中國醫藥大學113學年度中西醫結合研究所博士班課程地圖

教育目標

- 培養中西醫結合臨床醫學之師資及研究領導人才
- 培養中西醫藥之基礎與臨床知識之師資及研究領導人才
- 培養中西醫藥臨床試驗之師資及研究領導人才

核心能力

- 1. 以中西醫結合思考的臨床專業醫學能力
- 2. 客觀分析臨床問題從科學文獻資料中找出合理解決方法之能力
- 3. 中西醫相關領域之專業教學能力
- 4. 參與執行國際合作與學術交流之能力
- 5. 專業醫學倫理與學術研究精神
- 6. 中西醫結合臨床研究計畫撰寫、執行、綜合分析、發表之能力
- 7. 領導創新與前瞻之研究能力
- 須修滿32學分【含必修14學分、選修6學分、博士論文12學分】

校級必修課程

- ●現代生物醫學講座(一)~(四)OR(4)
- ●實驗室安全OR(0)
- ●研究倫理OR(0)
- ●博士論文2R(12)



院級必修課程

- ●分子醫學(D)1R(2)
- ●中醫藥講座(B)1R(2)



所級必修課程

- ●中西醫學結合專題討論(一)1R(1)(1234567)
- ●中西醫學結合專題討論(二)1R(1)(1234567)
- ●轉譯醫學1R(2)(12)
- ●中西醫學結合專題討論(三)2R(1)(1234567)
- ●中西醫學結合專題討論(四)2R(1)(1234567)



選修課程

- ●高等中西醫結合臨床研究方法學1S(2)(16)
- ●高等中西藥物開發新趨勢1S(2)(147)
- ●高等蛋白質體學暨轉譯醫學應用1S(2)(127)
- ●高等粥狀動脈硬化學1S(2)(3)
- ●高等分子醫學1S(2)(1234567)
- ●高等腫瘤生物學暨轉譯醫學應用1S(2)(127)
- ●高等中西醫比較藥理學1S(2)(23)
- ●高等質譜分析於轉譯醫學應用1S(2)(134)
- ●高等基因遺傳學2S(2)(23)
- ●高等臨床試驗設計與分析2S(2)(126)
- ●高等分子認知神經科學2S(2)(34)

建議年級(0,不限) 必修(R) 選修(S) 學分數 對應核心能力 1 R S (3)(123)

Curriculum Map of the Doctor's Program of Graduate Institute of Integrated Medicine in the 113th academic year at China Medical University

Our Educational goals:

- 1. Cultivate educators and research leaders specializing in Integrated Medicine
- 2. Foster educators and research leaders encompassing basic and clinical knowledge in Integrated Medicine
- 3. Cultivate educators and research leaders proficient in conducting clinical trials for Integrated Medicine

The minimum number of the credits required for graduation is 32, including 14 from required courses, 6 from elective courses (4 credits shall be from the courses offered by this Institute, and the other 2 credits selected from the courses equal to, or higher than, those of the doctor level, or from the courses recognized by the school). And 12 credits for the M.D. Thesis.

Our Core competencies:

- 1. Proficiency in clinical medical skills incorporating Integrated Medicine
- 2. The ability to objectively analyze clinical issues and identify rational solutions from scientific literature
- 3. Expertise in teaching in the Integrated Medicine related fields
- 4. The capacity to participate in and execute academic exchanges and international collaborations
- 5. The commitment to professional medical ethics and the spirit of academic research
- 6. Competence in developing, conducting, analyzing, and presenting integrated clinical research projects in Integrated Medicine
- 7. Leadership in innovative and forward-thinking research

School-level required courses

- Lecture on modern biomedicine 1~4 0R (4)
- Laboratory Safety 0R(0)
- Research Ethics 0R(0)
- Ph.D. Dissertation 2R(12)

College-level required courses

- ●Molecular medicine(D) 1R
- •Lecture on traditional Chinese medicine(B) 1R(2)

Institute-level required course

- Seminar on integrated medicine(I) 1R(1)(1234567)
- Seminar on integrated medicine(II) 1R(1)(1234567)
- Translational medicine 1R(2)(12)
- Seminar on integrated medicine(III) 1R(1)(1234567)
- Seminar on integrated medicine (IV) 2R(1)(1234567)

選修課程

- Advanced topics on research methodology in integrated medicine 1S(2)(16)
- Advanced new trends in Chinese & Western-drug development 1S(2)(147)
- Advanced proteomics & translational medicine1S(2)(127)
- Advanced topics on atherosclerosis) 1S(2)(3)
- Advanced molecular medicine 1S(2)(1234567)
- Advanced tumor biology& translational medicine)1S(2)(127)
- Advanced comparison of Chinese & Western pharmacology1S(2)(23)
- Advanced mass spectrometry analysis to translational medicine research 1S(2)(134)
- Advanced molecular genetics 2S(2)(23)
- Design & analysis in advanced clinical trial 2S(2)(126)
- Advanced molecular cognitive neuroscience 2S(2)(34)

