

BMS8200: PHD RESEARCH SEMINARS

Effective Term

Semester B 2024/25

Part I Course Overview

Course Title

PhD Research Seminars

Subject Code

BMS - Biomedical Sciences

Course Number

8200

Academic Unit

Biomedical Sciences (BMS)

College/School

College of Biomedicine (BD)

Course Duration

One Semester

Credit Units

3

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

This seminar course serves two purposes. First, to provide a platform for doctoral students to share their research ideas and progress. They will get feedback and constructive criticism from their peers and faculty members. The course will give

opportunities for students to interact with peers from diverse research backgrounds within the biomedical field. Second, to polish their writing, presentation, and communication skills. Together, the goal is to provide postgraduate students with the necessary knowledge, skills, and support to navigate and excel in their academic journey.

Course Intended Learning Outcomes (CILOs)

CILOs		Weighting (if app.)	DEC-A1	DEC-A2	DEC-A3
1	Students will refine their research approach and enhance the quality of their work by receiving constructive feedback from their peers and faculty mentors,	40	x	x	x
2	Students will foster interdisciplinary thinking and develop skills in teamwork and cooperation through collaborative discussions and group activities.	20	x	x	x
3	Students will learn effective strategies for presenting their research findings to diverse audiences and develop skills in scientific communication. They will receive guidance on creating impactful presentations, delivering effective talks, and using visual aids to enhance their message.	40	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	Presentations	Students are required to present their research projects at regular intervals.	1, 2, 3	2hr/week

Assessment Tasks / Activities (ATs)

ATs		CILO No.	Weighting (%)	Remarks (e.g. Parameter for GenAI use)
1	Attendance	1, 2, 3	30	
2	Ask questions	1, 2, 3	20	
3	Abstract writing	1, 2, 3	20	
4	Presentation	1, 2, 3	30	

Continuous Assessment (%)

100

Examination (%)

0

Minimum Continuous Assessment Passing Requirement (%)

0

Minimum Examination Passing Requirement (%)

0

Assessment Rubrics (AR)

Assessment Task

Asking questions in the seminars (for students admitted before Semester A 2022/23 and in Semester A 2024/25 & thereafter)

Criterion

The students will be assessed by the number of questions asked and the content of the questions.

Excellent

(A+, A, A-) Outstanding performance on all CILOs. Strong evidence of original thinking; good organization, capacity to analyse and synthesize; superior grasp of subject matter; evidence of extensive knowledge base.

Good

(B+, B, B-) Substantial performance on all CILOS. Evidence of grasp of subject, some evidence of critical capacity and analytic ability; reasonable understanding of issues; evidence of familiarity with literature.

Fair

(C+, C, C-) Satisfactory performance on the majority of CILOS possibly with a few weaknesses. Being able to profit from the course experience; understanding of the subject; ability to develop solutions to simple problems in the material.

Marginal

(D) Barely satisfactory performance on a number of CILOS. Sufficient familiarity with the subject matter to enable the student to progress without repeating the course.

Failure

(F) Unsatisfactory performance on a number of CILOS. Failure to meet specified assessment requirements, little evidence of familiarity with the subject matter; weakness in critical and analytic skills; limited or irrelevant use of literature.

Assessment Task

Abstract writing (for students admitted before Semester A 2022/23 and in Semester A 2024/25 & thereafter)

Criterion

The abstract will be evaluated based on the content and writing skills.

Excellent

(A+, A, A-) Outstanding performance on all CILOs. Strong evidence of original thinking; good organization, capacity to analyse and synthesize; superior grasp of subject matter; evidence of extensive knowledge base.

Good

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Assessment Task

Presentation (for students admitted before Semester A 2022/23 and in Semester A 2024/25 & thereafter)

Criterion

The students will be assessed by the quality of their presentation.

Excellent

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Assessment Task

Asking questions in the seminars (for students admitted from Semester A 2022/23 to Summer Term 2024)

Criterion

The students will be assessed by the number of questions asked and the content of the questions.

Excellent

(A+, A, A-) Outstanding performance on all CILOs. Strong evidence of original thinking; good organization, capacity to analyse and synthesize; superior grasp of subject matter; evidence of extensive knowledge base.

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Part III Other Information

Keyword Syllabus

research presentation and communication skills abstract writing, critical thinking, interdisciplinary collaboration

Reading List

Compulsory Readings

Title	
1	Nil

Additional Readings

Title	
1	Nil