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| 科號Course Number：XXX | 學分Credit：3 | | 人數限制Size of Limit： 15 |
| 中文名稱Course Title：科學家、學術生涯與學術倫理 | | | |
| 英文名稱Course English Title：Life as a Scientist and the Academic Career | | | |
| 任課教師Instructor：潘犀靈Ci-Ling Pan | | | |
| 上課時間Time：WaWbWc | | 上課教室Room：物218 | |

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| 課程大綱： |
| 1. 課程說明(Course Description)   A number of students are interested in considering Academics as a career path. The ecosystem of today’s academic world is getting more complex. This is a discussion-type course is intended to let the participants aware of the payoffs and challenges of the academic career. Students are expected to make presentations and participate actively in the discussion. Distinguished scholars will be invited to share their views on the subject. The course material will be based primarily on the book, "Academic Duty" 學術這一行, by Donald Kennedy, former President of Stanford University. Other major references include "Advice for a Young Investigator," by Santiago Ramon Y. Cajol, etc. Ethic issues, which were hot news items, will also be covered.  二、指定用書(Text Books)  1. Donald Kennedy, Academic Duty, Harvard University Press, 1999 (學術這一行，楊富亮譯，天下遠見，2000)  2. Santigo Ramon y Cojal, Advice for a Young Investigator, MIT Press (研究科學者的第一步 ─給年輕探索者的建議，程樹德譯，究竟出版社，2000）  三、參考書籍(References)   1. Joseph C. Hermanowicz, *The Stars are not Enough, Scientists – Their Passions and Professions*, University of Chicago Press, 1998. 2. Joseph C. Hermanowicz, *Lifes in Sciences: How Institutions Affect Academic Careers*, University of Chicago Press, 2009. 3. Peter B. Meadawar, *Advice to a Young Scientist*, Basic Books, 1st Ed., 1981. 4. Ernest L. Boyer, *Scholarship Reconsidered – Priorities of the Professoriate*, The Carnegie Foundation for the Advancement of Teaching, 1990.   四、教學方式(Teaching Method)  Extensive in-class discussion and guest lecturing.  五、教學進度(Syllabus)   1. Academic Freedom, Academic Duty 2. Preparing 3. To Teach 4. To Mentor 5. To Serve the University 6. To Discover 7. To Publish 8. To Reach Beyond the Walls 9. To Change     六、成績考核(Evaluation)  In-Class Participation: (35%)  Report: (65%)  Each student will hand in a report. He or She will also make a 15-minute presentation of the report to the class. |