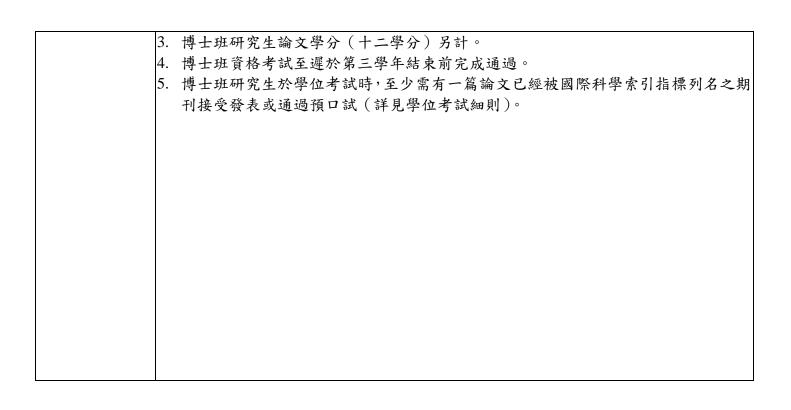
## \_神經科學研究所\_博士班

_ <u>112</u> _學年度	
最低修業年限	2年
應修學分數	18 學分
逕博應修學分數	18 學分
應修(應選)課	(一) 必修科目
程及符合畢業資	甲組(分子細胞神經科學組)
格之修課相關規	認知神經科學導論 (2學分)
定	神經科學研究方法 (2學分)
	學生學術研究倫理教育課程 (0學分)
	神經科學總論 (3學分)
	神經科學專論 (3學分)
	註:以上自 107 學年度開始實施,新舊生適用。
	乙組(認知神經科學組)
	認知神經科學總論 (3學分)
	神經生物學導論 (2學分)
	數理統計 (2學分)
	學生學術研究倫理教育課程 (0學分)
	認知神經科學方法:理論與實作 (2學分)
	註:以上自 104 學年度開始實施,
	1.103 學年度前入學生修畢「認知神經科學方法」且成績及格者,得免修
	「認知神經科學方法:理論與實作」。
	2.103 學年度前入學生未修畢「認知神經科學深論」或修習過成績不及
	格者,可免再修。
	   丙組(神經科技組)
	學生學術研究倫理教育課程 (0學分)
	可跨組修習甲、乙組的必修科目,達9學分。
	丁組(臨床醫學組)
	學生學術研究倫理教育課程 (0學分)
	可跨組修習甲、乙組的必修科目,達9學分。
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	戊組(國際生組) 學生學術研究倫理教育課程 (0學分)
	字生字例研充倫理教育課程 (0字分) 可修習 TIGP INS/NPAS 或 TIGP MM、或以英文授課的必修科目,達 11 學分。
	可修备 HOF INS/ NFAS 或 HOF WIWI、或以夹叉投薪的必修杆目,连 H 字分。
	(二)必選修科目:
	生命科學院-生物醫學講座 (1學分,至少選修2學期,共2學分)。
	註:自107學年度起開始實施。
	(三)選修科目:
	選修範圍以本校教務處當學期公布之課程表為準。
	(四)選課、加退選課悉依本校學則及相關規定辦理。
	且
	1. 至少應修畢十八學分,其中包含本所各組訂定之必修及必選科目學分。(不含博士
	論文,十二學分)。
	2. 逕修讀博士班學位研究生可抵免必修學分至多十學分。



## Institute of Neuroscience \_Ph. D. Program Academic Year \_112\_

Mini. Term of Study	2 years
Minimum Credits	18 credits
Minimum Credits for Direct-Entrance Ph.D.	
	1. Required courses for each group:
Curriculum and Regulations	Group A (Cellular and molecular neuroscience): Introduction to neuroscience (3 credits); Special topics in neuroscience (3 credits); Introduction to cognitive neuroscience (2 credits); Methods in neuroscience research (2 credits); Research Ethics (0 credit)
	Group B (Cognitive neuroscience): Introduction to cognitive neuroscience (3 credits); Introduction to neuroscience (2 credits); Statistics (2 credits); Methods in cognitive neuroscience research (2 credits); Research Ethics (0 credit)
	Group C (Neurotechnology): Select 9 credits from the required courses in Group A or B; Research Ethics (0 credit)
	Group D (Physician-scientist track): Select 9 credits from the required courses in Group A or B; Research Ethics (0 credit)
	Group E (International students): Select 11 credits from the required courses in TIGP-INS/NAPAS or TIGP-MMP or teach in English; Research Ethics (0 credit)
	<u>In addition</u> , all students must take Special lectures on biomedicine (1 credit per semester) for at least two semesters.
	2. Elective courses: Students may enroll in other courses inside or outside the Institute under the recognition of our program.
	3. Students in the direct-entrance can waive up to 10 credits based on their past course works, with the approval of the program.
	4. Students must complete and pass 18 credits before graduation. Thesis research (12 credits) does not count toward the required 24 credits. Course registration and dropping/adding courses shall be handled in accordance with the University's bylaws and related regulations.
	6. PhD students must pass the qualification exam by the end of the 3 <sup>rd</sup> year.
	7. PhD students have one paper accepted for publication in a SCI-indexed journal, or have passed pre-oral before thesis defense.