

BIOS8001: SEMINARS ON BIOSTATISTICS

Effective Term

Semester A 2025/26

Part I Course Overview

Course Title

Seminars on Biostatistics

Subject Code

BIOS - Biostatistics

Course Number

8001

Academic Unit

Biostatistics (BIOS)

College/School

College of Computing (CC)

Course Duration

Two Semesters

Credit Units

0-2

Level

R8 - Research Degree

Medium of Instruction

English

Medium of Assessment

English

Prerequisites

Nil

Precursors

Nil

Equivalent Courses

Nil

Exclusive Courses

Nil

Part II Course Details

Abstract

The course aims to broaden students' knowledge in a spectrum of biostatistics methodologies and applications through active participation in a series of research seminars. Students will expect to develop their capabilities in identifying new

research problems, developing innovative methods and applications, and improving their presentation and communication skills.

Course Intended Learning Outcomes (CILOs)

CILOs		Weighting (if app.)	DEC-A1	DEC-A2	DEC-A3
1	Describe the current trends, opportunities, and challenges of related research	50	x	x	
2	Summarize applications the key findings for new methods and applications	30	x	x	x
3	Grasp effective communication skills	20	x	x	x

A1: Attitude

Develop an attitude of discovery/innovation/creativity, as demonstrated by students possessing a strong sense of curiosity, asking questions actively, challenging assumptions or engaging in inquiry together with teachers.

A2: Ability

Develop the ability/skill needed to discover/innovate/create, as demonstrated by students possessing critical thinking skills to assess ideas, acquiring research skills, synthesizing knowledge across disciplines or applying academic knowledge to real-life problems.

A3: Accomplishments

Demonstrate accomplishment of discovery/innovation/creativity through producing /constructing creative works/new artefacts, effective solutions to real-life problems or new processes.

Learning and Teaching Activities (LTAs)

LTAs	Brief Description	CILO No.	Hours/week (if applicable)
1	Seminar participation	-Mandatory attendance -Active participation via questions and discussions	1
2	Writing report and presentation	Written reports about the learning from attending seminars	2, 3

Assessment Tasks / Activities (ATs)

ATs	CILO No.	Weighting (%)	Remarks ("- " for nil entry)	Allow Use of GenAI?	
1	Attendance	1	50	-	No
2	Report and oral presentation	2, 3	50	-	No

Continuous Assessment (%)

100

Examination (%)

0

Minimum Continuous Assessment Passing Requirement (%)

0

Minimum Examination Passing Requirement (%)

0

Assessment Rubrics (AR)

Assessment Task

1. Attendance and participation (Applicable to students admitted before Semester A 2022/23 and in Semester A 2024/25 & thereafter)

Criterion

Attend all research departmental seminars with active participation

Pass (P)

Pass

Failure (F)

Fail

Assessment Task

2. Report and oral presentation (Applicable to students admitted before Semester A 2022/23 and in Semester A 2024/25 & thereafter)

Criterion

Written reports for selected seminars

Pass (P)

Pass

Failure (F)

Fail

Assessment Task

1. Attendance and participation (Applicable to students admitted from Semester A 2022/23 to Summer Term 2024)

Criterion

Attend all research departmental seminars with active participation

Pass (P)

Pass

Failure (F)

Fail

Assessment Task

2. Report and oral presentation (Applicable to students admitted from Semester A 2022/23 to Summer Term 2024)

Criterion

Written reports for selected seminars

Pass (P)

Pass

Failure (F)

Fail

Part III Other Information

Keyword Syllabus

Literature reading, independent research, presentation, writing, and communication skills.

Reading List

Compulsory Readings

Title	
1	Nil

Additional Readings

Title	
1	Nil