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|---|--------------------------|---|
| <b>Module title</b>   |                          | <b>Abbreviation</b>                         |
| Global Acting in globally and locally linked decision processes   |                          | 07-SQF-GHE-092-m01                          |
| <b>Module coordinator</b>   |                          | <b>Module offered by</b>                    |
| holder of the Chair of Bioinformatics   |                          | Faculty of Biology                          |
| <b>ECTS</b>   | <b>Method of grading</b> | <b>Only after succ. compl. of module(s)</b> |
| 3   | numerical grade          | --  |
| <b>Duration</b>   | <b>Module level</b>      | <b>Other prerequisites</b>                  |
| 1 semester  | undergraduate            | --  |
| <b>Contents</b>   |                          |   |
| Decision making processes in the context of global and local requirements. The course will discuss findings from different fields of biology and/or biotechnology with regard to their socio-political relevance. Topics will vary and will reflect the latest trends and developments. Topics that might be covered include: - Global threats -- making the right decision. - Decision making and disposal. - Decision making processes of social insects. - Ecosystems as an example of "ecology vs. economy".  |                          |   |
| <b>Intended learning outcomes</b>   |                          |   |
| Students will be able to meet global requirements in spite of local constraints and requirements and will understand the limitations in decision making processes. They will have developed a deeper awareness of complex issues and will be better qualified to adapt the opportunities and/or necessities associated with global challenges to specific local conditions as well as to implement these. With the help of topical examples from nature (e. g. ecology, sociobiology), the course will have acquainted students with principles that may help understand problems relevant to society and develop approaches to solution. |                          |   |
| <b>Courses</b> (type, number of weekly contact hours, language — if other than German)  |                          |   |
| V (no information on SWS (weekly contact hours) and course language available)  |                          |   |
| <b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)  |                          |   |
| log (approx. 10 to 20 pages)  |                          |   |
| <b>Allocation of places</b>   |                          |   |
| --  |                          |   |
| <b>Additional information</b>   |                          |   |
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| <b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)  |                          |   |
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| <b>Module appears in</b>  |                          |   |
| Bachelor' degree (1 major) Biology (2007)   |                          |   |