



## SUBJECT DATASHEET

<b>Semester:</b>	2009/10/2
<b>Subject:</b>	Environmental-informatics II.
<b>Code:</b>	VEMKKVB232I
<b>Responsible department:</b>	Department of Environmental Engineering
<b>Responsible department code:</b>	MKKV
<b>Responsible lecturer:</b>	dr. Endre Domokos

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### Educational objectives:

The aim of the course is that the students learn use engineering statistics and database applications software. After the successful tests the students can use well these programs for their works.

### Detailed content of the subject:

1. Statistical evaluating software: menus, structure 2. Statistical evaluating software: data-input, sorting 3. Statistical evaluating software: statistical calculations, handle of results 4. SQL: basics, relations, fundamentals 5. SQL: data-tables design and structure 6. SQL: import-export 7. SQL: table-operations, relation-tables handling 8. SQL: optimisation 9. Test 10. VBA: helping of group working 11. VBA: using of outsources 12. VBA: create of menus, buttons and forms 13. VBA: Test-software writing I 14. VBA: Test-software writing II. 15. Test

### Requirements:

2 tests ( $\geq 50\%$  average)

### Required and suggested references:

Schönhofen Péter: Csoportmunka az Office 2003 rendszerrel, Szak Kiadó, 2004 Kuzmina Jekatyerina - Dr. Tamás Péter - Tóth Bertalan: Programozzuk Visual Basic rendszerben!, ComputerBooks Kft., 2003 Ketskemény László-Izsó Lajos: Az SPSS for Windows programrendszer alapjai. SPSS Partner Bt. Budapest 1996