

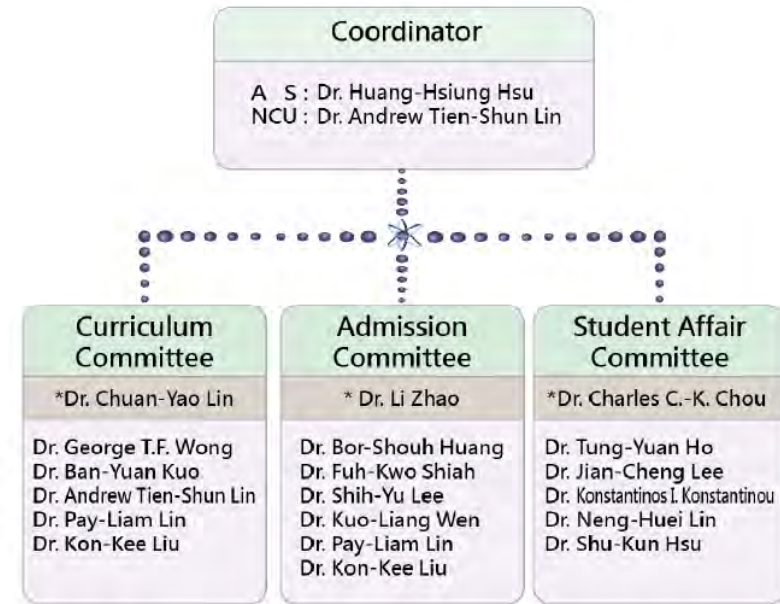
104年度國立中央大學系所自我評鑑

地球科學學院地球系統科學 國際研究生博士學位學程 自我評鑑簡報

報告人：林傳堯



簡介TIGP-ESS



*Chair of the committee



學程特色

國際化/全英文的教學設計

多元化的招生管道

-IIP、專門海外招生、大學訪問、
學者交流

資源豐富的研究環境

歷史悠久的學校系所

有系統的學習課程

多樣化的校園活動

招生目標:境外學生
TIGP-ESS 相當具有吸引力

其他因素:

優渥的獎學金制度及住宿:

-每月新台幣34,000元獎學金及保障住宿

資源共享的利基:

-中央大學與中研院的環境與師資

專門授課的情境:

-師生比3:1



國立中央大學

系所評鑑



SWOT自我分析

內部因素

優勢(Strengths)

- (1) 全英語教學。
- (2) 教師陣容完整堅強。
- (3) 硬體資源充沛。
- (4) 師生比3:1。
- (5) 國際學生佔多數。

弱勢(Weaknesses)

- (1) 地球化學領域師資不足。
- (2) 難吸引先進國家學生。

外部因素

機會(Opportunities)

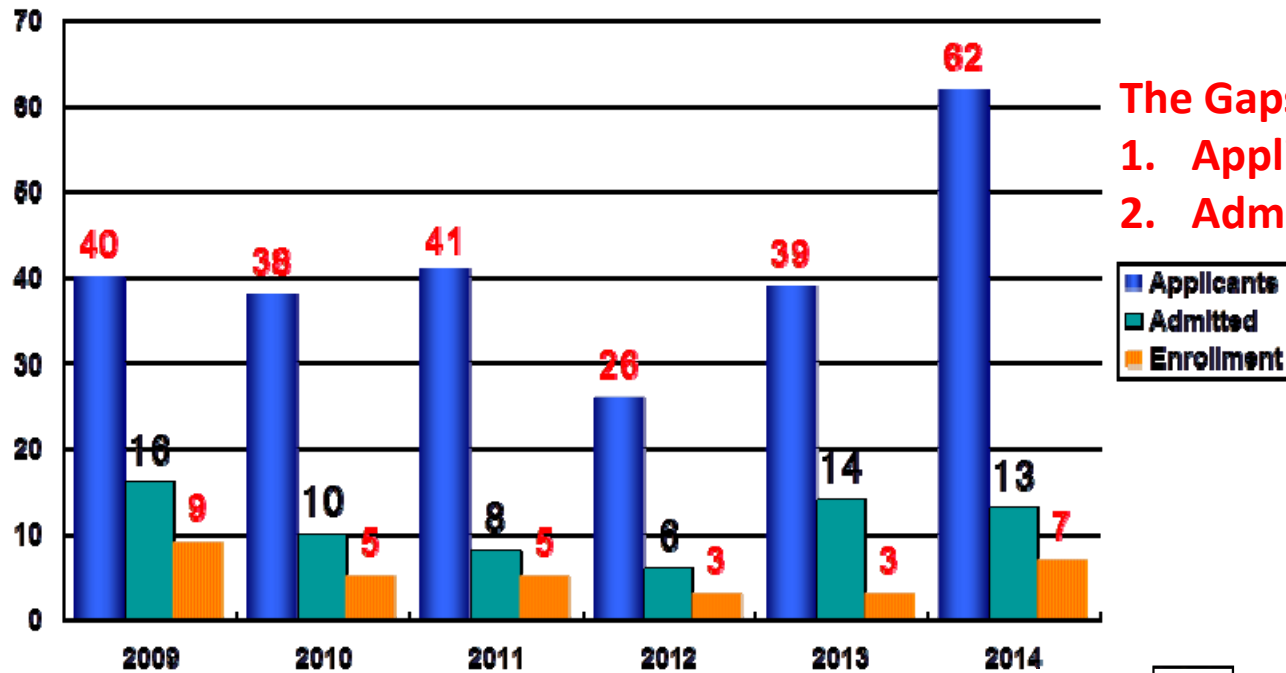
- (1) 台灣地質條件獨特，提供極佳場所。
- (2) 與其他頂尖大學洽談合作，吸引更多國內外優秀學生。

威脅(Threats)

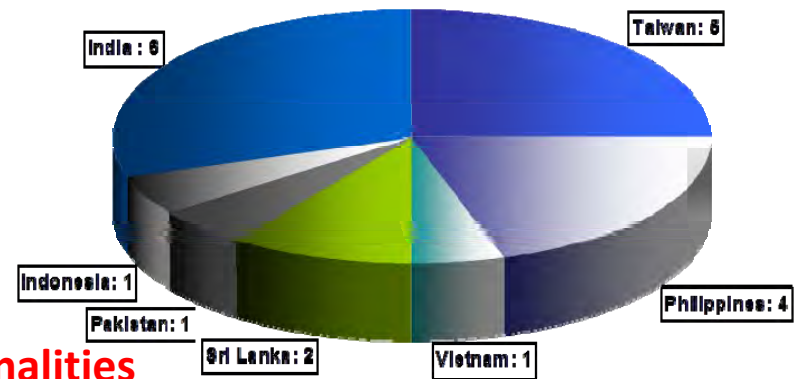
- (1) 優秀本地學生若申請到國外學校，會選擇出國深造。
- (2) 亞洲國家積極招收國際學生。



招生成果 & 現有學生 2009~2014



The Gaps : Between
 1. Applicants and Admitted
 2. Admitted and Enrollment

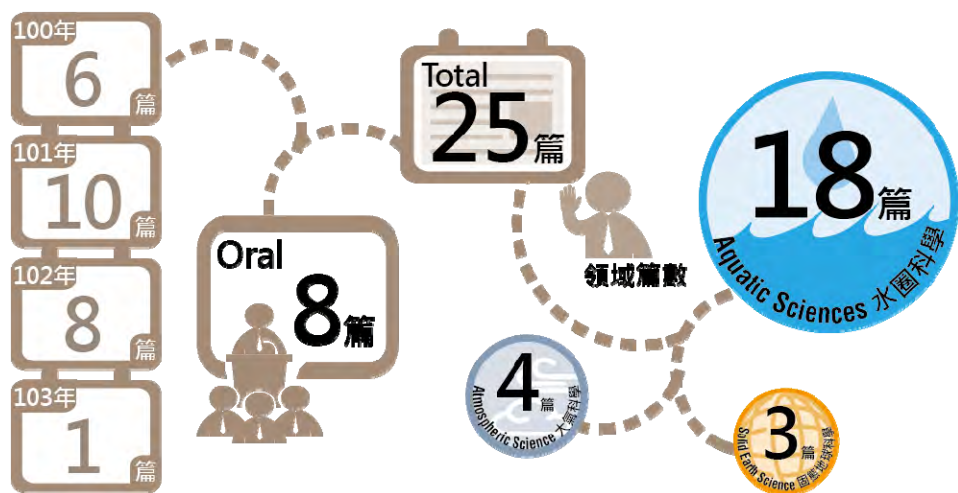


Total: 20
 From: 7 nationalities



評鑑項目三：學生輔導與培育優質人才

學生研討會發表論文之篇數



學生參與研討會地點分布及發表篇數



100-103學年度

TIGP-ESS Students at Conferences

At the European Geoscience Union
Annual Conference, Vienna, 2013



Winning the "Best poster" of the PhD students (Space science category) at the ROC Meteorological Society Annual meeting 2015 !!



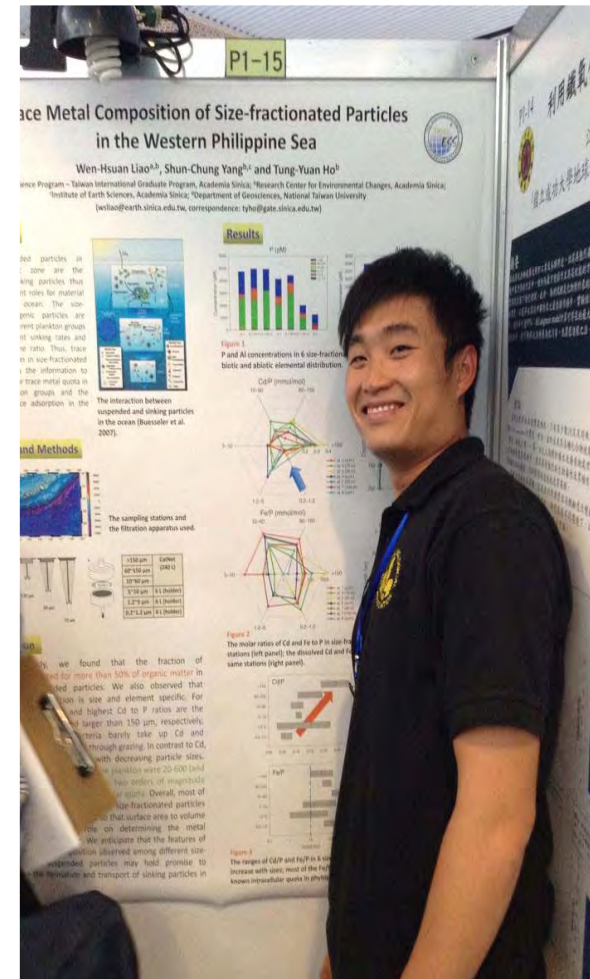
TIGP-ESS Students at Conferences

At the International Aerosol conference, Busan, South Korea 2014



TIGP-ESS Students at Conferences

At the Taiwan Ocean Science conference 2014

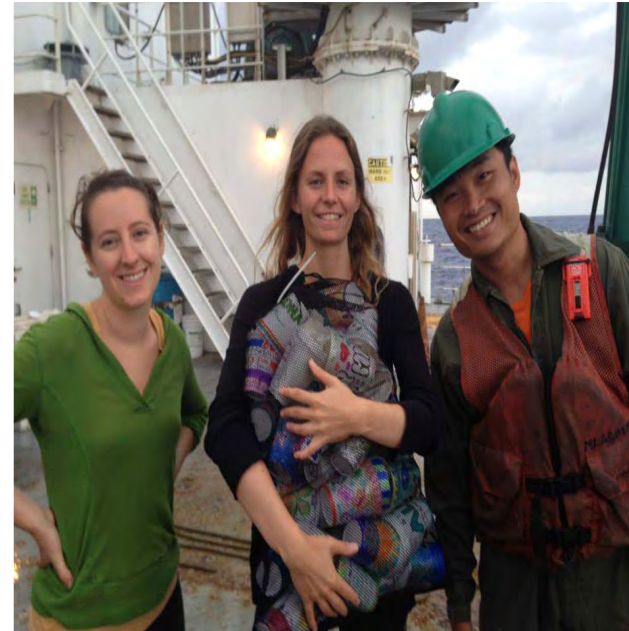


Winning the "Best poster" at the MOST Ocean Science Conference 2014!!



TIGP-ESS Students at workshop

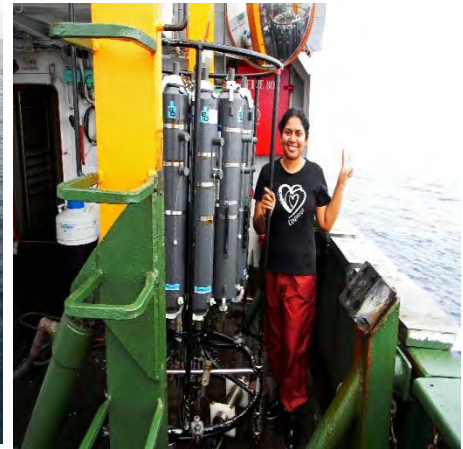
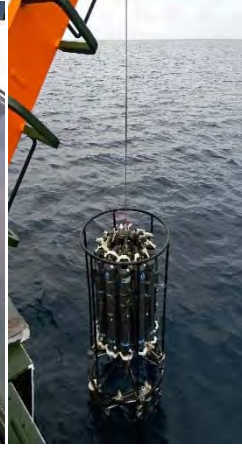
At the Biogeochemistry International Summer camp in Hawaii 2014



Field Work – Solid Earth Sciences



Field Work – Aquatic Sciences



Field Work – Atmospheric Sciences



Sampling in RCEC's Aerosol Sampling Stations



評鑑項目五：畢業生表現與自我改善



TIGP-ESS學生學習成效之PDCA循環改善機制



Our young graduates: Dr. Hsiao and Dr. Nguyen.
Congratulations! Both they are postdoctoral
researcher s.

Q&A 待釐清問題及回覆

Q1：TIGP-ESS為一極具特色的國際研究生博士學位學程。學程如何吸收國外優秀研究生？相關之規劃及行動方案為何？

A1:

- (1)基本: 完整英文網站、定期更新資訊、每年文宣品印製；
- (2)傳統: 固定的留遊學展覽會議；
- (3)進階: 教育部使館、定期地毯式調查相關系所、網路宣傳、新聞發送、寄送招生宣傳給國外大學；
- (4)私人: 研究人員網路、訪問國外大學機會；
- (5)國外招生: 與TIGP辦公室合作，每年拜訪國外大學，宣傳與招生
- (6)課程調整: 有鑑於近年來申請學生對跨領域研究興趣日增，TIGP-ESS將檢討課程內容，規劃更具前瞻性的跨領域課程，延攬跨領域專長教師，以圖吸引更多優秀外籍生申請。
- (7)其他: 磁吸效應、學生網絡 (透過現有的優秀學生宣傳TIGP-ESS)



Q&A 待釐清問題及回覆

Q2：關於博士班入學人數減少的情況，TIGP-ESS是否有因應調整的必要性？

A2：

(1)由於TIGP的招生目標是以境外學生而非台灣學生為主，目前台灣因為少子化和學歷光環消失的現象尚未嚴重影響TIGP的招生。最近兩年，入學人數已經有回升的跡象。有鑑於近年來申請學生對跨領域研究興趣日增，TIGP-ESS將檢討課程內容，規劃更具前瞻性的跨領域課程，延攬跨領域專長教師，以圖吸引更多優秀外籍生申請。

(2)至於相應的調整措施，TIGP於2012年將獎學金從NT32,000 調整到NT34,000，以加強在學程在國際學界間的吸引力。

另外，未來希望能提高對於女性以及有家庭的學生之友善度，以增加對優秀學生前來就讀的誘因。具體構想如增加托嬰和育兒的補貼、提供家庭式宿舍...等。



簡介TIGP-ESS



TiGP

- ESS 地球系統科學
- MST 分子科學與技術



Admission Requirements

1. Undergraduate and graduate academic records or transcripts.
2. The General Test of the Graduate Record Examination (GRE) (optional)
3. TOEFL (iBT 79)/ IELTS (5.5)/ GEPT (high-intermediate) test scores
4. Three letters of recommendation
5. Statement of purpose



TIGP-ESS招生資訊

The screenshot shows a web browser window with the URL <https://db1x.sinica.edu.tw/tigp/index.php>. The page features a banner for "APPLY ONLINE ACADEMIA SINICA Taiwan International Graduate Program" with the "TIGP" logo. A red notice states: "The application deadline for admission as a gradu".

Taiwan International Graduate Program Application On-Line, 2015

Announcement:
The application deadline for admission as a graduate student at TIGP is at March 31, 2015. The TIGP Apply On-line submission system will be closed down at midnight, March 31, 2015.
For copies of the TIGP application form, please check with the application form. [MS Word] [PDF]

Welcome to TIGP Online Application!

Please carefully read the instructions that display throughout the application. Before you start, please be sure you have a personal email address. You will receive a password so that you may return to work on your application. Your information is transmitted through a secure server and is confidential. You may submit your application one time, and once it is submitted, you cannot make changes.

To get started on your application, select the **create account** button in the right panel.

We look forward to receiving your application in the near future! Best wishes!

User Login

Username

Password

[Can't log on? Forgot your password?](#)

Create an Account

If you are new to our application, please click on the button below to register for a new account.

The Windows taskbar at the bottom shows the system clock as 下午 05:42, 2015/3/23.



TIGP-ESS招生資訊

2014 年度

https://db1x.sinica.edu.tw/dore/listm.php

APPLY ONLINE
ACADEMIA SINICA
Taiwan International Graduate Program

TIGP

Home Log out

2014 年度

Total 65 items, each page 100 items, sorted by 編號 descendent

Query

序號	正本 (英文成績單 (GRE))	編號	姓名	國籍	組別	申請日	申請方式	狀態	上次登入次數	備註
1	XXXX	ESS0001	Bantwale Diresw Enyew	Ethiopia	Atmospheric Sciences Solid Earth Sciences	2013-12-12 15:57:52	internet	Evaluated	2014-09-23 17:13:29/48	
2	XXXX	ESS0002	Md. Salahuddin Sheikh	Bangladesh	Atmospheric Sciences Aquatic Sciences	2013-12-21 14:05:27	internet	Pending evaluation	2015-03-03 15:43:25/28	
3	XXXX	ESS0003	SHAZIA FARZANA	Bangladesh	Atmospheric Sciences Aquatic Sciences	2013-12-22 18:22:45	internet	Pending evaluation	2014-03-04 00:28:32/19	
4	XXXX	ESS0004	Muhammad Saiful Islam Khan	Bangladesh	Atmospheric Sciences Solid Earth Sciences	2013-12-09 21:31:17	internet	Pending evaluation	2014-05-30 19:30:58/120	
5	XXXX	ESS0005	Emmanuel Onome Okeremu	Nigeria	Solid Earth Sciences Atmospheric Sciences	2014-01-17 21:31:46	internet	Submitted	2014-01-29 22:10:00/10	
6	XXXX	ESS0006	Tilahun Mezgebu Belay	Ethiopia	Atmospheric Sciences Solid Earth Sciences	2014-01-20 22:30:42	internet	Submitted	2014-01-20 22:42:28/3	
7	XXXX	ESS0007	Muhammad Ali Lakhani	Pakistan	Solid Earth Sciences Atmospheric Sciences	2014-01-22 22:45:28	internet	Submitted	2014-01-25 20:57:46/7	
8	XXXX	ESS0008	Puskar Pande	India	Atmospheric Sciences Solid Earth Sciences	2014-01-27 14:53:28	internet	Pending evaluation	2014-03-12 19:49:30/4	
9	XXXX	ESS0009	Daniel Murungi Kironde Kibirige	South Africa	Atmospheric Sciences Aquatic Sciences	2014-02-05 00:22:51	internet	Submitted	2014-03-31 17:34:26/12	
10	XXXX	ESS0010	MD. HASAN IMAM	Bangladesh	Solid Earth Sciences Aquatic Sciences	2014-01-04 15:53:46	internet	Submitted	2015-03-22 01:23:06/18	
11	XXXX	ESS0011	Ema Michael Abraham	Nigeria	Solid Earth Sciences Atmospheric Sciences	2013-12-10 04:57:38	internet	Submitted	2014-04-04 05:23:20/14	
12	XXXX	ESS0012	Mawutorli Nyarku	Ghana	Solid Earth Sciences	2014-01-29 00:34:24	internet	Submitted	2014-06-19 20:53:03/35	
13	XXXX	ESS0013	Muhammad Usman Usman Farid	Pakistan	Atmospheric Sciences Solid Earth Sciences	2014-02-06 21:14:08	internet	Evaluated	2015-02-07 17:21:33/23	
14	XXXX	ESS0014	Wendy Wen Lim	Malaysia	Aquatic Sciences	2014-01-28 22:39:58	internet	Pending evaluation	2014-02-19 20:43:10/10	
15	XXXX	ESS0015	SHOUKET ALI	Pakistan	Solid Earth Sciences	2014-01-03 10:58:18	internet	Submitted	2014-03-01 04:18:58/30	
16	XXXX	ESS0016	Zeeshan Jilani	Pakistan	Solid Earth Sciences	2014-02-07 17:19:38	internet	Pending evaluation	2014-04-21 17:07:42/14	
17	XXXX	ESS0017	Swibola Oun	Cambodia	Solid Earth Sciences	2014-03-03 18:35:56	internet	Submitted	2014-03-05	

下午 05:44
2015/3/23



TIGP-ESS招生資訊

TIGP onLine

https://db1x.sinica.edu.tw/tigp/preview.php


APPLY ONLINE
ACADEMIA SINICA
Taiwan International Graduate Program

Tigp

Home Log out

Home

Part I. Applicant's Information

Number Applied:	ESS0053			
Program / Department Applied:	Earth System Science Solid Earth Sciences Lab or Advisor: Dr. Andrew Tien-Shun Lin			
Name:	Rahul Kumar Gupta			
Chinese Name:				
E-mail:	[Redacted]			
Citizenship:	India			
ID Number:				
Passport Number:	[Redacted]			
ARC Number:				
Date of Birth:	[Redacted]			
Gender:	Male	Marital:		Single
Telephone:	--	Mobile Phone:		[Redacted]
Permanent mailing Address:	Quater No-1/8A, Street No-64,Simjuri,Chittaranjan,District-Burdwan,West Bengal,India,Pin-713331			
Current Mailing Address:	Room No-C319,NSCB Hostel,IISER-Kolkata,Mohanpur,District-Nadia,West Bengal,India,Pin-741246			
Legal guardian or contact person, in case of emergency				
Name:	Rahul Kumar Gupta			

Windows Taskbar: 下午 05:47 2015/3/23



TIGP-ESS招生資訊

The screenshot shows a web browser window titled "TIGP onLine" with the URL <https://db1x.sinica.edu.tw/tigp/preview.php>. The page displays the details of three referees for an application. At the bottom, it shows the applicant's signature as "Rahul Kumar Gupta".

Referee 1

Name:	Devapriya Chattopadhyay
E-mail Address:	devapriya@iiserkol.ac.in
Mailing Address:	Indian Institute of Science Education and Research (IISER), Kolkata, Main Campus Mohanpur, W. B. - 741246 India
Country:	INDIA
Phone:	+91-41559-9874155997
Title/ Position:	Assistant Professor
Institute/Company:	IISER Kolkata
Relationship to you:	Course Instructor
Recommendation:	

Referee 2

Name:	Supriyo Chakraborty
E-mail Address:	supriyoc@gmail.com
Mailing Address:	
Country:	INDIA
Phone:	+9102-02590-4427
Title/ Position:	Scientist E
Institute/Company:	IITM-Pune,India
Relationship to you:	Summer Project Adviser
Recommendation:	

Referee 3

Name:	Sutapa Bose
E-mail Address:	sutapa.bose@iiserkol.ac.in
Mailing Address:	Indian Institute of Science Education and Research (IISER), Kolkata, Main Campus, Mohanpur, W. B. - 741246 India
Country:	INDIA
Phone:	+91-81452-83082
Title/ Position:	Ramanujan Fellow
Institute/Company:	IISER Kolkata
Relationship to you:	Master Thesis Adviser
Recommendation:	

Applicant's Signature : Rahul Kumar Gupta

Taskbar: Windows 7, icons for Internet Explorer, VLC, Firefox, Chrome, Office, Skype, PowerPoint, Word, system tray with date/time: 下午 05:46 2015/3/23



More information

Welcome to visit our Websites:

✓ TIGP (國際研究生學程)

<http://tigp.sinica.edu.tw/>



✓ TIGP Online (招生專門網站)

<https://db1x.sinica.edu.tw/tigp/>



✓ TIGP-ESS (ESS學程網站)

<http://www.rcec.sinica.edu.tw/tigp-ess/index.html>

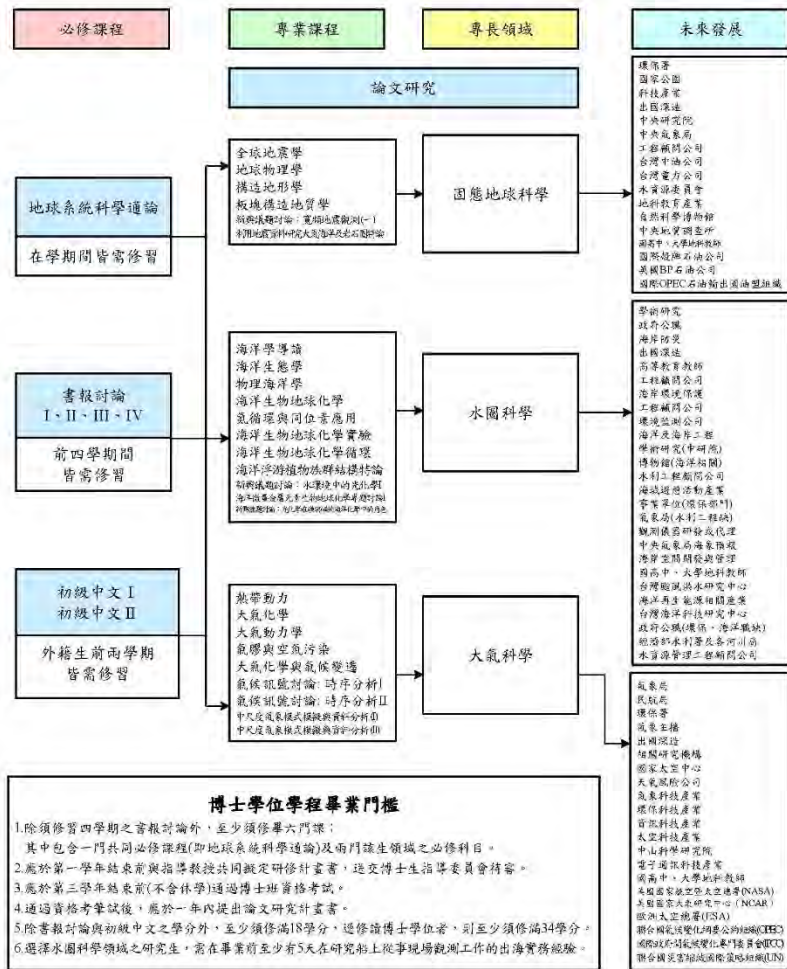


評鑑項目一：教育目標與重點發展



評鑑項目二：課程、教學與評量

地球系統科學國際研究生博士學位學程課程地圖



國立中央大學 系所 評鑑

