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|---|--|---|-----------------------|-------------|---------------|------------------------|
| <i>Field of study</i> | | Aquaculture and Fisheries | | | | |
| <i>Mode of study</i> | | stationary | <i>Level</i> | first cycle | | |
| <i>Graduate's qualification</i> | | inżynier | | | | |
| <i>Fields of science</i> | | agricultural sciences | | | | |
| <i>Disciplines of science</i> | | animal science and fisheries (100%) | | | | |
| <i>Educational profile</i> | | general academic | | | | |
| <i>Module</i> | | | | | | |
| <i>Course unit</i> | | Gamefishes of the world | | | | |
| <i>Code</i> | | WNOZIR/AQF/S1/ | | | | |
| <i>Field of specialisation</i> | | | | | | |
| <i>Administering faculty</i> | | Department of Hydrobiology, Ichthyology and Biotechnology of Reproduction | | | | |
| <i>ECTS</i> | | 4.0 | <i>ECTS (forms)</i> | 4.0 | | |
| <i>Form of course credit</i> | | examination | <i>Language</i> | english | | |
| <i>Electives</i> | | 4 | <i>Elective group</i> | | | |
| <i>Form of instruction</i> | <i>Cod</i> | <i>Semester</i> | <i>Hours</i> | <i>ECTS</i> | <i>Weight</i> | <i>Credit</i> |
| laboratory course | L | 1 | 30 | 2.0 | 0.50 | credits |
| lecture | W | 1 | 30 | 2.0 | 0.50 | examination |
| <i>Leading teacher</i> | | Więcaszek Beata (Beata.Wiecaszek@zut.edu.pl) | | | | |
| <i>Other teachers</i> | | | | | | |
| <i>Prerequisites</i> | | | | | | |
| <i>W-1</i> | Basic knowledge of ichthyology - fish taxonomy and biology | | | | | |
| <i>Module/course unit objectives</i> | | | | | | |
| <i>C-1</i> | Student should know the most important gamefish species in Poland, Europe and in the world | | | | | |
| <i>C-2</i> | Student should know the principal legal rules of angling in Poland and in the world | | | | | |
| <i>C-3</i> | Student is able to determine the biological importance of gamefish species in the environment | | | | | |
| <i>Course content divided into various forms of instruction</i> | | | | | | <i>Number of hours</i> |
| <i>T-L-1</i> | Rules of work with data bases (FishBase, NOBANIS, IUCN) | | | | | 6 |
| <i>T-L-2</i> | Practical familiarize with the most important Selachian, ganoid and teleost fish species in the recreational angling. | | | | | 14 |
| <i>T-L-3</i> | Visiting the Polish Angling Association, to familiarize with the practical tasks of organization, reasearch and educational activities. Presentation of the most important gamefishes from the country of origin. Their importance in the environment. | | | | | 10 |
| <i>T-W-1</i> | Presentation of gamefishes (marine, freshwater, estuarine) of the world in the taxonomical order, with Latin, English and local nomenclature. | | | | | 10 |
| <i>T-W-2</i> | Main fishing grounds in Poland, in Europe and around the world. Legal regulations in Poland and in the world. Rules of safe angling. | | | | | 10 |
| <i>T-W-3</i> | Role of Polish Angling Association in management and education in Poland and IGFA in the world. | | | | | 10 |
| <i>Student workload - forms of activity</i> | | | | | | <i>Number of hours</i> |
| <i>A-L-1</i> | Literature study | | | | | 30 |
| <i>A-L-2</i> | Preparing to classes | | | | | 30 |
| <i>A-W-1</i> | Attendance in classes | | | | | 30 |
| <i>A-W-2</i> | Consultation with lecturer | | | | | 20 |
| <i>A-W-3</i> | Literature study | | | | | 10 |
| <i>Teaching methods / tools</i> | | | | | | |
| <i>M-1</i> | Lecture | | | | | |
| <i>M-2</i> | Practical classes | | | | | |
| <i>M-3</i> | Multimedial presentation | | | | | |
| <i>Evaluation methods (F - progressive, P - final)</i> | | | | | | |
| <i>S-1</i> | F | Test | | | | |
| <i>S-2</i> | F | Passing the written test | | | | |



Evaluation methods (F - progressive, P - final)

| | | |
|-----|---|-----------|
| S-3 | F | Oral exam |
|-----|---|-----------|

| Designed learning outcomes | Reference to the learning outcomes designed for the fields of study | Reference to Learning Outcomes for qualifications at PQF 6, 7 or 8 | Reference to learning outcomes for qualifications at level 6 or 7 that enable acquiring engineering competences | Course objectives | Course content | Teaching methods | Evaluation methods |
|----------------------------|---|--|---|-------------------|----------------|------------------|--------------------|
|----------------------------|---|--|---|-------------------|----------------|------------------|--------------------|

Knowledge

| | | | | | | | | |
|--|------------|--------|--------|------------|----------------|-------|------------|------------|
| AQF_1A_C03a_W01 Student knows important gamefish species and knows the legal rules in angling | AQF_1A_W02 | P6S_WG | P6S_WG | C-1 C-3 | T-L-1 T-L-2 | T-L-3 | M-1 M-2 | S-1 S-3 |
|--|------------|--------|--------|------------|----------------|-------|------------|------------|

Skills

| | | | | | | | | |
|---|------------|------------------|--|------------|----------------|----------------|------------|------------|
| AQF_1A_C03a_U01 Student is able to recognize and describe important gamefish species | AQF_1A_U02 | P6S_UK P6S_UW | | C-2 C-3 | T-L-2 T-L-3 | T-W-1 T-W-3 | M-2 M-3 | S-1 S-3 |
|---|------------|------------------|--|------------|----------------|----------------|------------|------------|

Social competences

| | | | | | | | | |
|--|------------|------------------|--|------------|----------------|-------|------------|------------|
| AQF_1A_C03a_K01 Student knows the rules of participation in the group and can organize a safe gamefish expedition | AQF_1A_K02 | P6S_KO P6S_KR | | C-1 C-3 | T-L-1 T-L-2 | T-L-3 | M-2 M-3 | S-2 S-3 |
|--|------------|------------------|--|------------|----------------|-------|------------|------------|

| Outcomes | Grade | Evaluation criterion |
|----------|-------|----------------------|
|----------|-------|----------------------|

Knowledge

| | | |
|-----------------|-----|---|
| AQF_1A_C03a_W01 | 2,0 | |
| | 3,0 | Student knows at least 50% of important gamefish species and knows the legal rules in angling |
| | 3,5 | |
| | 4,0 | |
| | 4,5 | |
| | 5,0 | |

Skills

| | | |
|-----------------|-----|--|
| AQF_1A_C03a_U01 | 2,0 | |
| | 3,0 | Student is able to recognize and describe at least 50% of important gamefish species |
| | 3,5 | |
| | 4,0 | |
| | 4,5 | |
| | 5,0 | |

Other social competences

| | | |
|-----------------|-----|---|
| AQF_1A_C03a_K01 | 2,0 | |
| | 3,0 | Student knows the most important rules of participation in the group and can organize a gamefish expedition |
| | 3,5 | |
| | 4,0 | |
| | 4,5 | |
| | 5,0 | |

Required reading

1. FishBase, <https://www.fishbase.se/search.php>, 2021
2. J.S. Nelson, Fishes of the World, Wiley and Sons, Toronto, New York, 2016
3. Reese J.T., World Record Fishes, IGFA, USA, 2002