



SUBJECT DATA SHEET AND REQUIREMENTS

last modified: 31th January 2014

BSc FINAL PROJECT

SZAKDOLGOZAT KÉSZÍTÉS

1	Code	Semester Nr. or fall/spring	Contact hours/week (lect.+semin.+lab.)	Requirements p / e / s	Credit	Language
	BMEGEÁTA4SD	(7.) fall	0+10+0	p	15	English

2. Subject's responsible:

Name:	Title:	Affiliation (Department):
Dr. Jenő Miklós SUDA	assistant professor	Dept. of Fluid Mechanics

3. Lecturer:

Name:	Title:	Affiliation (Department):
-	-	Dept. of Fluid Mechanics

4. Thematic background of the subject:

Knowledge of the subjects of the BSc in Mechanical Engineering and spec. in Process Engineering.

5. Compulsory / suggested prerequisites:

Compulsory: Pre-requisite is 175 credits.

6. Main aims and objectives, learning outcomes of the subject:

The aim of the course is to develop and enhance the capability for complex problem solving of the students under advisory management of their project leader (supervisor) and advisor. Each student's individual project is guided by the supervisor and depending on the problem -if applicable- by advisor(s).

7. Method of education: lecture 0h/w, seminar 10h/w, laboratory 0h/w

Individual project work.

Helped by regular consultations with the supervisor (and advisor).

Several experimental and/or numerical (CFD) final project proposals are announced by the supervisors before the registration week on the subject's website (see ch.12.). In course of the BSc Final Project one individual student will work on one selected challenging (theoretical and/or experimental and/or numerical) problem of mainly fluid mechanics.

8. Detailed thematic description of the subject: -

9. Requirements and grading

a) in term-period:

BSc Final Project (=BSc Thesis): Submission deadline: see on the Project Assignments (4PM on the last working day (Friday) of the semester: 14th week) in printed AND also in electronic (CD/DVD) format. It is obligatory to use a common template for format: see detailed template on the subject's website. Document length: approx. 50 (min. 35 – max. 70) pages. (Body text from the Introduction through the main Chapters up to the Conclusion, including Figures, Tables, etc.). The Report must contain the one and original signed Project Assignment document and all data that is used in course of the project.

b) in examination period: -



c) The students are subject to disciplinary measures against the application of unauthorized means at mid-terms, and the application of the 1/2013. (I.30.) Dean's Order must be followed.

10. Retake and repeat: Due to the Code of Studies and Exams of BME.

11. Consulting opportunities: Consultation hours: by email appointments and as it is indicated on the department's website. Weekly consulting hours will be provided. The consultation time can be enquired at the department administration after the registration week of the active semester.

12. Reference literature (compulsory, recommended):

- <http://www.ara.bme.hu/oktatas/tantargy/NEPTUN/BMEGEATAA4SD>

13. Home study required to pass the subject:

Contact hours	140	h/semester
Home study for the courses	310	h/semester
Home study for the mid-semester checks	-	h/check
Preparation of mid-semester homework	-	h/homework
Home study of the allotted written notes	-	h/semester
Home study for the exam	-	h/semester
Totally:	450	h/semester

14. The data sheet and the requirements are prepared by:

Dr. Jenő Miklós SUDA	assistant professor	Dept. of Fluid Mechanics
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