



Univerza v Mariboru

Fakulteta za naravoslovje
in matematiko

UČNI NAČRT PREDMETA / COURSE SYLLABUS

| | |
|----------------------|--------------------------------|
| Predmet: | Okoljsko izobraževanje |
| Course title: | Environmental education |

| Študijski program in stopnja Study programme and level | Študijska smer Study field | Letnik Academic year | Semester Semester |
|-----------------------------------------------------------|-------------------------------|-------------------------|-----------------------------|
| Univerzitetni študijski program Biologija, 1. stopnja | | 2. ali 3 | 3. ali 4. ali 5. ali 6 |
| Undergraduate university programme Biology, 1rd degree | | 2nd or 3rd | 3rd or 4th or 5th or 6th |

Vrsta predmeta / Course type: Izbirni

Univerzitetna koda predmeta / University course code: Elective

| Predavanja Lectures | Seminar Seminar | Vaje Tutorial | Klinične vaje work | Druge oblike študija | Samost. delo Individ. work | ECTS |
|------------------------|--------------------|------------------|-----------------------|-------------------------|----------------------------------|------|
| 15 | 30 | | | | 135 | 6 |

Nosilec predmeta / Lecturer: Andrej Šorgo

Jeziki / Languages: Predavanja / Lectures: slovenski / slovene/ angleški / English
Vaje / Tutorial: slovenski / slovene / angleški / English

Pogoji za vključitev v delo oz. za opravljanje študijskih obveznosti:

Ni pogojev

Prerequisites:

No prerequisites

Vsebina:

Content (Syllabus outline):

| | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> • opredelitev okoljskega izobraževanja kot izobraževanja za trajnostni razvoj; • velike in male teme okoljskega izobraževanja; • zastavljanje ciljev; • teorije izobraževanja; • subjekti okoljskega izobraževanja; • strategije okoljskega izobraževanja; • načrtovanje okoljskih izobraževalnih aktivnosti; • didaktična načela okoljskega izobraževanja; • priprava izobraževalnih delavnic; • priprava izobraževalnih gradiv; • priprava predstavitev; • tabori in ekskurzije; • mentorstvo dejavnostim; • e-izobraževanje; • ovrednotenje izobraževalnih aktivnosti; • • študije primerov | <ul style="list-style-type: none"> • environmental education as education for sustainable development; • big and small issues of environmental education; • goals setting; • educational theories; • subjects of environmental education; • strategies of environmental education; • planning of environmental educational activities; • didactic principles of environmental education; • environmental workshops; • environmental leaflets; • how to prepare a presentation; • summer-camps and excursions; • mentorship to the activities; • e-education; • assesment of environmental activities; • • case studies |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Temeljni literatura in viri / Readings:

Izbrana poglavja iz:

Handbook of Research on Science Education. Ed.Sandra K Abell, Norman G Lederman. 2007. Routledge.

Handbook of Research on Science Education, Volumen 2. Ed.Sandra K Abell, Norman G Lederman. 2014. Routledge.

International Handbook of Research on Environmental Education. (2012). Routledge

Cilji in kompetence:

Po opravljenem kurzu bo študent-ka:

- sposoben načrtovati različne oblike dejavnosti povezanih z okoljskim izobraževanjem;
- sposoben organizirati in izvesti različne oblike dejavnosti povezanih z okoljskim izobraževanjem;
- sposoben ovrednotiti različne oblike dejavnosti povezanih z okoljskim izobraževanjem;

Objectives and competences:

After the course a student should:

- be able to plan different kinds of activities connected with environmental education;
- be able to organize and lead different kinds of activities connected with environmental education;
- be able to asses different kinds of activities connected with environmental education;

Predvideni študijski rezultati:

Intended learning outcomes:

Znanje in razumevanje:

- temeljnih predpostavk okoljskega izobraževanja;
- načel okoljskega izobraževanja;
- načrtovanja ciljev;
- faz načrtovanja okoljskega izobraževanja;
- strategij okoljskega izobraževanja;
- Zahtev uspešnega izobraževanja;
- ovrednotenja kakovosti izvedenega izobraževanja;
- ovrednotenje znanja.

Prenesljive/ključne spretnosti in drugi atributi:

Študent lahko znanja, strategije in spretnosti prenese v sorodne situacije.

Knowledge and understanding:

- Basics of environmental education;
- Principles of environmental education;
- Goal setting;
- Phases in planning of environmental educational activities;
- Strategies of environmental education;
- Basis of successful environmental education;
- Assessment of quality of environmental education;
- Knowledge assesment.

Transferable/Key Skills and other attributes:

Students can transfere gained knowledge, strategies and skills in other educational fields.

Metode poučevanja in učenja:

Predavanja;
Seminar;
Samostojno kritično preučevanje literature;
Individualne konzultacije pri pripravi seminarske naloge.

Learning and teaching methods:

Lectures;
Semminaire;
Individual critical reading of written sources;
Individual consultations by the semminaire preparation.

Delež (v %) /

Weight (in %)

Assessment:**Načini ocenjevanja:**

| | | |
|---------------------------------------------------------|-----|--------------------------------------------------------|
| Seminar in predstavitev seminarja | | Defended semminaire |
| Ustni izpit | | Oral exam |
| Opravljen seminar je pogoj za pristop k ustnemu izpitu. | 50% | Passed semminaire is prerequisite to attend oral exam. |
| | 50% | |

Reference nosilca / Lecturer's references:

ŠORGO, Andrej, ŠPUR, Natalija, ŠKORNIK, Sonja. Public attitudes and opinions as dimensions of efficient management with extensive meadows in Natura 2000 area. *Journal of environmental management*, ISSN 0301-4797, 2016, vol. 183, part 3, str. 637-646, doi: [10.1016/j.jenvman.2016.09.024](https://doi.org/10.1016/j.jenvman.2016.09.024).

ŠPUR, Natalija, POKORNY, Boštjan, ŠORGO, Andrej. Attitudes toward and acceptability of management strategies for a population of hooded crows (*Corvus cornix*) in Slovenia. *Anthrozoös*

: a multidisciplinary journal of the interactions of people and animals, ISSN 0892-7936, 2016, vol. 29, iss. 4, str. 669-682, doi: [10.1080/08927936.2016.1228766](https://doi.org/10.1080/08927936.2016.1228766).

ŠPUR, Natalija, POKORNY, Boštjan, ŠORGO, Andrej. Public willingness to participate in actions for crow management. *Wildlife research*, ISSN 1035-3712, 2017, vol. 44, iss. 4, str. 343-353.
<https://doi.org/10.1071/WR17004>, doi: [10.1071/WR17004](https://doi.org/10.1071/WR17004).

ŠPUR, Natalija, ŠORGO, Andrej, ŠKORNIK, Sonja. Predictive model for meadow owners' participation in agri-environmental climate schemes in Natura 2000 areas. *Land use policy*, ISSN 0264-8377. [Print ed.], 2018, 73, str. 115-124, ilustr.

ŠPUR, Natalija, ŽUNIČ GOMBOC, Ksenija, ŠORGO, Andrej. Public acceptability of measures to prevent from predation on commercial fish by the endangered Eurasian otter (*Lutra lutra*) in Natura 2000. *Journal for nature conservation*, ISSN 1617-1381, Jul. 2018, vol. 44, str. 21-32, ilustr., doi: [10.1016/j.jnc.2018.06.002](https://doi.org/10.1016/j.jnc.2018.06.002).