

Department of Mathematics
ADU5319-Design and Analysis of Experiments
Level 05 – Open Elective Course
Information sheet -2023/2024-Semester II

This sheet will provide important information about level 05 Open Elective Course offered by the Department of Mathematics. Please read it carefully so that you would have a general idea about this Course. We strongly advise you to keep this sheet with you for the entire semester. If you need further assistance or clarification contact the course coordinator.

Also you are reminded that it is important to inform the coordinator of any address changes immediately in addition to informing student affairs.

Course Coordinator : Ms.N.A.M.R.Senaviratna nasen@ou.ac.lk (011-2-881443)

Open Elective Course:

Course Code	Course Title	Credit rating	No of Books	Semester	Day School Conductor
ADU5319	Design and Analysis of Experiments	3	1	II	Ms.N.A.M.R.Senaviratna

Nature of study	<ul style="list-style-type: none"> Study material will be discussed on day schools organized by the Department of Mathematics. During the semester, the department will conduct an OBT (Open Book Test), and a NBT (No Book Test). Marks of these tests will be used to calculate the Continuous Assessment Mark (CAM).
Day Schools (DS)	<ul style="list-style-type: none"> For a course of 3 credits there will be two-hour 5 day schools and a revision day school. In these DS important sections and questions related to the lesson material will be discussed.
Evaluation	<ul style="list-style-type: none"> Evaluation is based on Assignment Tests and a final examination. A student's progress is assessed continuously for a course by an Open Book Test (OBT) and No Book Test (NBT). You are advised to do very well in these tests because it goes a long way to determine your eligibility to sit for the Final Examination at the end of the course.
Open Book Test (OBT)	<ul style="list-style-type: none"> The OBT questions are set from the content covered in the day schools held before the OBT date. Test duration is one hour and the student will be allowed to use any study material in the examination. The OBT question paper may consist of multiple choice questions/ essay type questions with a duration of 1 hour, and all the questions have to be answered. Test will be held as onsite test.
No Book Test (NBT)	<ul style="list-style-type: none"> The NBT questions are set from the content covered in the day schools held before the NBT date. Students are not allowed to use any study material in the examination. The NBT question paper may consist of multiple choice questions/ essay type questions with a duration of 1 hour, and all the questions have to be answered. Test will be held as online tests.
Eligibility	<ul style="list-style-type: none"> Students need to obtain minimum of 35% to be eligible for the final examination.

for Final Examination	CAM will be calculated based on your performance at the OBT and NBT. The final CAM is calculated as follows: (Highest mark of OBT/NBT)* 60% + (Lowest mark of OBT/NBT) * 40%
Final Examination	<ul style="list-style-type: none"> There will be one theory paper at the final examination. It consists of 06 essay type questions. Students are expected to answer 4 questions. Question 1 is compulsory and you have to select 3 questions out of 5 questions.
Final Mark	<p>Final Mark will be calculated as follows:</p> $\text{FM} = 0.6 * \text{FEM} + 0.4 * \text{CAM} \quad \text{if } \text{FEM} \geq 40$ $\text{FM} = 0.6 * \text{FEM} + 0.4 * \text{CAM} \quad \text{if } 30 \leq \text{FEM} < 40; \text{subject to a maximum of 40}$ $\text{FM} = \text{FEM} \quad \text{if } \text{FEM} < 30$ <p>*FEM – Final Examination Mark</p>

Application to sit the Final Examination

In each semester students are required to apply for the final examination.

Contact Names and Telephone Nos:

If you need further information regarding this course please contact the following staff member.

Ms.N.A.M.R.Senaviratna- nasen@ou.ac.lk
 Coordinator (ADU5319)
 Telephone No: 2-881443