 |                       | 1  |                 |                | 5       | 180                  | 88.15                     | 91.85         |         | 5            |                 |                |                | 44   | Department of Water bioresources and aquaculture |
| Promising directions of aquaculture development |                 |                       | 1  |                 |                | 4       | 144                  | 70.15                     | 73.85         |         | 4            |                 |                |                | 44   | Department of Water bioresources and aquaculture |
| Fisheries and production hydrobiology           | 2               |                       |  |                 |                | 4       | 144                  | 54.25                     | 55            | 34.75   |              | 4               |                |                | 44   | Department of Water bioresources and aquaculture |
| Aquabiotechnology                               | 2               |                       |  |                 | 2              | 5       | 180                  | 92.25                     | 53            | 34.75   |              | 5               |                |                | 44   | Department of Water bioresources and aquaculture |
| Management of aquatic bioresources              | 3               |                       |  |                 | 3              | 7       | 252                  | 145.25                    | 72            | 34.75   |              |                 | 7              |                | 44   | Department of Water bioresources and aquaculture |
| World systems of fisheries research             |                 | 1                     |  |                 |                | 3       | 108                  | 53.15                     | 54.85         |         | 3            |                 |                |                | 44   | Department of Water bioresources and aquaculture |
| Elective module of professional development     |                 | 2                     |  |                 |                | 3       | 108                  | 35.15                     | 72.85         |         |              | 3               |                |                |      |  |
| Self-management and effective leadership        |                 | 2                     |  |                 |                | 3       | 108                  | 35.15                     | 72.85         |         |              | 3               |                |                | 52   | Department of Management                         |
| Professional foreign language                   |                 | 2                     |  |                 |                | 3       | 108                  | 35.15                     | 72.85         |         |              | 3               |                |                | 45   | Department of Foreign languages                  |
| Part formed by the educational process particip | ants            |                       |  |                 |                | 42      | 1512                 | 450.5                     | 957.25        | 104.25  | 10           | 15              | 10             | 7              |      |  |
| Research workshop                               |                 |                       | 234                                      |                 |                | 21      | 756                  | 108.45                    | 647.55        |         |              | 7               | 7              | 7              | 44   | Department of Water bioresources and aquaculture |
| Diseases of aquatic beasts                      | 1               |                       |  |                 |                | 4       | 144                  | 54.25                     | 55            | 34.75   | 4            |                 |                |                | 44   | Department of Water bioresources and aquaculture |
| Integrated coastal zone management              | 1               |                       |  |                 | 1              | 6       | 216                  | 110.25                    | 71            | 34.75   | 6            |                 |                |                | 44   | Department of Water bioresources and aquaculture |
| Ichthyopathological monitoring and control      |                 |                       | 2  |                 |                | 4       | 144                  | 70.15                     | 73.85         |         |              | 4               |                |                | 44   | Department of Water bioresources and aquaculture |
| Ecosystem ichthyology                           | 2               |                       |  |                 |                | 4       | 144                  | 54.25                     | 55            | 34.75   |              | 4               |                |                | 44   | Department of Water bioresources and aquaculture |
| Aquaculture in the natural environment          |                 |                       | 3  |                 |                | 3       | 108                  | 53.15                     | 54.85         |         |              |                 | 3              |                | 44   | Department of Water bioresources and aquaculture |
| Unit 2. Practical training                      |                 |                       |  |                 | 41             | 1476    | 1476                 |                           |               | 3       | 6            | 11              | 21             |                |      |  |
| Core part                                       |                 |                       |  |                 |                | 41      | 1476                 | 1476                      |               |         | 3            | 6               | 11             | 21             |      |  |
| Academic practice                               |                 |                       | 1  |                 |                | 3       | 108                  | 108                       |               |         | 3            |                 |                |                |      |  |
| Introductory practice                           |                 |                       | 1  |                 |                | 3       | 108                  | 108                       |               |         | 3            |                 |                |                | 44   | Department of Water bioresources and aquaculture |
| Production practice                             |                 |                       | 234                                      |                 |                | 38      | 1368                 | 1368                      |               |         |              | 6               | 11             | 21             |      |  |

|   | Forms of interim assessment |                       |  |                 |                | 6 !!!   | Total academic hours |                           |               |         | Year 1                  |         | Year 2         |                |                     |  |
|---|-----------------------------|-----------------------|--|-----------------|----------------|---------|----------------------|---------------------------|---------------|---------|-------------------------|---------|----------------|----------------|---------------------|--|
|   |                             |                       |  |                 |                | Credits |                      |                           |               |         | Semest Semest er 1 er 2 |         | Semest<br>er 3 | Semest<br>er 4 | Assigned department |  |
| Name  | Examin<br>ation             | Pass/<br>fail<br>exam | Pass/<br>fail<br>exam<br>with a<br>grade | Term<br>project | Course<br>work | Fact    | As<br>sheduled       | Work<br>with a<br>teacher | Self<br>study | Control |                         | Credits |                |                | Code                | Name   |
| Technological practice  |                             |                       | 2  |                 |                | 6       | 216                  | 216                       |               |         |                         | 6       |                |                | 44                  | Department of Water bioresources and aquaculture |
| Scientific research work  |                             |                       | 3  |                 |                | 11      | 396                  | 396                       |               |         |                         |         | 11             |                | 44                  | Department of Water bioresources and aquaculture |
| Scientific research work  |                             |                       | 4  |                 |                | 21      | 756                  | 756                       |               |         |                         |         |                | 21             | 44                  | Department of Water bioresources and aquaculture |
| Unit 3. State final examination   |                             |                       |  |                 |                | 6       | 216                  |                           |               | 216     |                         |         |                | 6              |                     |  |
| Preparation for the defense procedure and defense of the final qualification work |                             |                       |  |                 |                | 6       | 216                  |                           |               | 216     |                         |         |                | 6              | 44                  | Department of Water bioresources and aquaculture |
| Elective courses  |                             |                       |  |                 |                | 4       | 144                  | 70.3                      | 73.7          |         | 4                       |         |                |                |                     |  |
| Spoken foreign language (English)   |                             | 1                     |  |                 |                | 2       | 72                   | 35.15                     | 36.85         |         | 2                       |         |                |                | 45                  | Department of Foreign languages                  |
| Spoken foreign language (German)  |                             | 1                     |  |                 |                | 2       | 72                   | 35.15                     | 36.85         |         | 2                       |         |                |                | 45                  | Department of Foreign languages                  |