# ACADEMIC ADVISING 2017-18

## OFFICE OF ACADEMIC ADVISING AND SUPPORT

## 14 SEPT 2017

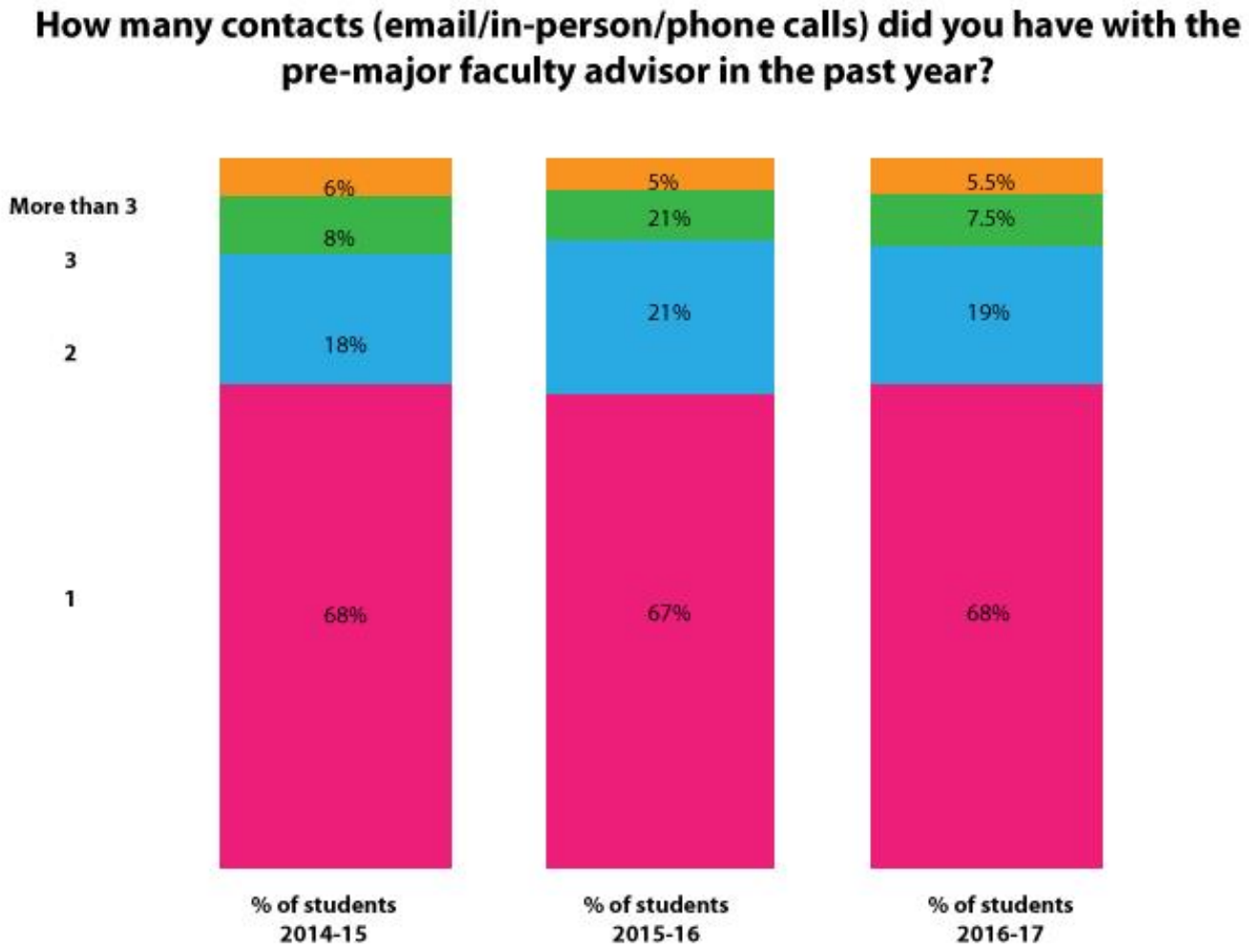


# OVERVIEW

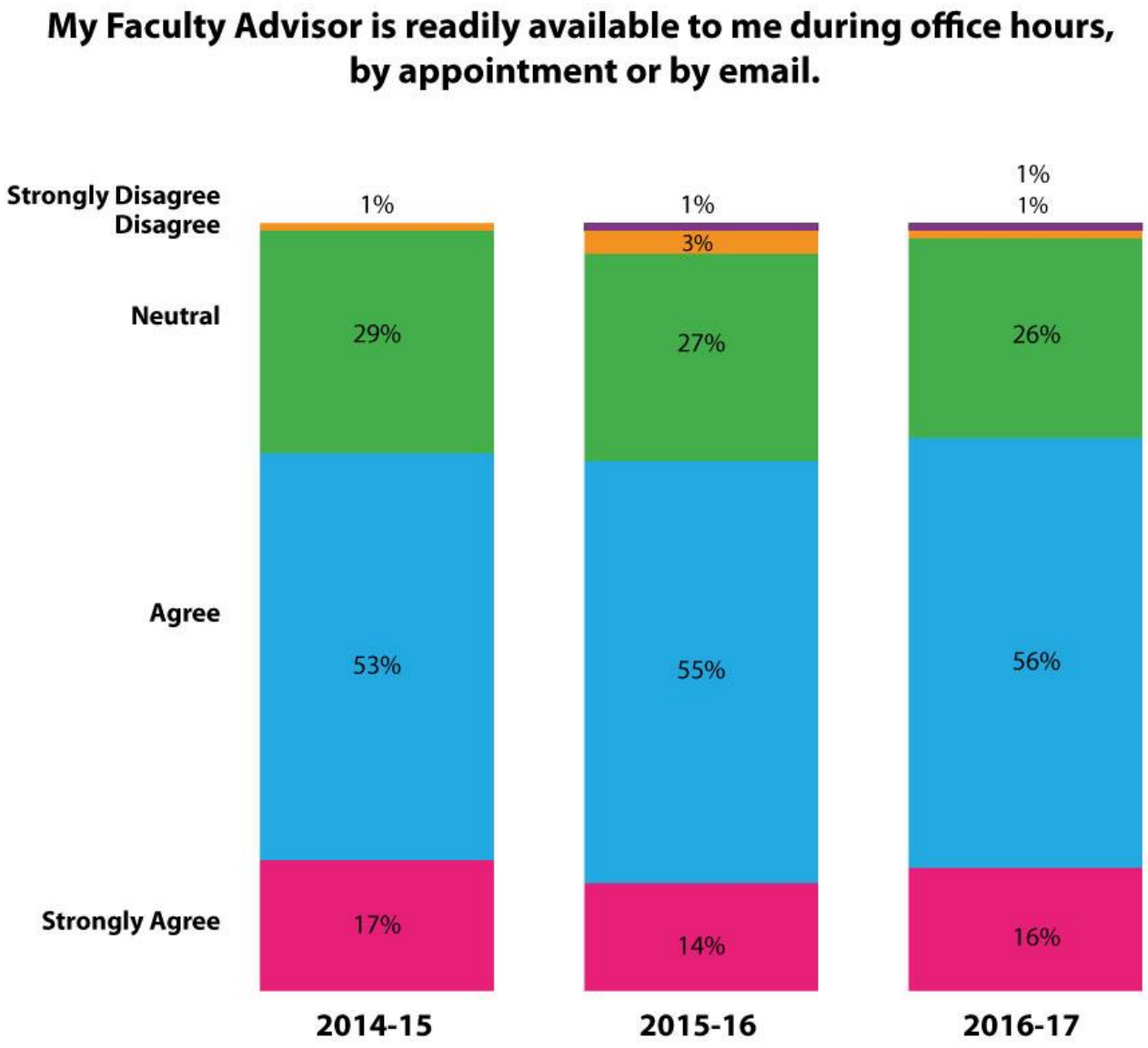
1. **Summary of Academic Advising Survey 2017**
2. **Science Student Intake 2017-18**
3. **Advising Timeline**
4. **SCIE 1000 – meet your advisees**

# SCHOOL-RUN ACADEMIC ADVISING SURVEY 2017

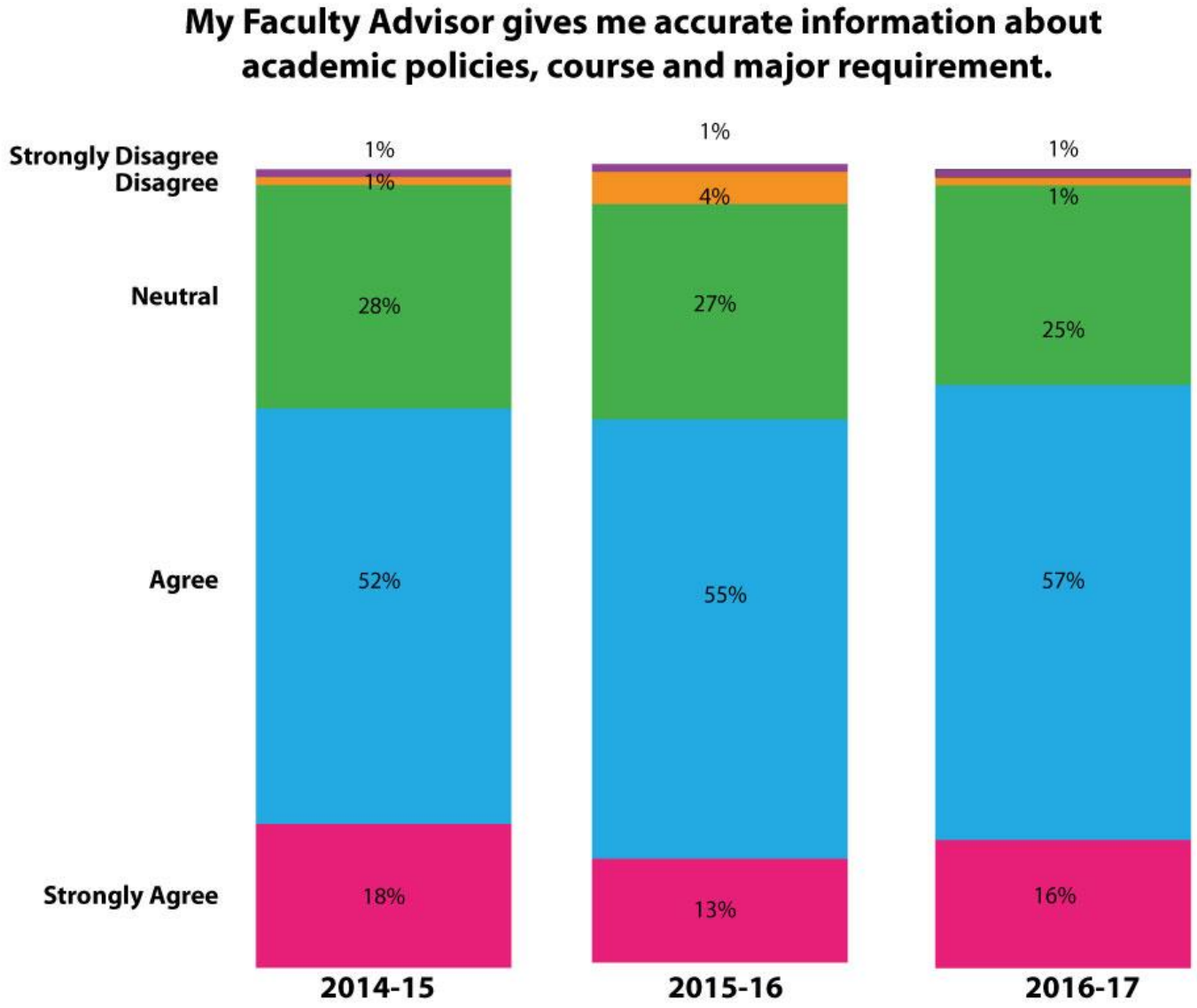
# ACADEMIC ADVISING SURVEY 2017



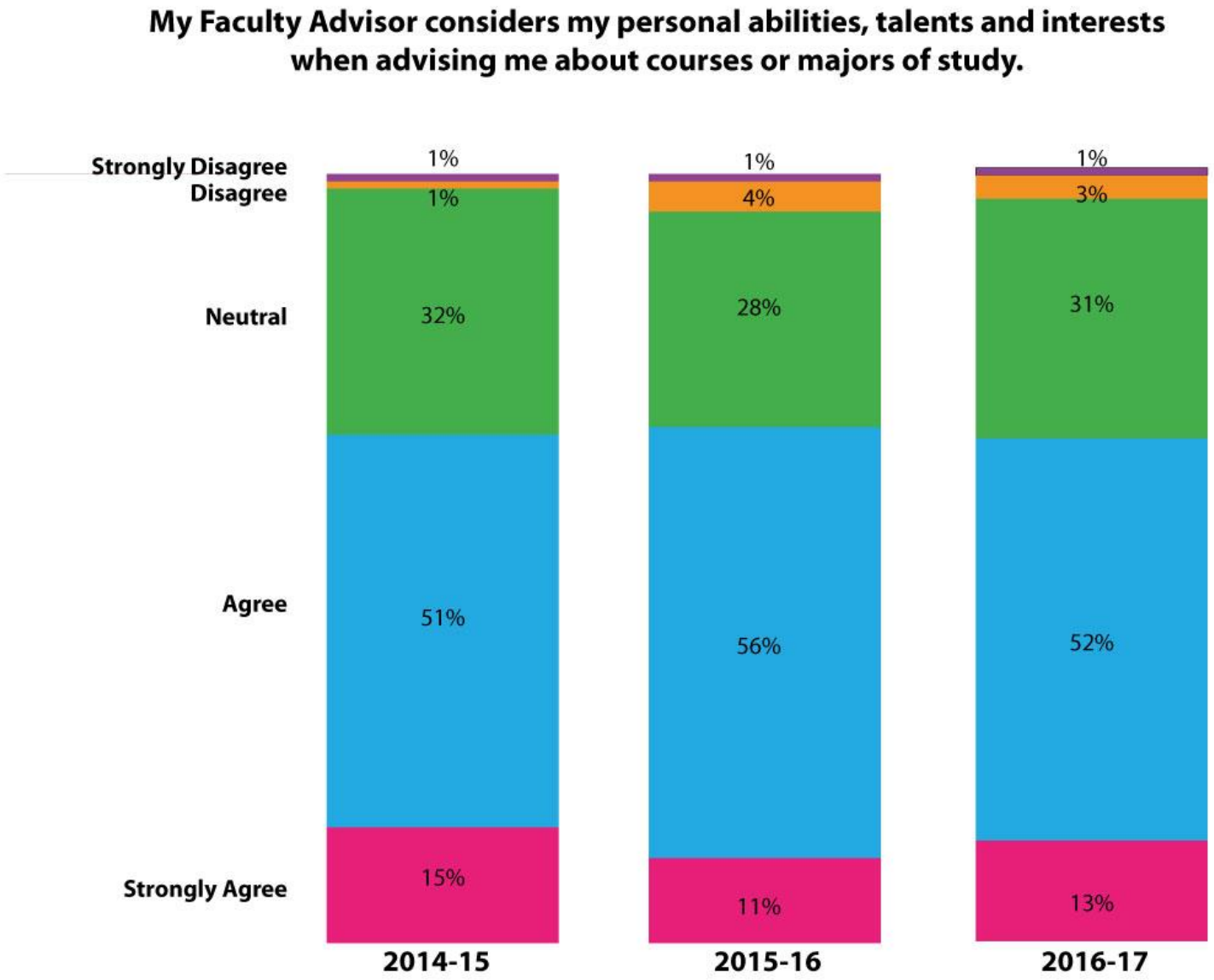
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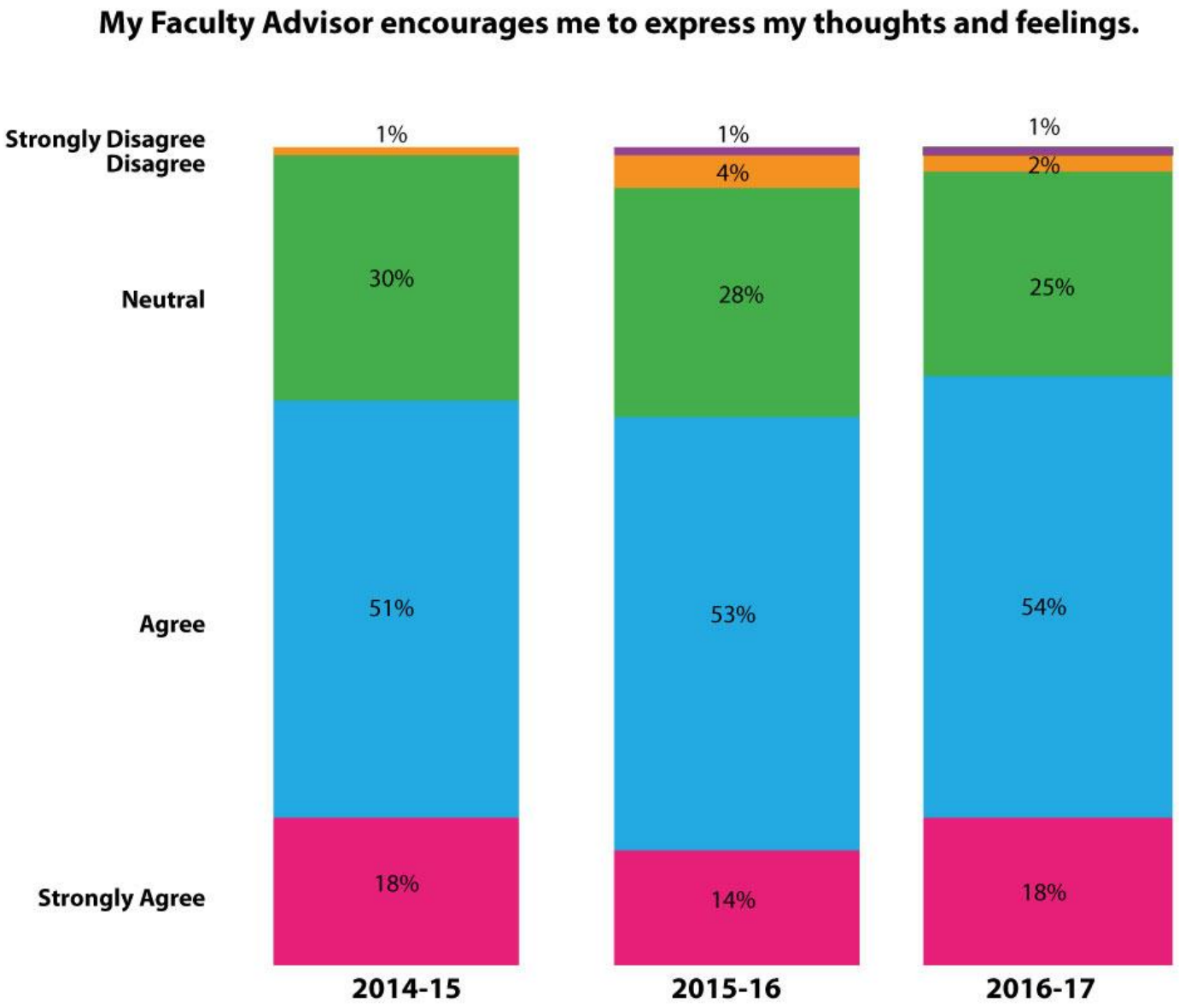
# ACADEMIC ADVISING SURVEY 2017



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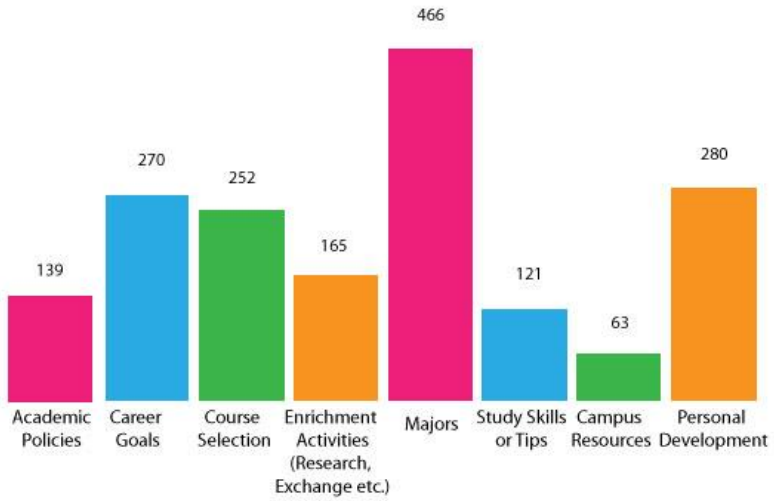
# ACADEMIC ADVISING SURVEY 2017



# ACADEMIC ADVISING SURVEY 2017

**Which of the following questions/concern have you discussed with your Faculty Advisor and Advising Staff? You can choose more than one option.**

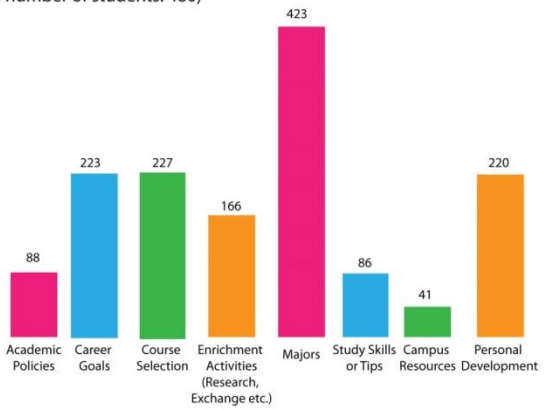
(Total number of students: 527)




2017

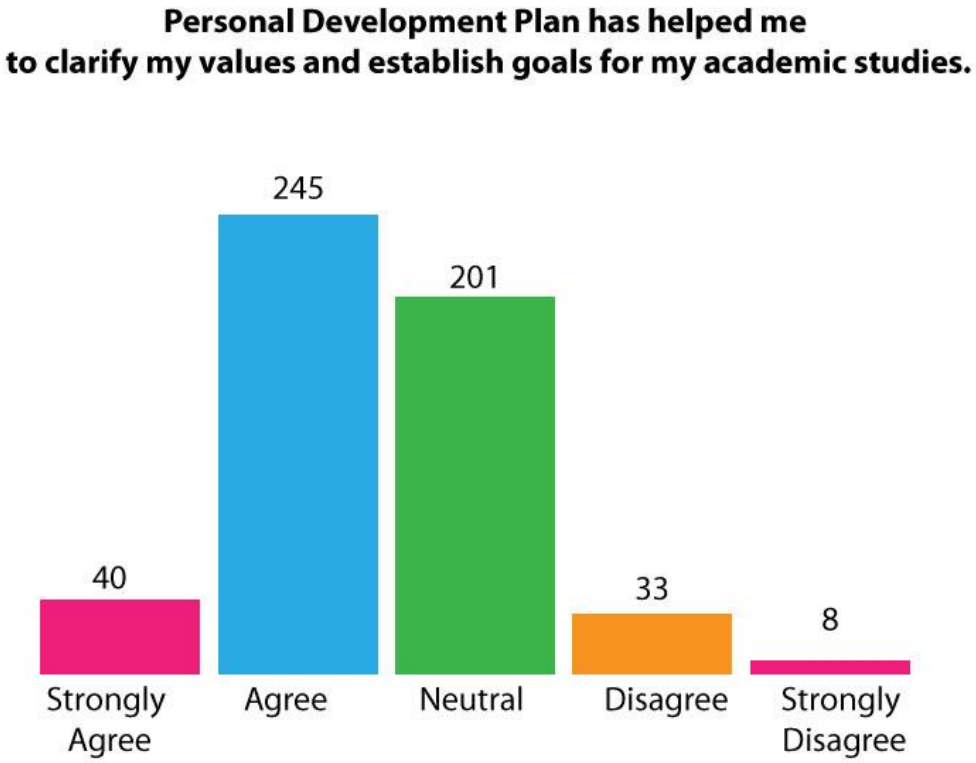
**Which of the following questions/concern have you discussed with your Faculty Advisor and Advising Staff? You can choose more than one option.**

(Total number of students: 480)

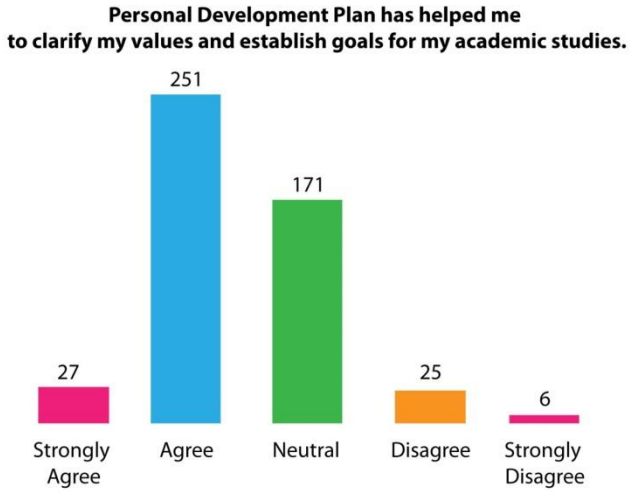



2016

# ACADEMIC ADVISING SURVEY 2017

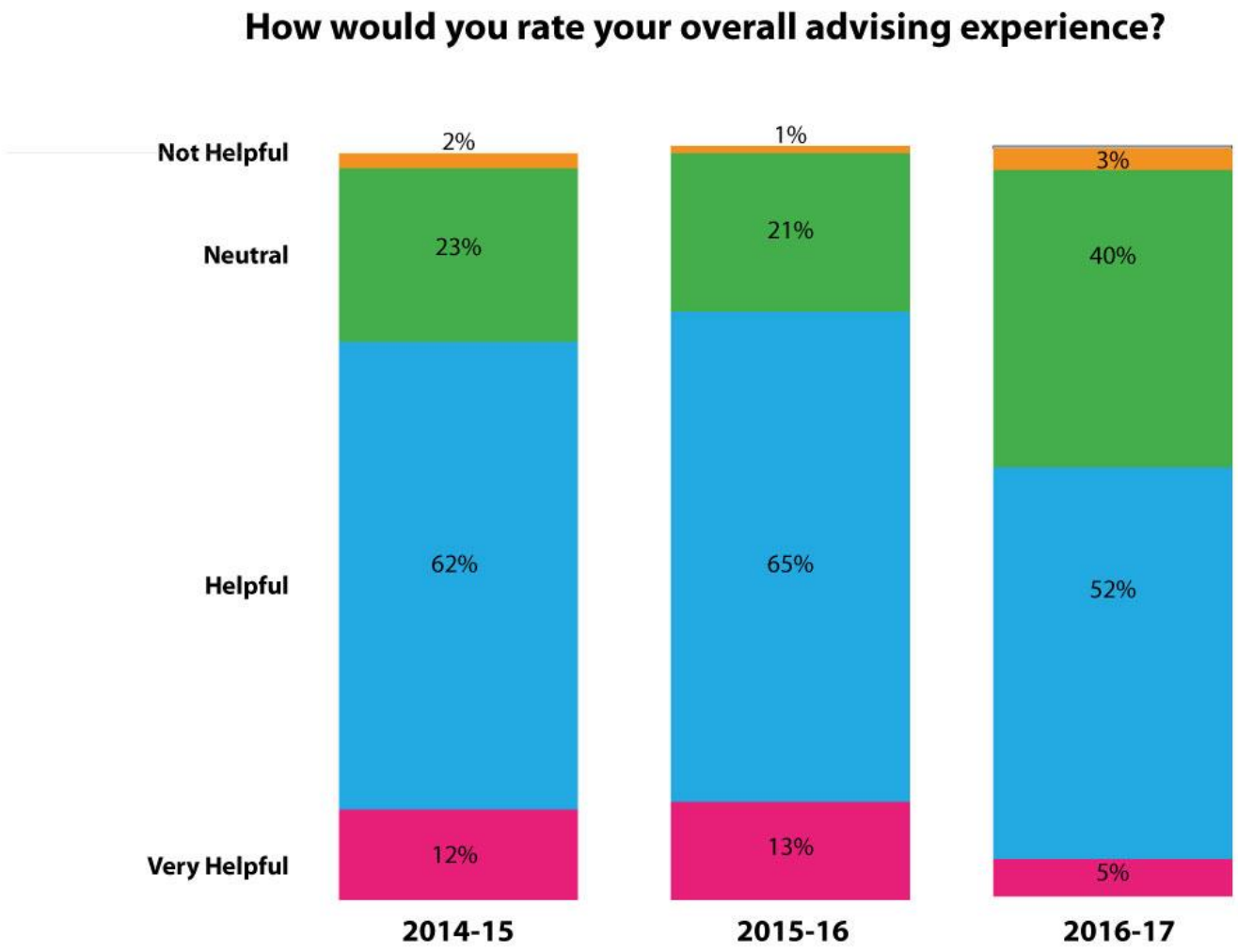



2017




2016

# ACADEMIC ADVISING SURVEY 2017

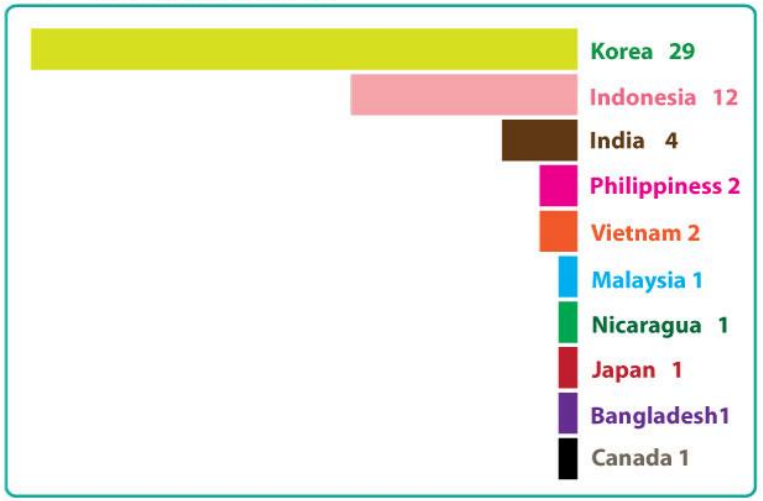


# STUDENT INTAKE 2017

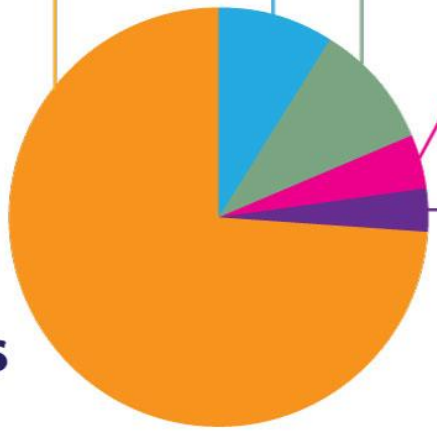
# **Science** Students Intake 2017-18

**47** Mainland and **3** Taiwan

**54** International



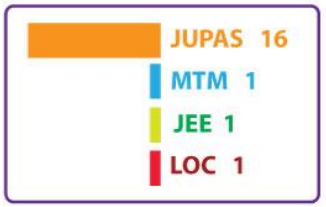

**410** JUPUS Local



**23** Local Direct Entry

Canadian (Alberta/British Columbia/Manitoba/Ontario)
IB/GCEAL/SAT/AP/Asso Degree/港澳台聯考

**19** IRE (International Research Enrichment) students




**Total: 556 Students**

*Information as of 11 Sept 2017*

# JUPAS RESULTS – BEST 5 UNWEIGHTED

Best 5 unweighted - Full mark (35) including following subjects: English, Math (Compulsory), Best Science & the next 2 best subjects

2016

| Program | Range | Highest | Lowest | Median | Mean |
|---|---|---|---|---|---|
| Science | 19-30 | 30 | 19 | 22 | 22.14 |
| IRE | 31-35 | 35 | 31 | 32 | 32.10 |
| BIBU | 24-29 | 29 | 24 | 26 | 26.16 |
| MAEC | 23-32 | 32 | 23 | 24 | 24.80 |

2017

| Program | Range | Highest | Lowest | Median | Mean |
|---|---|---|---|---|---|
| Science | 19-31 | 31 | 19 | 21 | 21.78 |
| IRE | 29-35 | 35 | 29 | 32 | 32.31 |
| BIBU | 24-30 | 30 | 24 | 26 | 26.19 |
| MAEC | 24-30 | 30 | 24 | 26 | 25.90 |

# COMPARISONS WITH OTHER LOCAL INSTITUTIONS (2017)

| Science Program | Intake | Range | Mean |
|---|---|---|---|
| HKUST | 435 | 19-31 | 21.87 |
| HKU | 320 | 19-33 | 23.99 |
| CUHK | 403 | 19-35 | 23.60 |

| Institution | Program name | Intake | Range | Mean |
|---|---|---|---|---|
| HKUST | IRE | 18 | 29-35 | 32.22 |
| HKU | Actuarial Science | 54 | 27-35 | 29.91 |
| CUHK | Enrichment Mathematics | 31 | 27-34 | 30.35 |
| | Enrichment in Theoretical Physics | 25 | 26-35 | 29.96 |
| | Risk Management Science | 29 | 24-28 | 26.31 |

# ADVISING TIMELINE

# Advising Timeline and Key Events

**1 Sept**
Fall term Commences

**1-14 Sept**
Add/Drop Period

**22/29 Sept**
SCIE 1000
Meet your pre-major facutly advisor
Time: 6-6:50pm

**16 - 20 Oct**
Science Majors Week
An annual event where students can learn more about different majors

**Winter Break**
(Recommended)
Pre-major facutly advisor can meet their advisees
Time: (TBC)

**Mar -Apr 2018**
First-round Major Declaration Period

Major Declaration Procedure:

- Fulfill major pre-requisites requirements
- Meet Pre-major Faculty Advisor
- Submit Major Declaration Form by late April
- Results released in mid-June
- No offer

**Major pre-requisite requirements**

MATH/MAEC/ENVS/EVMT/RMBI
MATH 1013 & 1014 or
MATH 1023 & 1024 or MATH 1020

LIFE SCIENCE/ENVS
LIFS 1901 & 1902

CHEM
CHEM 1010 or 1020 & CHEM 1030

PHYS
PHYS 1111 or 1112 or 1312
& PHYS 1114 or PHYS 1314

**Maximum of 2 choices**
BCB/BISC/BIOT have become ONE choice

**Selection criteria:**

- Best 4 science foundation courses (exclude Lab courses) (doesn't need to be major pre-requisites)
- Average grade of the above courses

*If non-JUPAS students do not have enough science foundation courses, we also count other science courses (exclude SCIE courses)

**Guarantee major:**

| 5** in 1x subject in HKDSE | Guarantee major |
|---|---|
| Physics | PHYS |
| Chemistry | CHEM |
| Biology | BCB/BIOT/BISC/ENVS |
| M1 or M2 (Compulsory part not included) | MATH/MAEC |

2017

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

**1 Feb**
Spring Term Commences

STUDENT WITH MAJOR

**Dec 2018**
Second-round Major Declaration Period

2018

**End Feb-End Apr**
SCIE 1000
One-on-one advising session:
4-5 sessions a week, each lasts for ~20mins


**School of Science**
**Office of Academic Advising and Support**
**Office address: Room 1401-03 (1/F)**
**Website: http://advise.science.ust.hk**

*Associate Dean /Director*
Prof Pakwo Leung (phleung@ust.hk, x7483)
*Student Advising Manager*
Miss Tina Ko (tinako@ust.hk, x5873)
*Student Advising Officer*
Miss Charlene Tang (charlenetang@ust.hk, x5960)
Miss Hermia Lee (hermialee@ust.hk x5777)
Miss Zara Tse (zaratse@ust.hk, x5811)


Information as of 12 Sept 2017

# Explore 13 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 (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

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

## LIFS

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

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

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

## ENVS

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

## IPO

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

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

**10** ***BSc in Individualized Interdisciplinary major (IIM)***

**11** ***Dual Degree Program in Technology and Management (DDP)***

**Joint-School Programs**

**12** ***BSc in Biotechnology and Business (BIBU)***

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

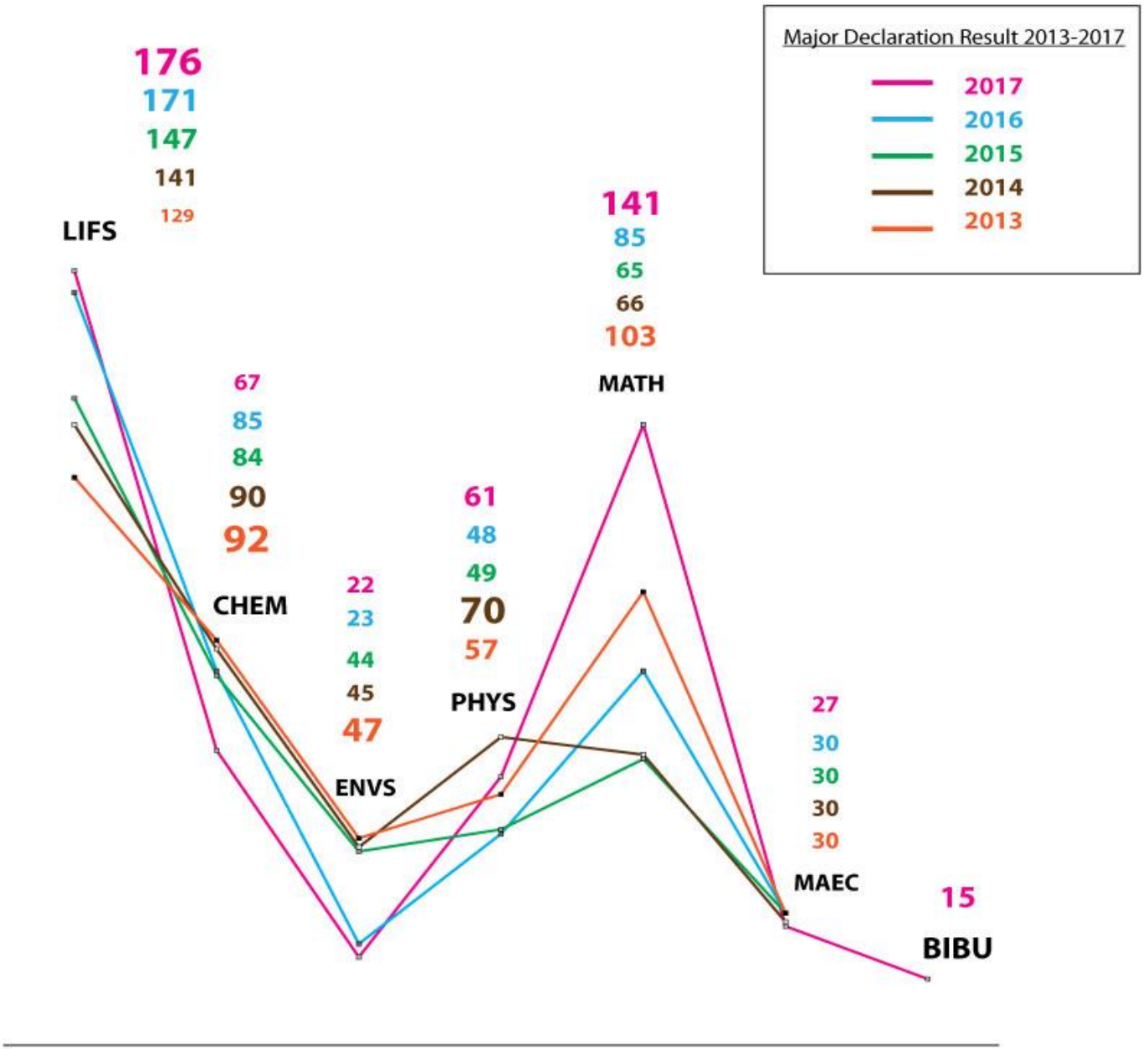
**Difference between Option and Track**

**Option is optional. However Math student must select a track after they get into Math.**

**8-13 majors may have specific entry requirement**

E.g. CGA, English, DSE result and interview performance

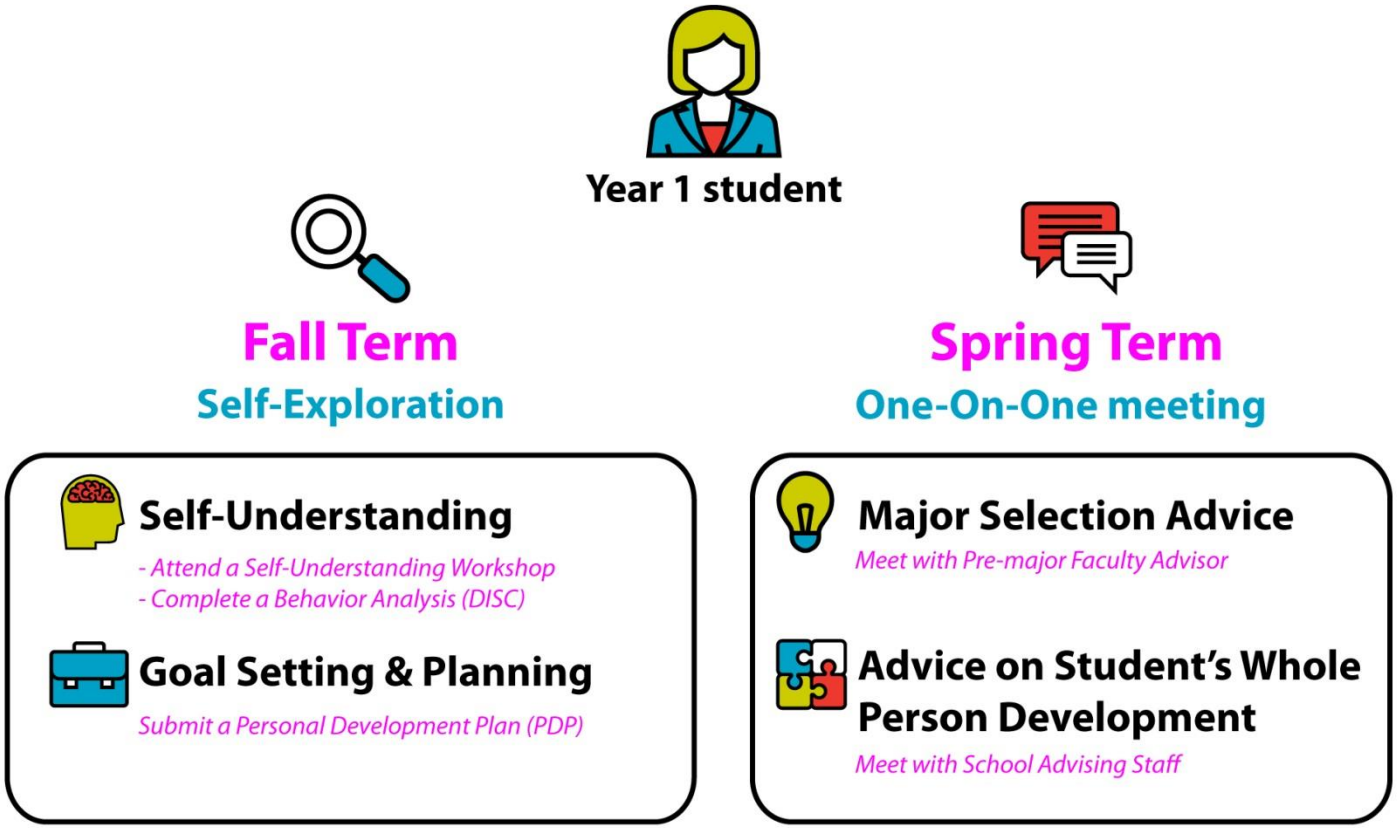
# The graph shows the number of students admitted to programs offered by science school



# TRANSFER TO IRE

- **Students interested in IRE should enroll in SCIE1500 in Spring**
- **Quota is very limited**
- **Excellent academic performance**
- **Only students taking SCIE1500 will be invited to apply to IRE. Other students may approach SCI/HOME if they want to apply**
- **Applicants will be interviewed by School's IRE committee**
- **Result will be released in July 2018**

# SCIE 1000 SCIENCE SCHOOL INDUCTION



# FALL TERM SCHEDULE

**6 Compulsory sessions:**

1. 8 Sep: Induction: What University Education means to you?
2. 15 Sep: Anti telephone deception Information Session
3. 22 or 29 Sept: **Meet your pre-major faculty advisor**
4. 6 Oct: Introduction of School's co-curricular activities
5. 16-20 Oct: Science Majors Week (any one session)
6. 3 Nov: DISC personality Test

**Assignment:**

- Personal Development Plan
- Adjustment Survey

**Fail:**

**Students who fail SCIE1000 will get 5 marks deducted for their exchange score.**

# Objective: Relationship Building



# SCIE1000 – MEET YOUR ADVISEE

## (22 SEPT OR 30 SEPT 6-6:50PM)

**Objectives:**

- **To introduce yourself to your advisees such that they can know something about you**. 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

- **To know about your advisees**

# HOW TO PLAY?

- **Each person has to write down a question on a paper**
- **The question must be open-ended (NOT yes/no question)**
- **It can be factual, hypothetical ("if" question). It can also be about feelings or thoughts.**
  ***E.g. What will you do if you were the president of HKUST? What is the most embarrassing moment in your life so far?***
- **Put all the questions into the bag**
- **Each person (start from the instructor) has to draw a paper from the bag**
- **Say the question loudly and answer the question.**
- **If s/he doesn't want to answer that question, s/he can pick another paper.**
- **Be creative!**

# Comments?

# Questions?

# THANK YOU!!!



