Study Program: Biology	
Type and level of studies: Bachelor studies	
Course name: Computers application in Biology	
Lecturer: Jakšić R. Tatjana	
Status: Compulsory	
ECTS: 5	
Attendance Prerequisites:	

Course aims
Introducing students to the basic concepts and terminology used in computer science.

Course outcome
The students are able to use computers.

Course content
Computer data organisation: Organization of magnetic storage devices, the concept of files and file naming, the concept of directories and directory naming, storage devices naming convention, directory tree structure, data administration.

Data protection and data maintenance: Protection against data loss, protection against viruses - using antivirus software. Protecting data against unauthorised access, data maintenance - disk fragmentation, file logging errors, technical errors, data maintenance programs, Excel back up and archiving.

Literature
1. Милан Тасић, Мирослав Ћирић, Основни информатике, Технолошки факултет, Лесковац, 2005;
2. Јасмина Миловановић, "Word 97", Универзитет у Београду, Институт Винча, 1998;
3. Звонко Слијепчевић, "Царство Интернета", Нови Сад 2000;
4. Душан Љубичић, "Windows 95 приручник", Универзитет у Београду, Институт Винча, 1998.

Number of active classes				Other classes
Lectures: 2	Practical classes: 2	Other forms of teaching:	Students' research work	

Teaching methods
The material is presented with the help of a projector, in combination with the classical methods and interaction with present students.

Assessment (maximum 100 points)			
Course assignments	**points**	Final exam	**points**
activity during lectures	10	written exam	30
practical classes	20	oral exam	40
term test(s)			
Total	**30**		**70**