

PROGRAM IZ OSNOVA KONZERVACIONE BIOLOGIJE

ŠKOLSKE 2017/18 GODINE

| Sedmica | Predavanje Nastavna jedinica | Izvor | Vežba |
|---------------|---|---|---|
| 1 26.02.18 | Uvod u konzervacionu biologiju | -Simberloff, D. 1988. The Contribution of population and community ecology to conservation science. Annual Review of ecology and systematics, 19: 473-511. | KONCIPIRANJE JEDNOGODISNJEG PROJEKTA IZ OBLASTI ZASTITE PRIRODE |
| 2 05.03.18 | Ravnotežna teorija ostrvske biogeografije | - Simberloff, D. 1974. Equilibrium theory of island biogeography and ecology. Annual Review of ecology and systematics, 5: 161-182. - Wu, J., Vankat, J. L. 1995. Island biogeography: Theory and application. In: W. A. Nierenberg (ed), Encyclopedia of Environmental Biology. Vol. 2. pp.371-379, Academic Press, San Diego. (Executive Advisors: E. O. Wilson, P. H. Raven & I. Karube). | IZRAČUNAVANJE RAVNOTEŽNOG BROJA VRSTA NA OSTRVIMA |
| 3 12.03.18 | Status i značaj biodiverziteta | Ranganathan, J. et al. 2008. Ecosystem services. A guide for decision makers. World resources institute. | DINAMIKA NASELJAVANJA I NESTAJANJA VRSTA NA OSTRVIMA |
| 4 19.03.18 | Utvrđivanje prioriteta za očuvanje | IUCN. 2001. Summary of the five criteria (A–E) used to evaluate if taxon belongs in a threatened category | IUCN KRITERIJUMI |
| 5 26.03.18 | Test 1. | | INDEKSI VREDNOVANJA BIODIVERZITETA PODRUČJA |
| 6 16.04.18 | Konzervaciona genetika 1. | Frankham, R., Ballou, J.D., Briscoe, D.A.2004. A primer of Conservation genetics. Cambridge University Press. | GENETIČKI DIVERZITET I INBRIDING KOEFICIJENT KAO I PARAMETRI RAJTOVE F STATISTIKE |
| 7 16.04.18 | Konzervaciona genetika 2. | Frankham, R., Ballou, J.D., Briscoe, D.A.2004. A primer of Conservation genetics. Cambridge University Press. | IZRAČUNAVANJE EFEKTIVNE VELIČINE POPULACIJE |
| 8 | Test 2 | Stockwell, C.A., Hendry, A.P., Michael T. Kinnison, .T. 2003. Contemporary evolution meets | DEMOGRAFSKI PARAMETRI 1 |

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|----------------|--|---|---------------------------|
| 16.04.18 | | conservation biology. TREE 18, 94-101. | |
| 9 07.05.18 | Izumiranja savremenih vrsta i posledice po očuvanje biodiverziteta | Stockwell, C.A., Hendry, A.P., Michael T. Kinnison, .T. 2003. Contemporary evolution meets conservation biology. TREE 18, 94-101. | DEMOGRAFSKI PARAMETRI 2 |
| 10 14.05.18 | Problem malih populacija | -Simberloff, D. 1988. The Contribution of population and community ecology to conservation science. Annual Review of ecology and systematics, 19: 473-511. | POPULUS SOFTVER |
| 11 21.05.18 | Uvod u analizu vijabilnosti populacija (PVA) | Miller, S.P., Lacy, R.C. 2005. VORTEX: A stochastic simulation of the extinction process. Version 9.5. User's Manual. Apple Valley, M.N.: Conservation Breeding Specialist Group (SSC/IUCN), 112-135. | POPULUS SOFTVER – razrada |
| 12 21.05.18 | Osnovni statistički paketi u konzervacionoj biologiji | Miller, S.P., Lacy, R.C. 2005. VORTEX: A stochastic simulation of the extinction process. Version 9.5. User's Manual. Apple Valley, M.N.: Conservation Breeding Specialist Group (SSC/IUCN) | VORTEX RADIONICA-razrada |
| 13 28.05.18 | Konzervaciona biologija u praksi | Rezervati tigrova u slici i reči | VORTEX RADIONICA-razrada |
| 14 04.06.18 | Seminar | | VORTEX RADIONICA-razrada |
| 15 04.06.18 | Seminar | | Obnova vežbi |

Uslov za polaganje ispita je položen(i) ispit(i) __Primena računara u biologiji, Opšta ekologija, Genetika_.