ACADEMIC ADVISING 2014-15

OFFICE OF ACADEMIC ADVISING AND SUPPORT

26 AUGUST 2014



OVERVIEW

1. **Student Feedback from last year**
2. **Science Student Intake 2013-14**
3. **Advising Timeline**
4. **New School Foundation Courses**
5. **Updates on Major Declaration**
6. **What is IRE? And transfer to IRE**
7. **Introduction of SCIE 1000**
8. **MySCI**
9. **Poster for Academic Advising**

FEEDBACK ON ACADEMIC ADVISING

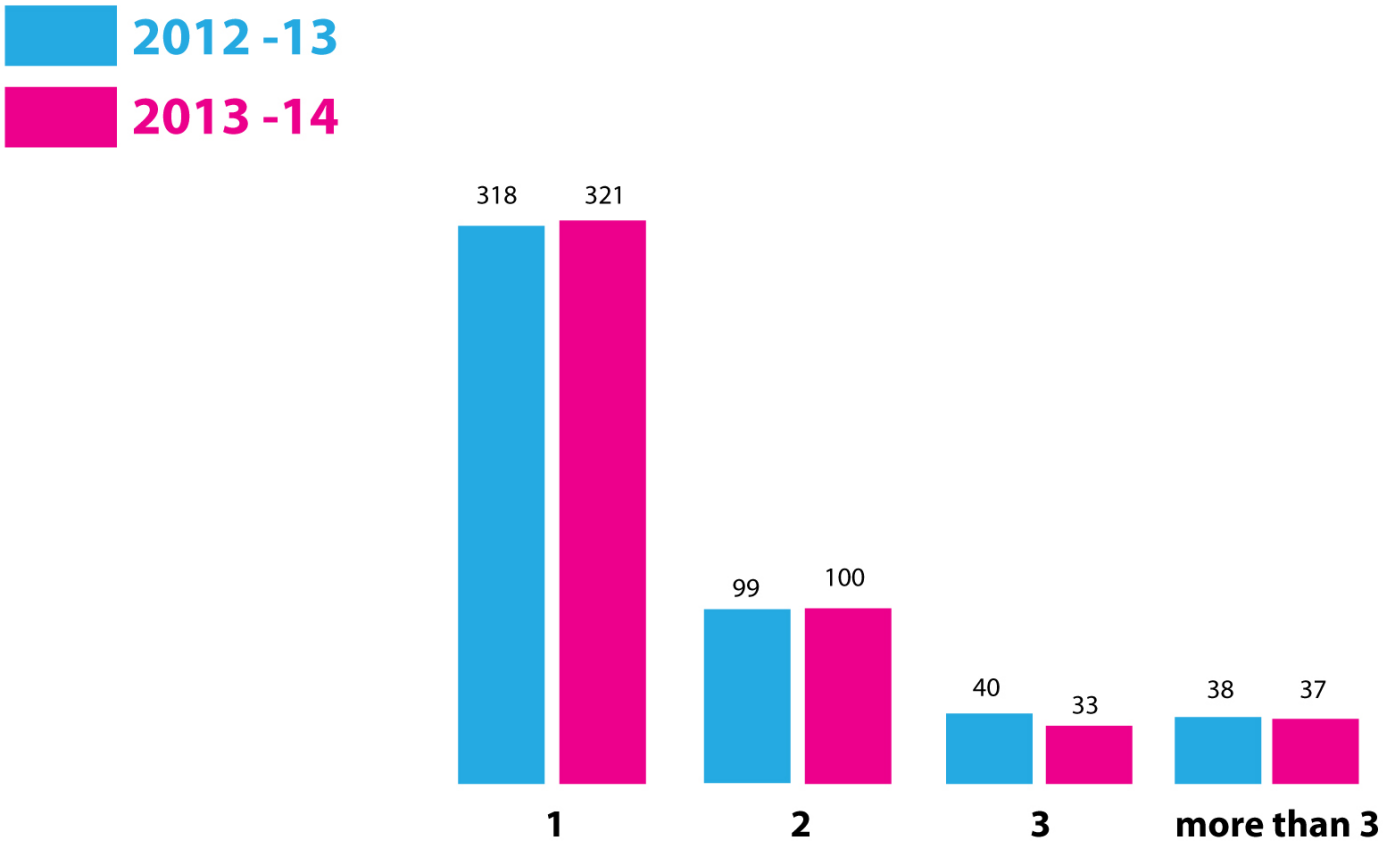
Total Respondents:

2012/13: 495 students
2013/14: 491 students

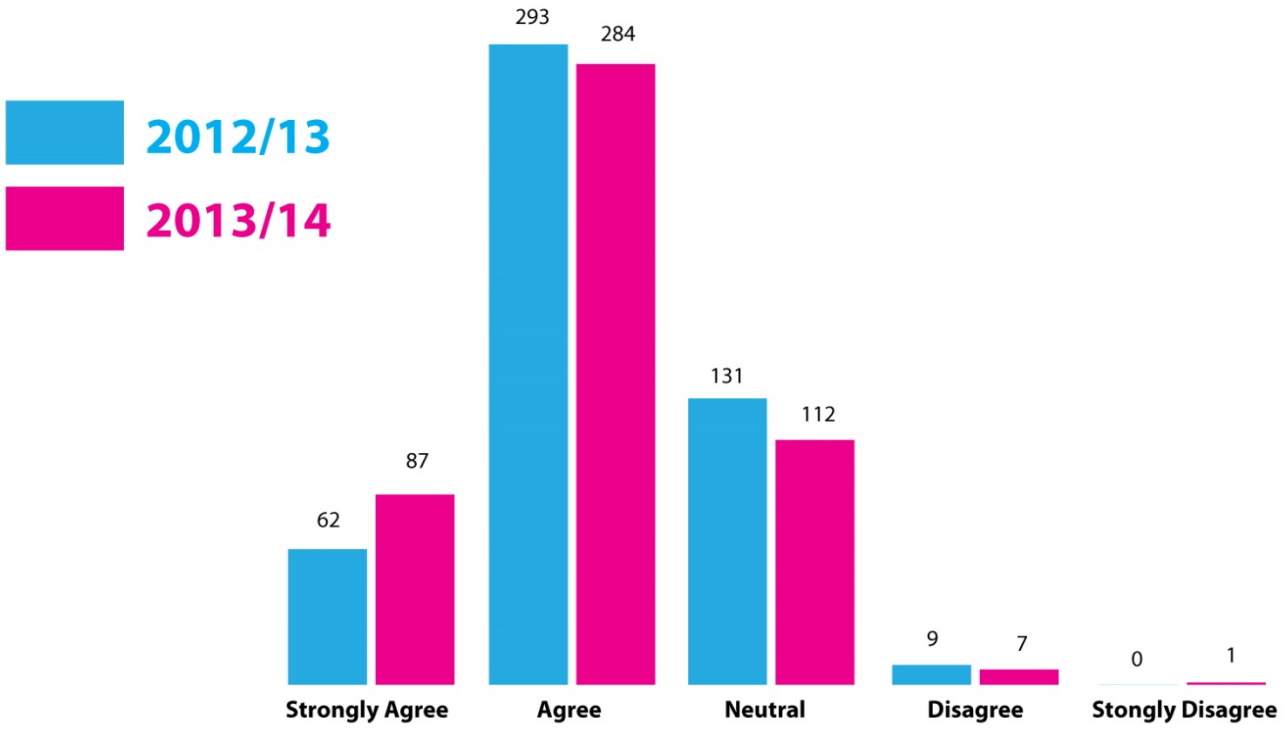
ACADEMIC ADVISING EXPERIENCE

PRE-MAJOR FACULTY ADVISOR

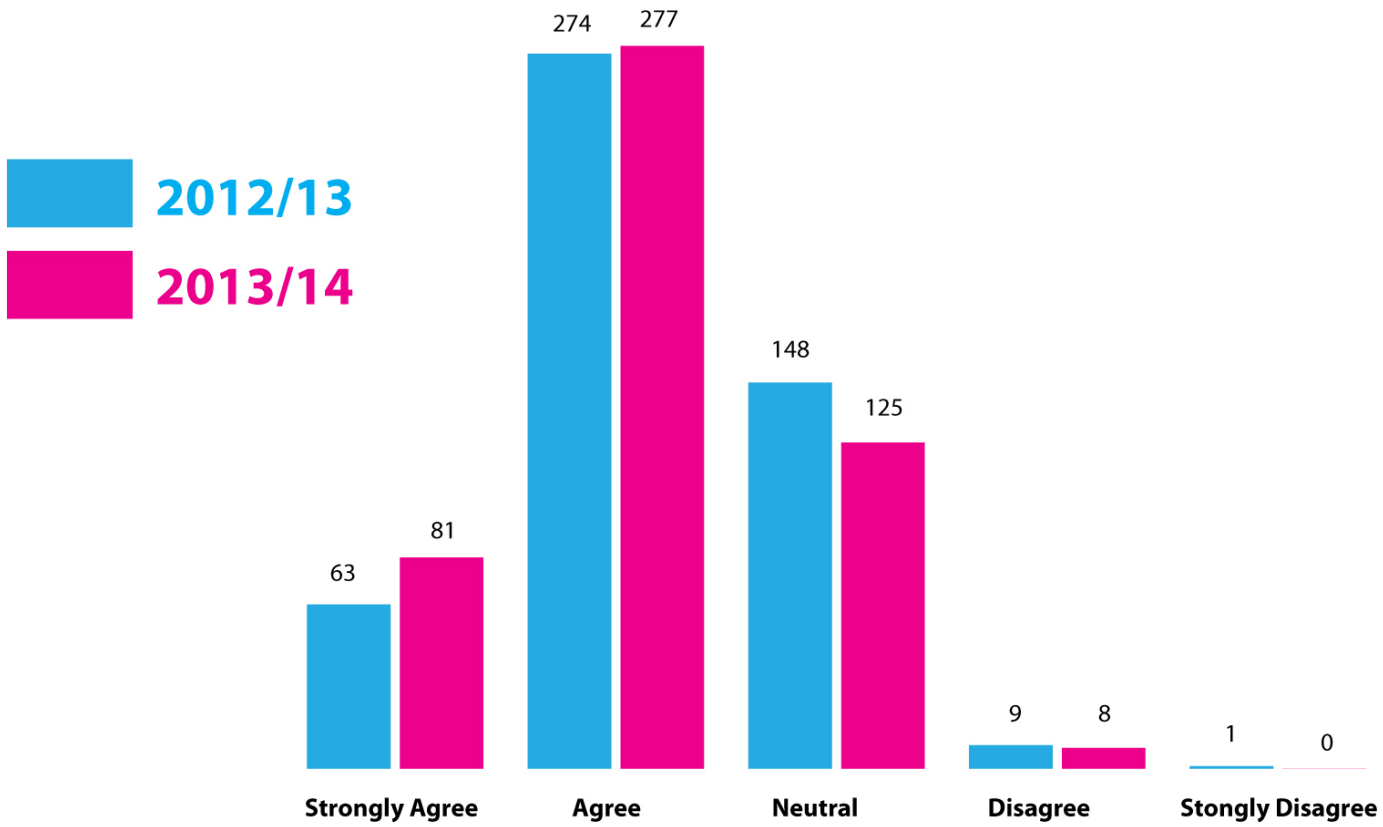
How many contacts (email/in-person/phone calls) did you have with the Faculty Advisor in the past year?



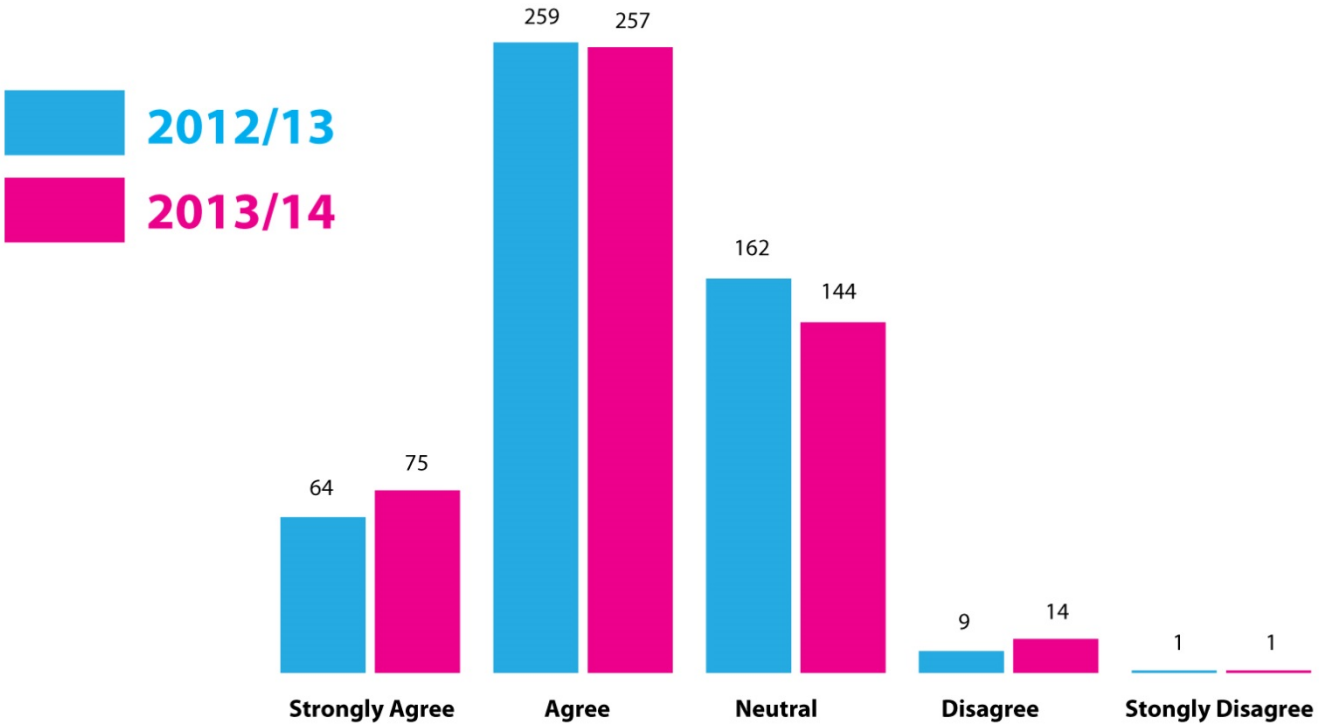
My faculty advisor is readily available to me during advising hours, by appointment or by email.



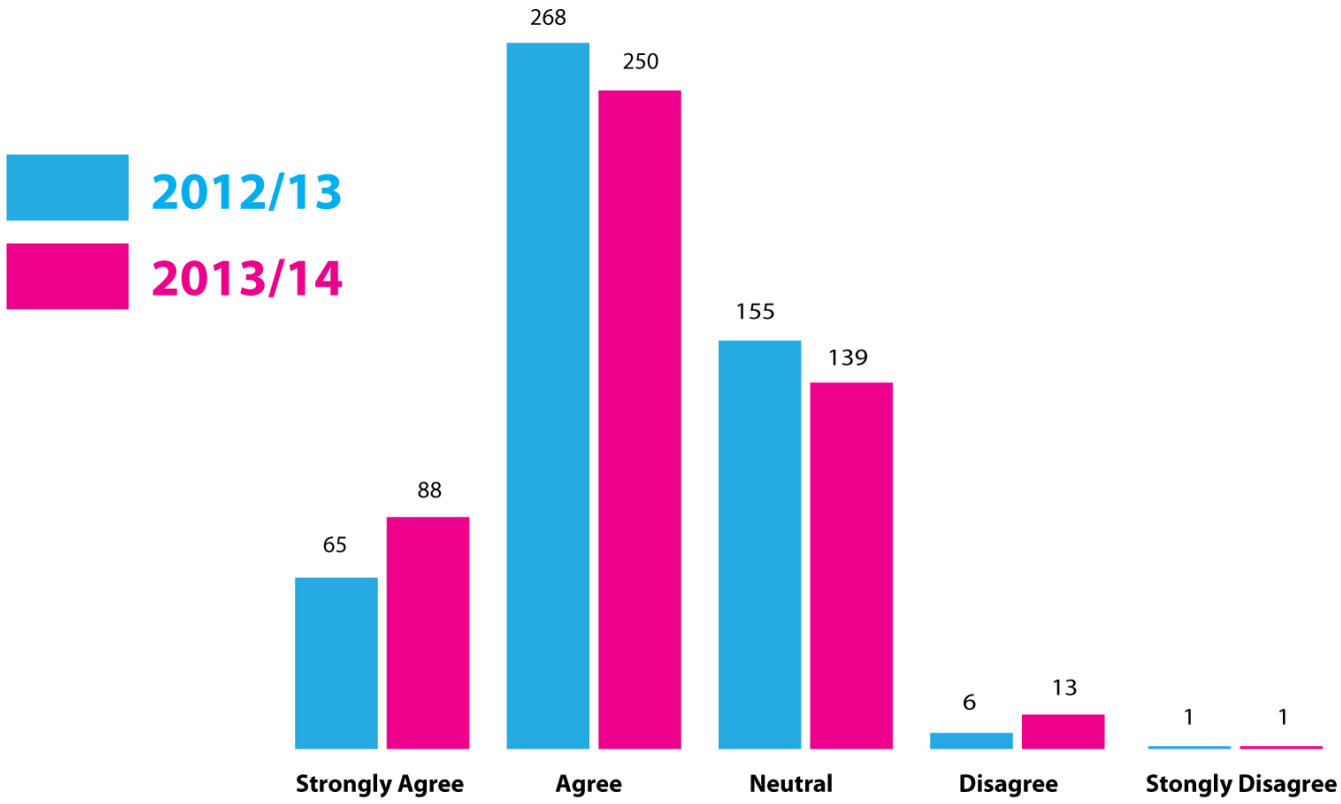
My faculty advisor gives me accurate information about academic policies, course and major requirement.



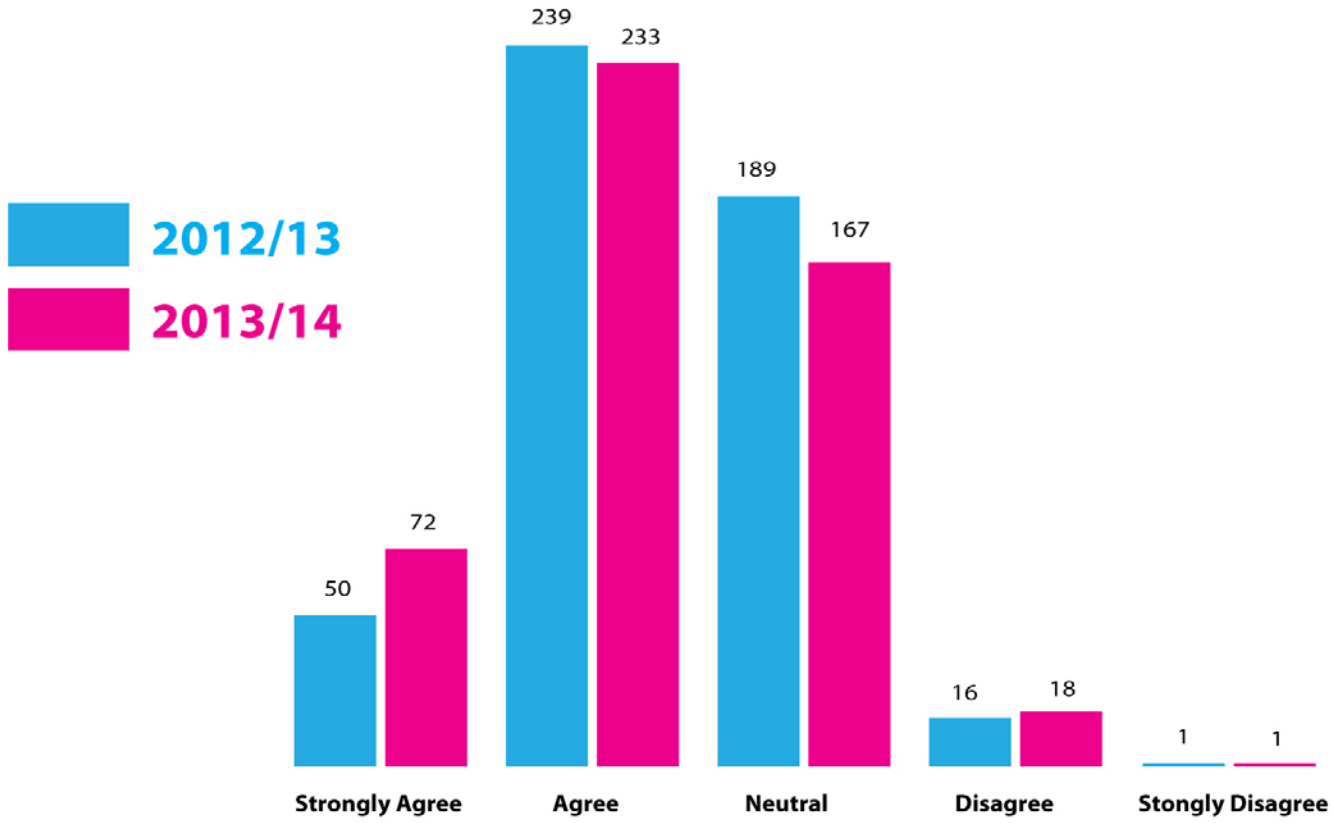
My faculty advisor considers my personal abilities, talents and interests when advising me about courses or majors of study.



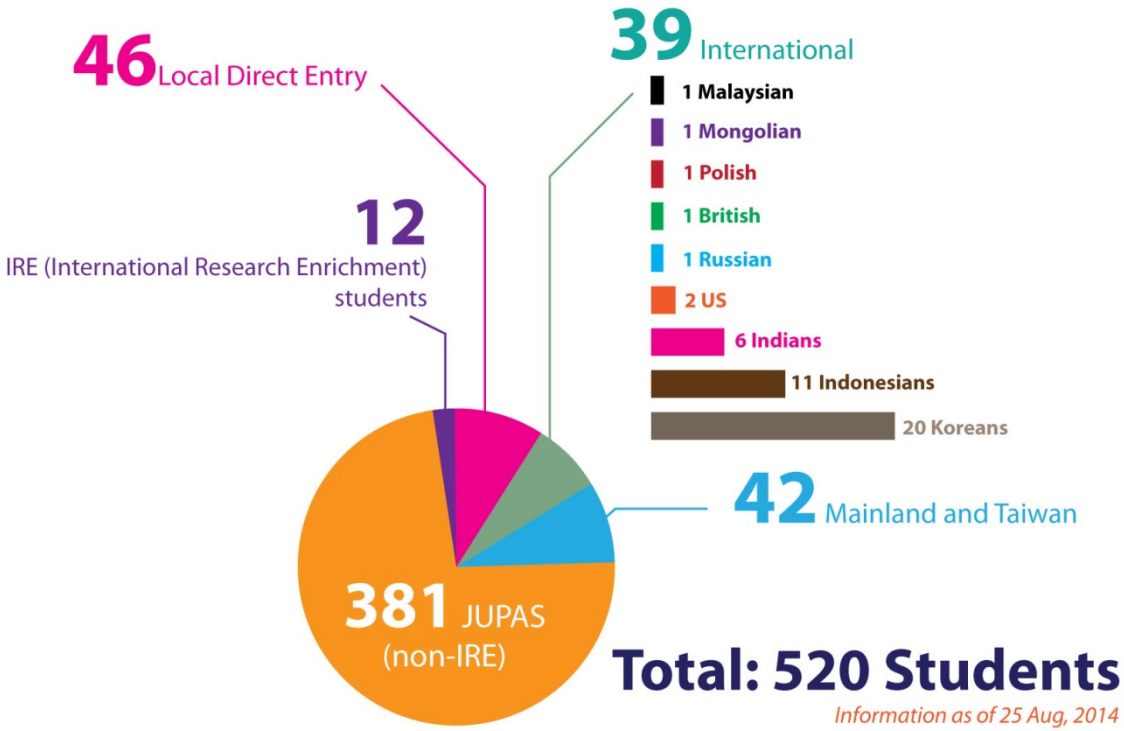
My faculty advisor encourages me to express my thoughts and feelings.



My faculty advisor has assisted me in developing a long-term education plan.



Science Students Intake 2014-15



Total: 520 Students

Information as of 25 Aug, 2014

Admission Scores: Sum of DSE scores of ENG + MATH +Best 3

	SSCI JUPAS students	IRE students
Highest Score:	31	34
Mean Score:	23.74	32.36
Lowest Score:	22	31

DSE Grade:	1	2	3	4	5	5*	5**
Admission Score:	1	2	3	4	5	6	7

Advising Timeline and Key Events

1 Sept
Fall term Commences

1-15 Sept
Add/Drop Period

12 Sept
SCIE 1000
Meet your pre-major facutly advisor
Time: 6-6:50pm

27 Oct - 4 Nov
Sciece Majors Week
An annual event where students can learn more about different majors

14 Nov
SCIE 1000
Meet your pre-major facutly advisor
Time: 6-6:50pm



2014

6 Oct - 3 Nov
Early -round
Major Declaration Period
Only for those who have earned 15-30 credits on entry



2 Feb
Spring Term Commences

1 Mar -30 Apr
First-round
Major Declaration Period

Major Declaration Procedure:

- Fulfill major pre-requisites requirements
- ⇩
- Meet Pre-major Faculty Advisor
- ⇩
- Submit Major Declaration Form by 30 Apr
- ⇩
- Results released in mid-June
- ⇘ No offer



Dec 2015
Second-round
Major Declaration Period

2015

End Feb-End Apr
SCIE 1000
One-on-one advising session:
4-5 sessions a week, each lasts for ~30mins

NEW SCHOOL FOUNDATION COURSES

LIFE SCIENCE:

LIFS1901

LIFS1902

LIFS1030

LIFS2030 (offered in 2015 Fall or earlier)

CHEM:

CHEM1004

CHEM1010/CHEM1020

CHEM1030

PHYS:

PHYS1001

PHYS1111/1112/1312

PHYS1114/1314

MATH:

MATH1003/1013/1023/1020

MATH1014/1024

MATH2023

MATH2121

MATH2131 (higher level Algebra)

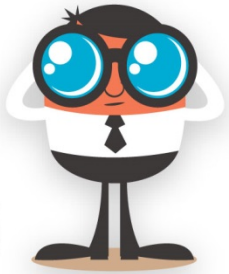
for students of MATH - Advanced Track)

UPDATES ON MAJOR DECLARATION

1. **BEST 4 Science foundation courses**
   - Lab courses are excluded
   - Doesn't need to be major pre-requisites
2. **Division of Life Science becomes one choice**
3. **Average weighted grade**
4. **For non-JUPAS students who do not have enough foundation courses, any science lecture courses except SCIE will be counted**
5. **Guarantee Major**

5** in 1X subject in HKDSE	Guarantee major
Physics	PHYS
Chemistry	CHEM
Biology	BCB/BIO/BISC/ENVS
Math M1 or M2 (compulsory part not included)	MATH/MAEC

Explore 10 Majors



PHYS

1 ***BSc in Physics (PHYS)***
- Applied Physics Option
- Physics and Mathematics Option
- Honors Physics Option
- International Research Enrichment Track

MATH

2 ***BSc in Mathematics and Economics (MAEC)***

3 ***BSc in Mathematics (MATH)***
- Applied Mathematics Track
- Computer Science Track
- Mathematics and Physics Track
- Pure Mathematics (Advanced) Track
- Pure Mathematics Track
- Statistics and Financial Mathematics Track
- International Research Enrichment Track

CHEM

4 ***BSc in Chemistry (CHEM)***
- Biomolecular Chemistry Option
- Material Chemistry Option
- Pure Chemistry Option
- Environmental and Analytical Chemistry Option
- International Research Enrichment Track

LIFS

5 ***BSc in Biochemistry and Cell Biology (BCB)***
- International Research Enrichment Track

6 ***BSc in Biological Science (BISC)***

7 ***BSc in Biotechnology (BIOT)***
- International Research Enrichment Track

ENVS

8 ***BSc in Environmental Science (ENVS)***
- International Research Enrichment Track

IPO*

9 ***BSc in Environmental Management and Technology (EVMT)***

10 ***BSc in Risk Management and Business Intelligence (RMBI)***

**IPO also offers a 5-year Dual Degree Program in Technology and Management*

PAST MAJOR DECLARATION RESULT

Total number, CGA Mean and StDev of the students getting into each major

Program	No. of students		CGA Mean		StDev	
	2013	2014	2013	2014	2013	2014
BCB	49	64	3.108	3.056	0.351	0.393
BISC	59	47	2.417	2.078	0.487	0.449
BIOT	21	30	2.662	2.952	0.469	0.292
CHEM	92	90	2.872	2.672	0.358	0.44
PHYS	57	70	2.921	2.921	0.555	0.63
MATH	103	66	2.681	2.599	0.534	0.576
MAEC	30	28	3.312	3.393	0.356	0.404
ENVS	47	45	2.66	2.606	0.342	0.277
RMBI (for science students)	8	10	3.239	3.231		
EVMT (for science students)	16	21	3.068	2.99		
DDP	0	0	-	-	-	-

WHAT IS IRE?

(International Research Enrichment Track)

- **Participation in forefront research under the supervision of world-class professors**
- **Exchange opportunity in a renowned foreign university**
- **Summer research internship opportunity**
- **Early research opportunity**
- **Individualized supervision from experienced HKUST faculties throughout the program**

SIX MAJORS + FREE CHOICE

1. **BSc in Physics (PHYS)**
2. **BSc in Mathematics (MATH)**
3. **BSc in Chemistry (CHEM)**
4. **BSc in Biochemistry and Cell Biology (BCB)**
5. **BSc in Biotechnology (BIOT)**
6. **BSc in Environmental Science (ENVS)**

SCHOOL REQUIREMENT FOR IRE STUDENTS

- **SCIE 1500 - 4500 Guided Study on Research I – IV (4 credits)**
- **Additional Science Electives 2000-level or above (6 credits)**
- **SCIE 3900 International Summer Research Experience (3 credits)**
- **UROP 1100 Undergraduate Research Opportunities (0 credit)**

TRANSFER TO IRE

- **Quota is very limited**
- **Excellent academic performance**
- **Students can apply to transfer to IRE after they are admitted to their intended major**
- **Applicants will be interviewed by School’s IRE committee**
- **Result will be released in Aug 2015**

Minimum CGA requirement and quota, if any, of options and tracks:

		CGA requirement (yes/no)	Quota (yes/no)
CHEM	Biomolecular Chemistry Option	No	No
	Environmental and Analytical Chemistry Option	No	No
	Material Chemistry Option	No	No
	Pure Chemistry Option	No	No
PHYS	Applied Physics Option	No	No
	Physics and Mathematics Option	yes	No
	Honors Physics Option	yes	no
MATH	Applied Mathematics Track	no	yes
	Computer Science Track	no	yes
	Mathematics and Physics Track	yes	yes
	Pure Mathematics (Advanced) Track	yes	yes
	Pure Mathematics Track	no	yes
	Statistics and Financial Mathematics Track	no	yes

We need not publish it, but we should advise and answer students accordingly.

SCIE 1000 SCIENCE SCHOOL INDUCTION

Course description:

- **This is a one-year course designed for year 1 Science students. It provides induction activities to help students adapt to university life, and to understand the program structure of the School and the meaning of university education. Led by faculty, staff, and peers, students will learn and practice skills such as teamwork, communication, time management, and goal setting.**

- **Required Course for all 1st year Science students**
- **0 Credit (Pass/Fail)**
- **One-year course (Fall & Spring Term)**
- **18 Groups (each group led by Pre-major Faculty Advisor and 2-3 Peer Mentors)**
- **5 COMPULSORY sessions + 2 Activities per term**

FALL TERM SCHEDULE

5 Compulsory sessions:

1. 5 Sep: Induction
2. 12 Sep: Meet with your advisees
3. 27 Oct-4 Nov: Science Majors Week (any one session)
4. 3-14 Nov: Course pre-registration for Spring
5. 14 Nov: Meet with your advisees

+ 2 selective activities:

For example:

- Go Science Luncheon
- School-organized seminars and activities
- Meet the professional Series
- Study group
- Picnic, etc

Assessment:

Attendance and pre/post self-assessment

Absence:

*In case of absence, student will have to complete a make-up journal

Week	Date	Category	Topics
1*	5 Sept (Fri)	Advising – informational	SCIE Induction
2*	12 Sept (Fri)	Advising – personal	Meet with the pre-major faculty advisor
9-10*	27-3 Nov	Advising – Informational Career – Informational	Science Majors Week + Alumni sharing
9-10	4 Nov (tbc)	Advising – Informational	IRE Info session
10*	3-14 Nov	Advising – Informational	Spring course pre-registration planning
11*	14 Nov	Advising – personal	Meet with the pre-major faculty advisor
2	8 Sept (Mon)	Social	Moon cake making
4	26 Sept (Fri)	Social	Courtyard mini concert
13	28 Nov	Social	Autumn picnic
13	28 Nov	Social	Bubble football competition
	Subject to peer mentor	Social	Peer mentor activity
2	13 Sept (Sat)	Language for fun	Sai Kung hiking tour (English)
3	17 Sept (lunch)	Language for fun	廣東話大茶樓 (Cantonese)
6	10 Oct	Language for fun	普通話殺人夜 (Putonghua)
8	24 Oct	Language for fun	Board game (English)
12	21 Nov	Language for fun	Board game (English)
3	19 Sept (Fri)	Science	iGem
5	3 Oct (Fri)	Science	God's particle - premiere
tbc	tbc	Science X Arts	Red Sprike
6	8 Oct	Science	SCI/LUNCH
12	19 Nov	Science	SCI/LUNCH
tbc	tbc	Science	Physics mini lectures
5	30 Sept (Tue)	Career	Meet the Professional – Seeing eye dog trainer
9	27-31 Oct	Career	Meet the Professional – Forensic scientist
tbc	tbc	Career	Meet the Professional – Digital Marketing CEO
tbc	tbc	Career	Meet the Professional – Dietitian
9	End Oct	Academic support	Study group

WEEK 2 12 SEPT 6-6:50PM

Take attendance & Introduction:

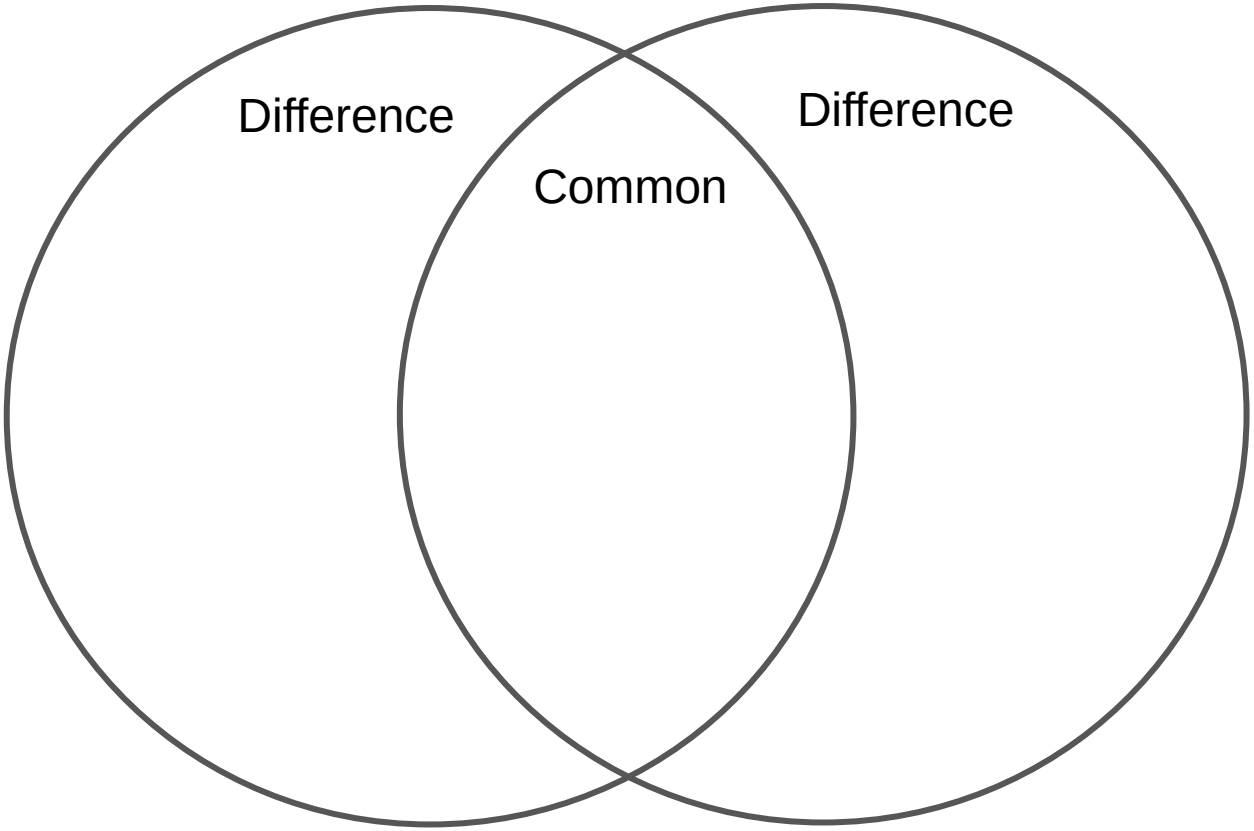
Introduce yourself. For example, what university did you graduate from? How did you end up teaching in HKUST? Briefly tell them what kind of advice you can give them.

Getting to know your students – Venn diagram

- Divide students into groups of three or four.
- Give each group a large sheet of butcher paper and a different color marker for each person. The students in each group are to discuss what their similarities and differences are. After the discussion, they are to draw a basic Venn diagram of three overlapping circles.
- Those things they all have in common go in the section where all three circles overlap.
- Things about the individual students that are different and unique go in the parts of the diagram that do not overlap at all.
- Each group to present their Venn diagram.
- Compare the various Venn diagrams from one group to the next.

If a group has a hard time getting started, give them some guidance by asking questions such as, "What is your favorite music?", "When is your birthday?", "What sports do you like?, or "Where were you born?"

VENN DIAGRAM

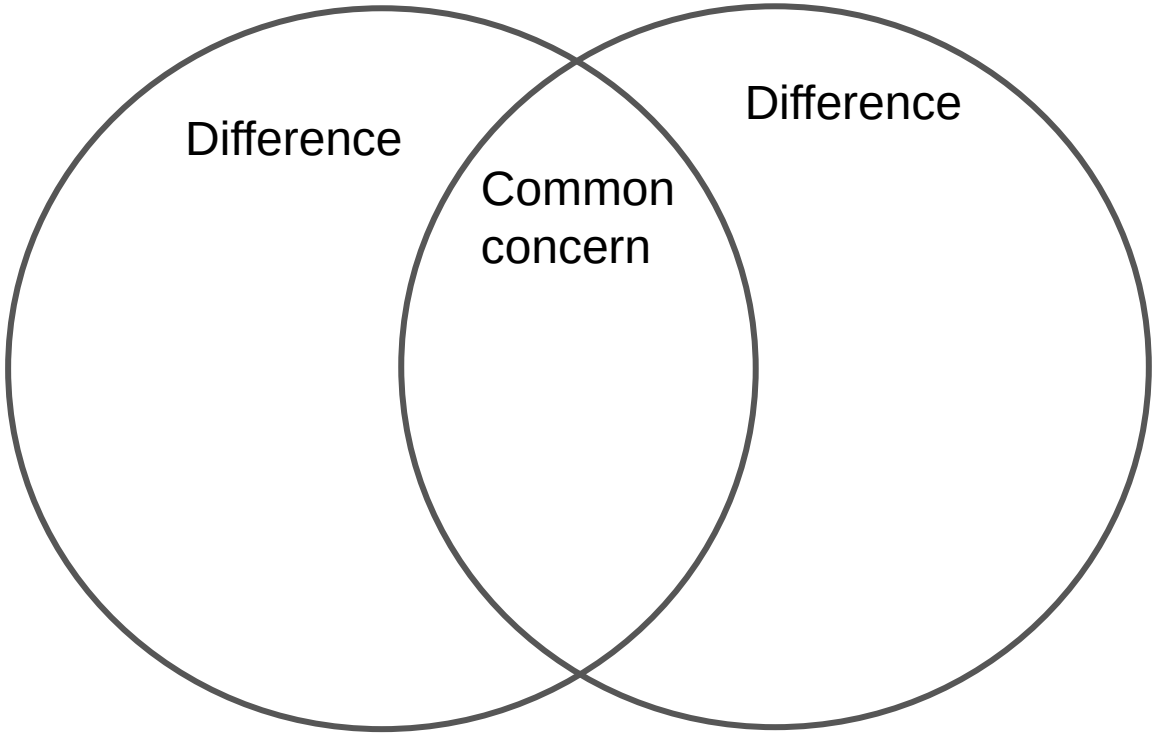


WEEK 11 14 NOV

Review student's adjustment experience at HKUST

Getting to know their concern: Venn diagram
Divide students into 3 or 4 groups. Each group has to discuss, complete and present their Venn diagram.

Debriefing: Address their concern and see if you can help solve it or make referral to peer mentors/advisor.



SPRING

THREE compulsory sessions:

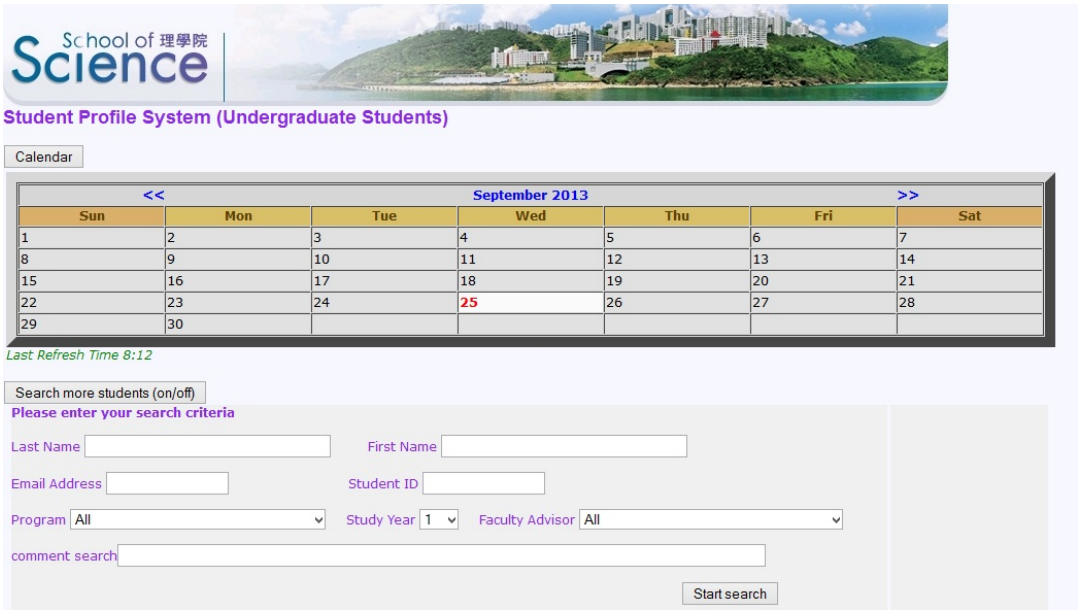
- Major declaration Info session
- Personality test (DISC, Big FIVE)
- Meet with Pre-major faculty advisor

TWO selective activities with emphasis on

- Major selection
- Alumni sharing
- Career related – meet the professional, industrial visit
- Exchange/Research Info session

NEW STUDENT PROFILE & ADVISEMENT SYSTEM





A new system to replace These 3 systems

Student Profile System (Old)

+

Advising Appointment System

+

Science For Success (Enrichment Programs Application System)

Key Features

For Students

-***Apply for enrichment programs***

-***View application status and history***

-***Make online advising appointment***

-***Maintain his/her profile***

-***Create Resume***

For Faculty and Staff

-***View Current Programs offering to Science Students***

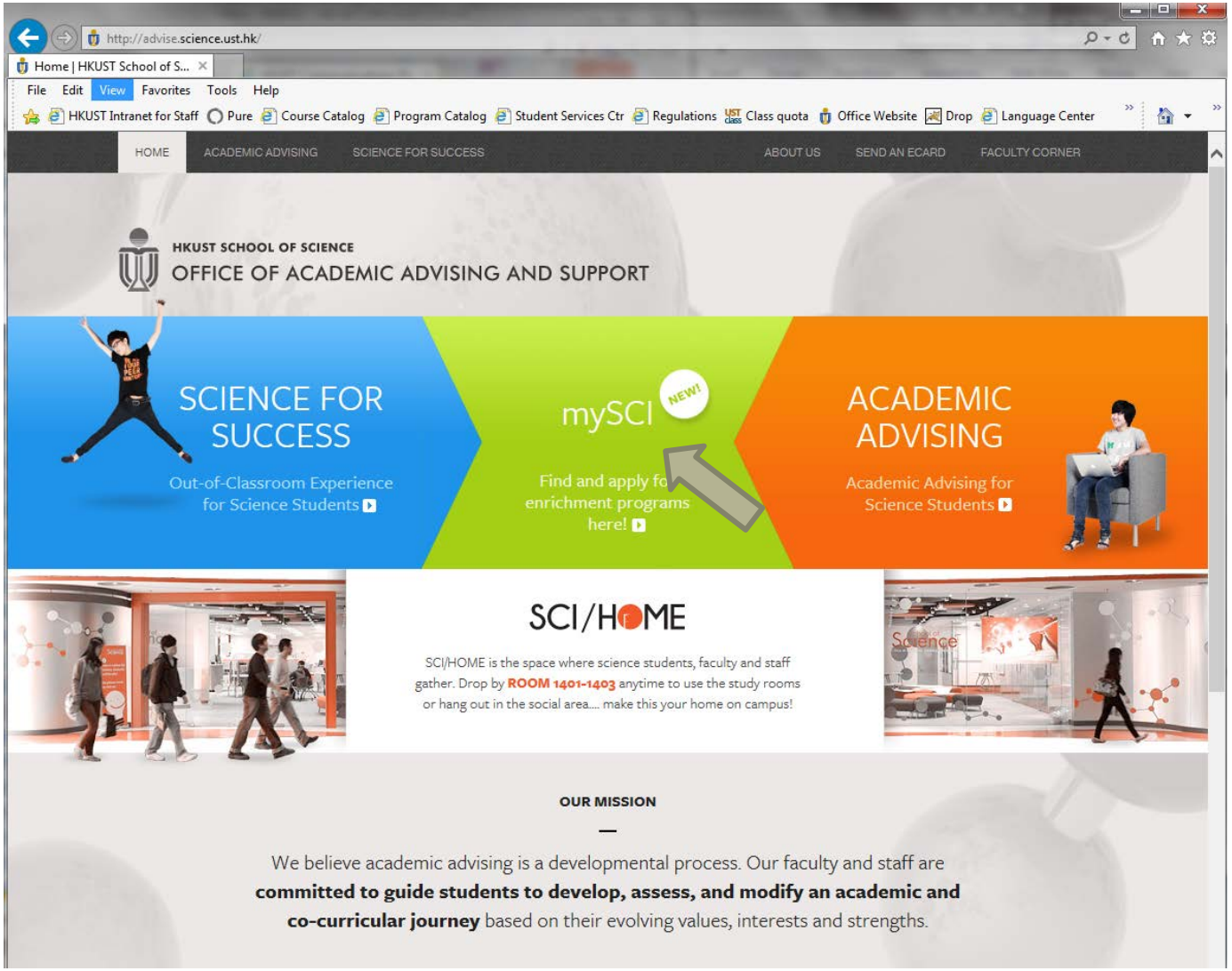
-***Create and Manage Advising Appointment (for 4Y faculty mentor ONLY)***

-***View student profile at one glance***

-***Record Advising comment (For faculty only)***

		SIS	MySCI
Student Particulars	Name, Academic plan, Academic level, email, Contact no., Address	√	√
	Photo	√	√
	Gender, Date of Birth, Secondary school	√	X
	Extra-Curricular Activity, Working Experience	x	√
	Computer skill, Language, Interest, Goal	x	√
	Awards/Qualifications	x	√
	Past activities record	x	√
Academic Record	Term GPA, Cumulative GPA, Course History, Public Exam	√	√
	Additional academic plan (e.g. minor or additional major)	√	x
	Past changes on academic plan	√	x
	Credit transfer Record (On entry, Exchange)	√	x
Advising	Timetable	√	x
	Transcript	√	x
	Graduation Requirement check	√	x
	Self-managed faculty mentor list	√	x
	Advising Appointment	x	√
	Advising comments (for Faculty only)	x	√

WEBSITE: HTTP://ADVISE.SCIENCE.UST.HK





From: treephoning@gmail.com
To: Yee Lai
Cc:
Subject: Advising Appointment - Confirmation
Sent: 21/7/2014 (週一) 15:58

Dear Advising Staff,

Student has made an appointment with you! Please refer to the following details:

Student Name: Test, STU1

Student ID: 90190899

Date: 2014-07-29 (Tue)

Time: 09:00 to 09:30

Venue: SCI/HOME

Area of Concern: Not specified

To manage your advising appointment, please login to **mySCI** at http://advise.science.ust.hk (Advising Appointment)

Should you have any question, please feel free to contact us at advise@ust.hk.

Regards,
Office of Academic Advising and Support
School of Science, HKUST
Tel: (852) 2358 6086
Email: advise@ust.hk
Website: http://advise.science.ust.hk

Comments?

Questions?

THANK YOU!!!



