Course Syllabus

MBNS 690 Seminars in Advanced Neuroscience

Academic Year 2019

Course ID and Name: MBNS 690 Seminars in Advanced Neuroscience

Course Coordinator: Assoc. Prof. Wipawan Thangnipon, Ph.D.

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Instructors:

1. Prof. Emeritus Piyarat Govitrapong, Ph.D.
2. Prof. Banthit Chetsawang, Ph.D.
3. Assoc. Prof. Naiphinich Kotchabhakdi, Ph.D.
4. Assoc. Prof. Wipawan Thangnipon, Ph.D.
5. Assoc. Prof. Nuanchan Chutabhakdikul, Ph.D.
6. Asst. Prof. Vorasith Siripornpanich, M.D.
7. Asst. Prof. Sujira Mukda, Ph.D.
8. Asst. Prof. Sukonthar Ngampramuan, Ph.D.
9. Asst. Prof. Kittikun Viwatpinyo, Ph.D.
10. Lect. Dr. Chutikorn Nopparat, Ph.D.

Supporting Staff:

1. Ms. Somsong Phengsukdaeng

Credits: 1 (1-0-2)

Curriculum: Doctor of Philosophy Program in Neuroscience (core course for B.Sc. Graduates)

Semester offering: First semester

Pre-requisites: No

Course learning outcomes (CLOs):

Upon completion of this course, students are able to:

1. Explore advanced research in the field of neuroscience by searching the literatures on interesting topic; review and summarize research findings from several original articles. (PLO2)
2. Interpret the research results, analyze and criticize those findings logically and ability to create new research questions. (PLO4)

3. Students will be trained to generate the standard scientific presentation using proper tools and skills. (PLO6)

Alignment of teaching and assessment methods to course learning outcome:

Course learning outcome	Teaching method	Assessment method
1. Explore advanced research in the field of neuroscience by searching the literatures on interesting topic; review and summarize research findings from several original articles.	(1) Lecture assignment (2) Class discussion	(1) Oral presentation (2) In-class discussion
2. Interpret the research results, analyze and criticize those findings logically and ability to create new research questions.	(1) Lecture assignment (2) Class discussion	(1) Oral presentation (2) In-class discussion
3. Students will be trained to generate the standard scientific presentation using proper tools and skills.	(1) Assignment (2) Class discussion and feedback	(1) Direct observation (2) Oral presentation In-class discussion

Course description:

Present and discuss articles from at least 2 papers in neuroscience related to the normal functions of different nervous systems.

Course schedule:

Date: Thursday

Time: 10.00-11.00

Rooms: A107, Institute of Molecular Biosciences

Date/Time	Topic/Details	Number of Hours	Class Activity	Lecturer
25 Jul 2019				
10.00-11.00	Course orientation	1	Lecture	Wipanwan
15 Aug 2019				
10.00-11.00	**-** Special seminar **-**	1	Guest speaker	
17 Oct 2019				
10.00-11.00	- To be announced -	1	Student presentation/ Discussion	Student
24 Oct 2019				
10.00-11.00	- To be announced -	1	Student presentation/ Discussion	Student
31 Oct 2019				
10.00-11.00	- To be announced -	1	Student presentation/ Discussion	Student
14 Nov 2019				
10.00-11.00	- To be announced -	1	Student presentation/ Discussion	Student
21 Nov 2019				
10.00-11.00	- To be announced -	1	Student presentation/ Discussion	Student

Assessment Criteria:

Assessment Criteria	Assessment Method	Scoring Rubric
Presentation (80%)	(1) Presentation	(1) Comprehension (2) Ability to apply knowledge to delivered presentation in a clear and engaging manner (3) Ability to create of future research questions (3) Ability to answer questions
Class participation (10%)	(1) Ability to ask questions	(1) Class participation
Class attendant (10%)	(1) Number of classes signed in (2) Direct observation	(1) Class participation

Student's achievement will be graded using symbols: A, B+, B, C+, C, D+, D and F based on the criteria as follows:

Percentage	Grade	Description
85-100	A	Excellent
80-84	B+	Very good
70-79	B	Good
60-69	C+	Fairly good
50-59	C	Fair
45-49	D+	Poor
40-44	D	Very poor
< 40	F	Fall

Date revised: 18 June 2019