

<b>Course title</b>	<i>Environment protection</i>
<b>Course code</b>	VidZP019
<b>Branch of science</b>	Environment science
<b>Credit points</b>	1
<b>ECTS creditpoints</b>	1.50
<b>Total contact hours</b>	<b>8</b>
<b>Number of hours for lectures</b>	8
<b>Course developers</b>	
Dainis Lazdāns	
<b>Course abstract</b>	
<p>The aim of the course: To provide scientifically substantiated comprehension of contemporary problems of environmental protection and possibilities of their solution.</p> <p>Tasks of the course: To study strategies of rational and sustainable use of environment and its components. To acquire knowledge of protection and renewal of water, air and biological diversity. To provide percept of principles of environmental rights in Latvia and other countries, as well as of forms of international cooperation in the sphere of nature protection and their efficiency.</p>	
<b>Learning outcomes</b>	
<p>Knowledge: students are able to express knowledge and comprehension of strategies of rational and sustainable use of environment and its components; of RL and EU normative documentation related to environmental protection; of development and protection of specially protected nature territories.</p> <p>Skills: students possess skills to use normative documentation in solution of issues of environmental protection.</p> <p>Competence: are able to formulate, describe and analyse practical problems in the sphere of environment protection.</p>	
<b>Course plan</b>	
<p>Course structure: lectures - 8 h. (for each theme - 2 h.)</p> <p>Themes of lectures:</p> <ol style="list-style-type: none"> <li>1. Strategies of rational and sustainable use of environment and its components.</li> <li>2. Protection and renewal of water, air and biological diversity.</li> <li>3. RL and EU normative documentation related to protection of species and habitats:</li> <li>4. Formation and protection of specially protected nature territories: Categories of specially protected nature territories - nature reserves, national parks, nature parks, nature monuments, nature, protected landscape areas and biosphere reserves, micro-reserves, Natura 2000 territories.</li> </ol>	
<b>Requirements for awarding credit points</b>	
<p>Passed all classes, envisaged in the programme of the study course.</p> <p>Examination forms for acquisition of the study course - differentiated test.</p>	
<b>Compulsory reading</b>	
<ol style="list-style-type: none"> <li>1. Dabas aizsardzība / J.Danilāna redakcijā. - R.: Zinātne, 1983.</li> <li>2. Dabas aizsardzības normatīvo aktu apkopojums./ VARAM, R.: Ievanda, 1998. - 40 lpp.</li> <li>3. Liepa I., Mauriņš A., Vimba E. / Ekoloģija un dabas aizsardzība.// R.: Zvaigzne, 1991. - 301 lpp.</li> </ol>	

4. Mišaneks G., Blumberga U. / Vides aizsardzības likumdošanas sistēma Latvijā.// VARAM, R.: 1998.- 137 lpp.
5. Red Data Book of the Baltic Region. Editors Torleif Ingelög, Roger Andersson, Martin Tjernberg. Uppsala, Riga , 1993., p.97.
6. Steigens A. / Nākotne sākas šodien. // R.: Nordik, 1999. – 222 lpp.
7. Strautmanis J. / Daba. Morāle. Likums. // R.: Avots, 1983
8. Strautmanis J. / Ekoloģisko tiesību pamati. Dabasvides tiesiskā aizsardzība.// R.: Zvaigzne ABC, 1999, - 222 lpp.
9. Vakerneidžels M., Rīss V. / Mūsu ekoloģiskais pēdas nospiedums. // R.: Norden AB, 2000. – 193 lpp.
10. Биология охраны природы. / Под ред. Сулея М. и Уилкокса Б., М.: Мир, 1983. - 430с.
11. Миланова А., Рябчиков А. / Использование природных ресурсов и охрана природы.// М.: Высшая школа, 1986.

#### ***Further reading***

INTERNET resources

<http://www.latvijasdaba.lv>

<http://www.gnp.lv>

<http://www.biosfera.lv>

<http://www.kemeri.vdc.lv>

<http://www.teici.lv>

<http://www.varam.gov.lv/vad/Latviski/Teritorijas.html>

<http://www.varam.gov.lv/vad/Latviski/Teritorijas/DabasPieminekli.html>

Multimedia resources:

RAMAS® EcoLab: Applied Ecology Laboratory ver. 2.0

#### ***Periodicals and other sources***

“National Geographic”

“Vides vēstis”

#### ***Notes***

ABSP "History" Part B.

#### ***Course content:***

Strategies of rational and sustainable use of environment and its components.

Protection and renewal of water, air and biological diversity.

RL and EU normative documentation related to protection of species and habitats:

Formation and protection of specially protected nature territories: Categories of specially protected nature territories - nature reserves, national parks, nature parks, nature monuments, nature, protected landscape areas and biosphere reserves, micro-reserves, Natura 2000 territories.