ACADEMIC ADVISING 2018-19

OFFICE OF ACADEMIC ADVISING AND SUPPORT

31 AUG 2018

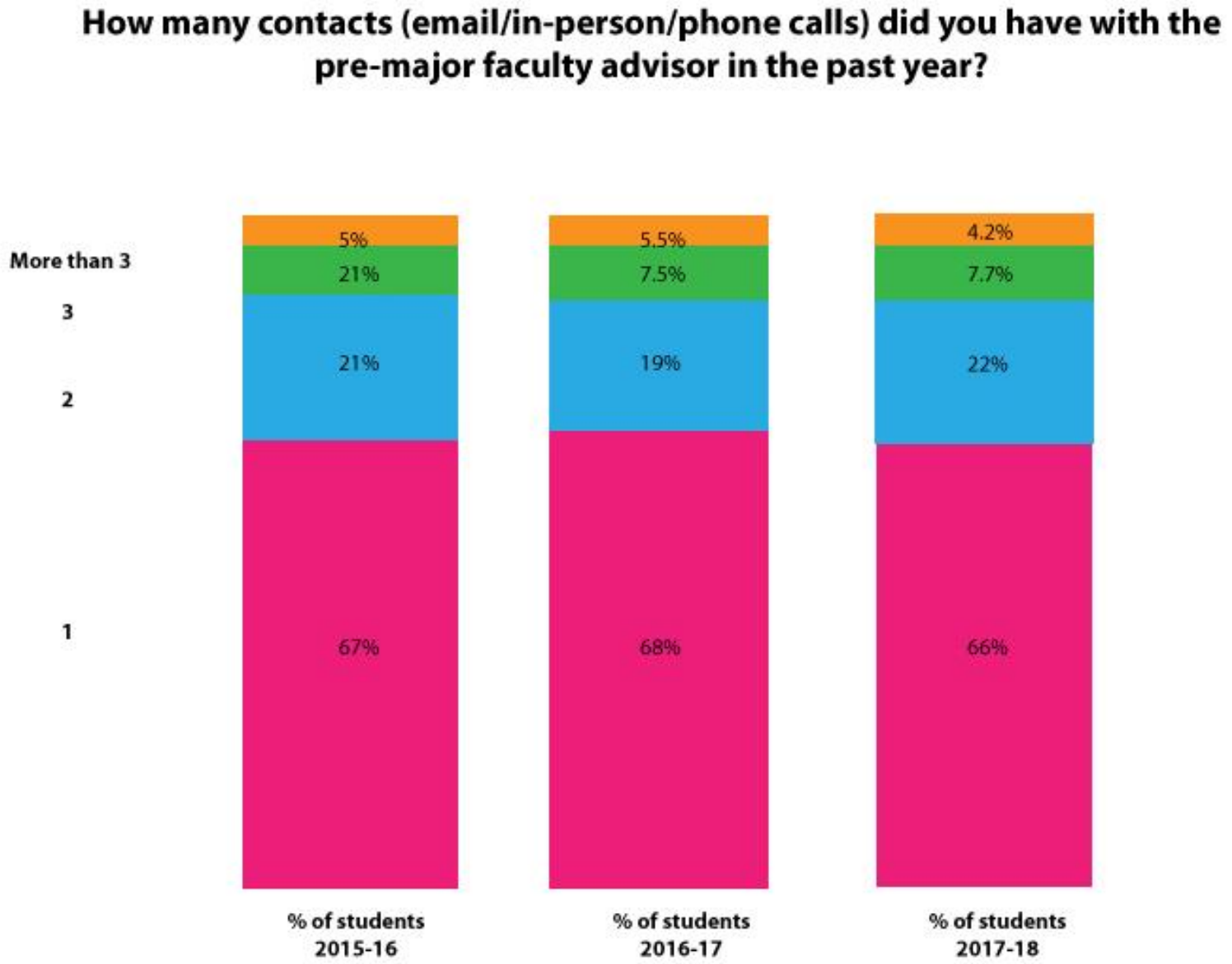


OVERVIEW

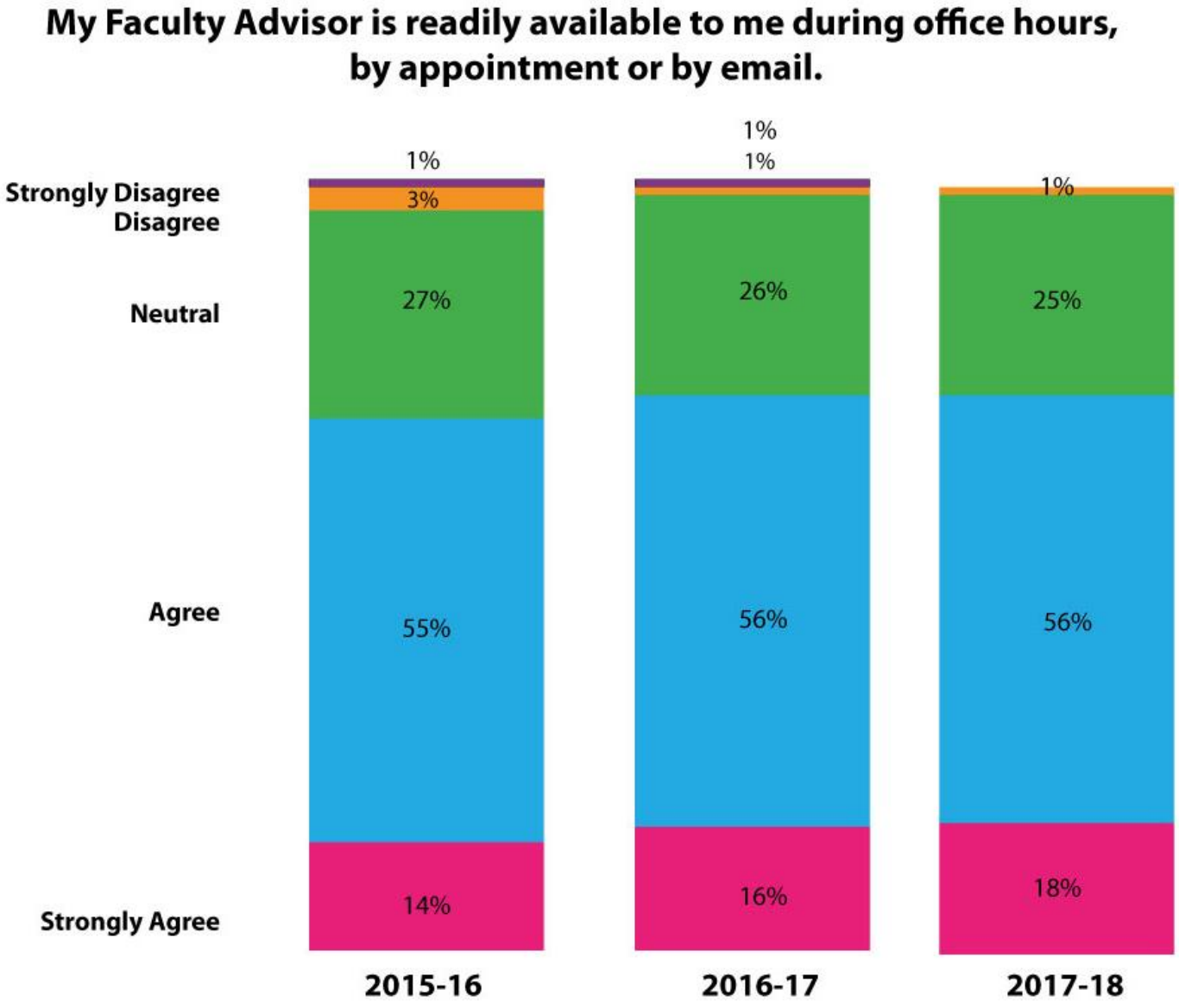
1. Summary of Academic Advising Survey 2017-18
2. Science Student Intake 2018-19
3. Advising Timeline
4. Major Declaration Result 2018
5. Updates on Academic Policy
6. SCIE 1000 – meet your advisees

SCHOOL-RUN ACADEMIC ADVISING SURVEY 2017-18

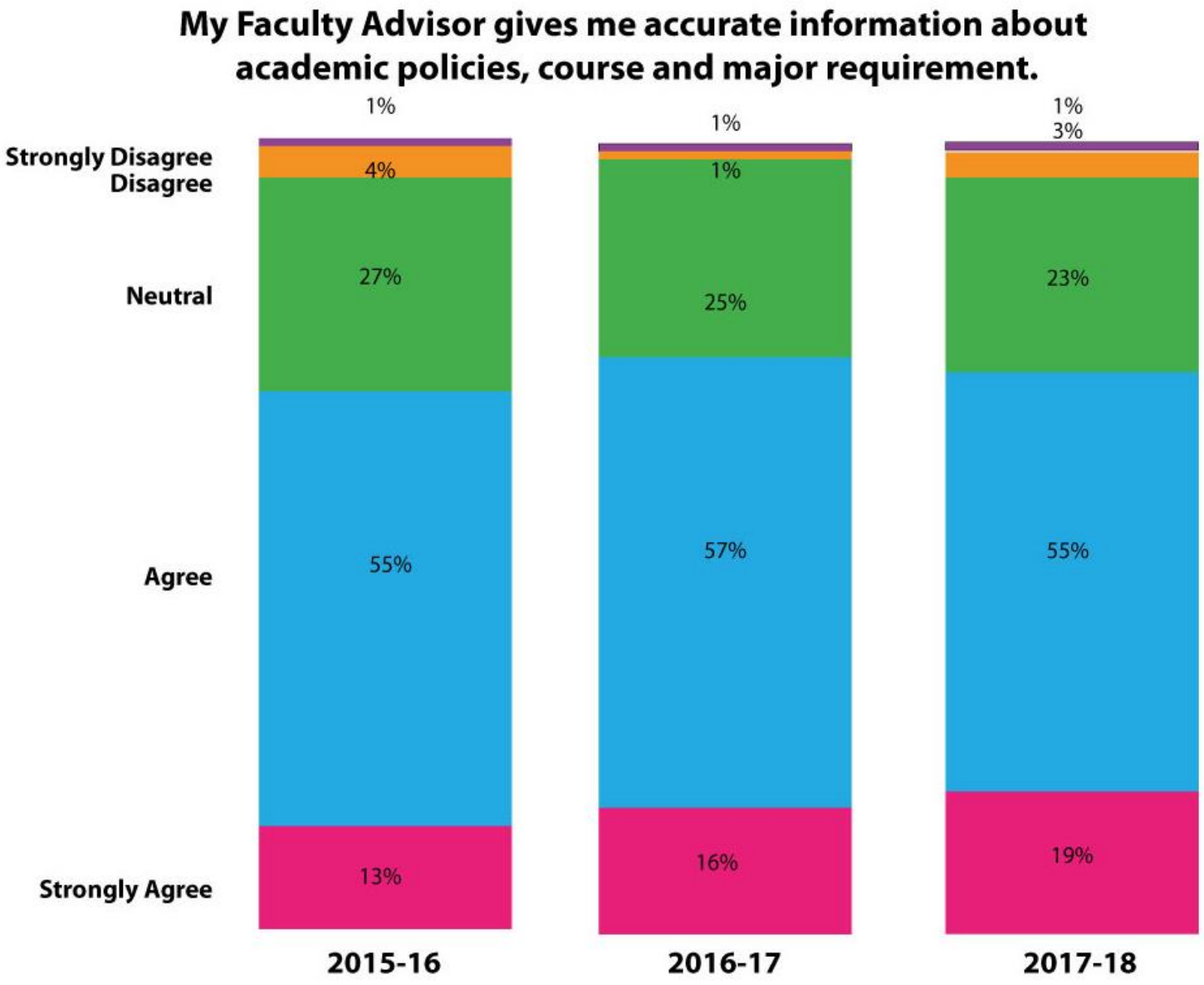
ACADEMIC ADVISING SURVEY 2017-18



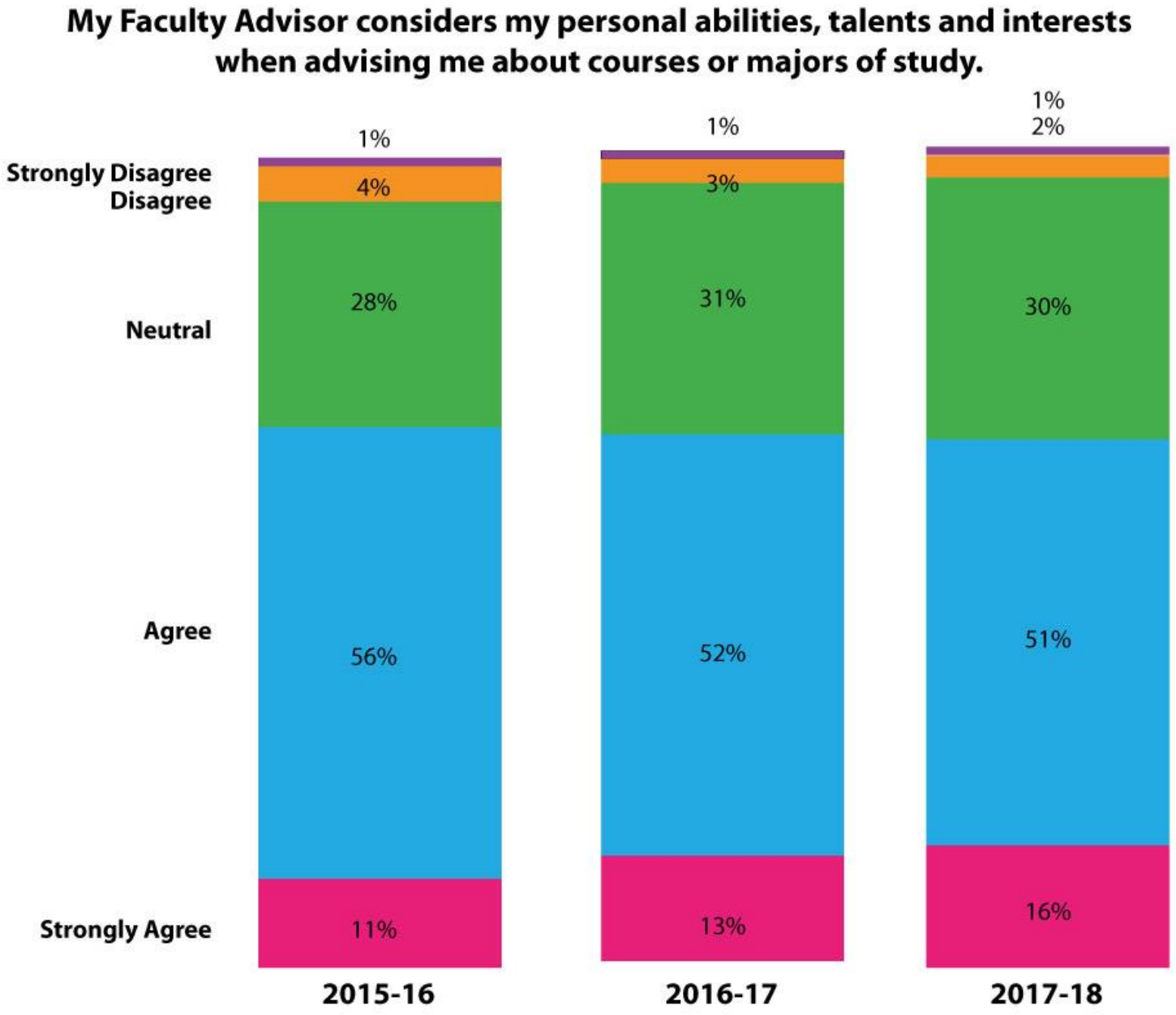
ACADEMIC ADVISING SURVEY 2017-18



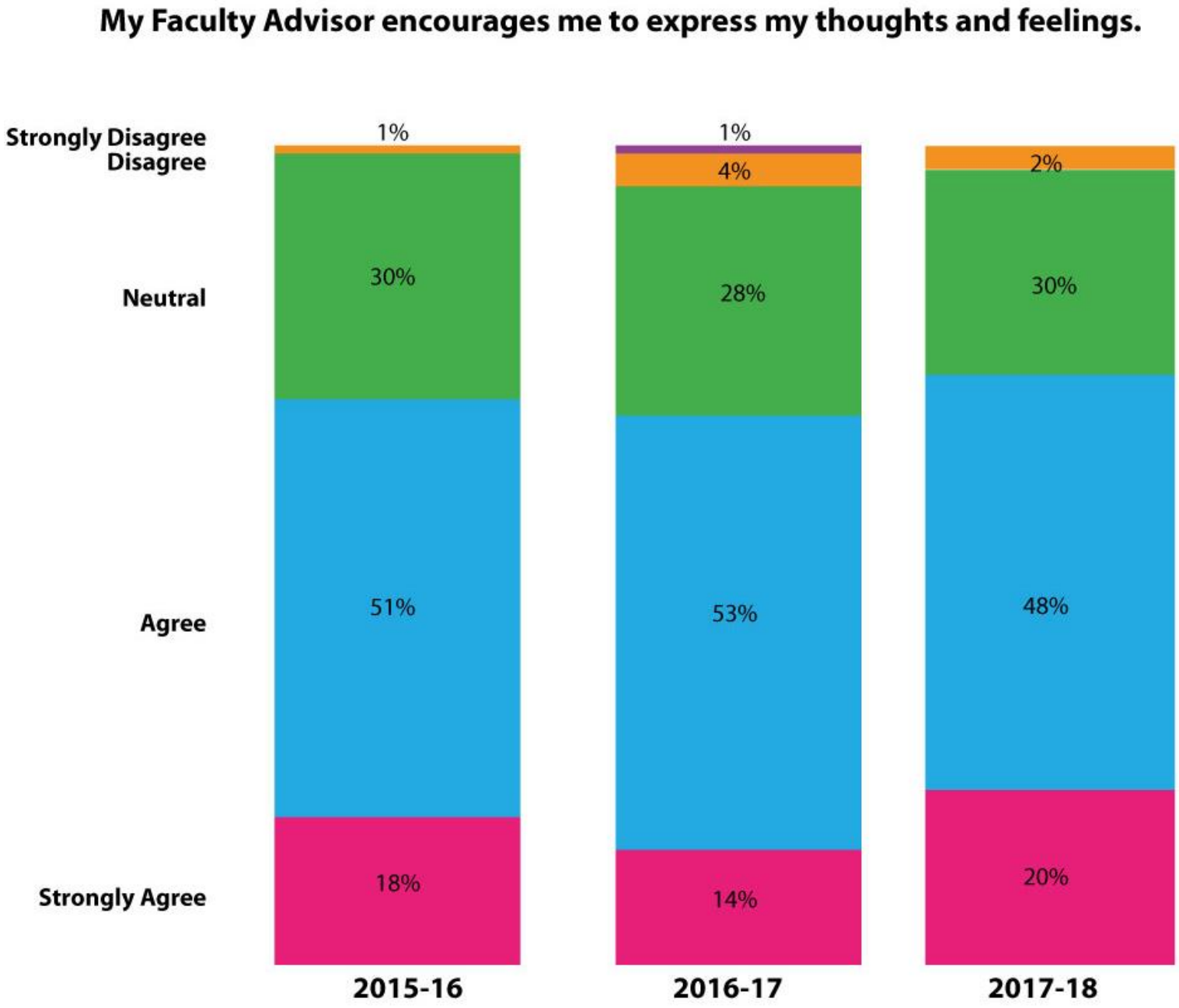
ACADEMIC ADVISING SURVEY 2017-18



ACADEMIC ADVISING SURVEY 2017-18



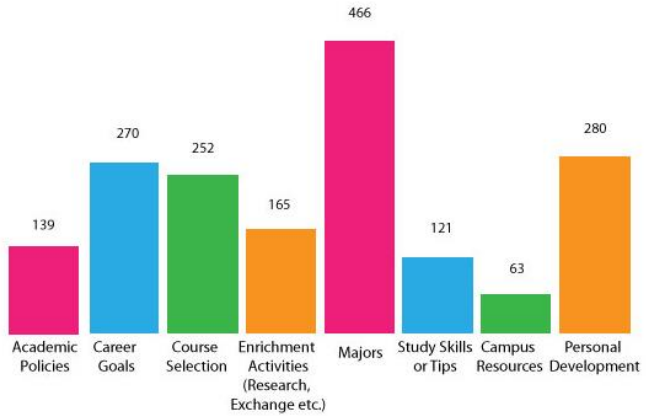
ACADEMIC ADVISING SURVEY 2017-18



ACADEMIC ADVISING SURVEY 2017-18

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

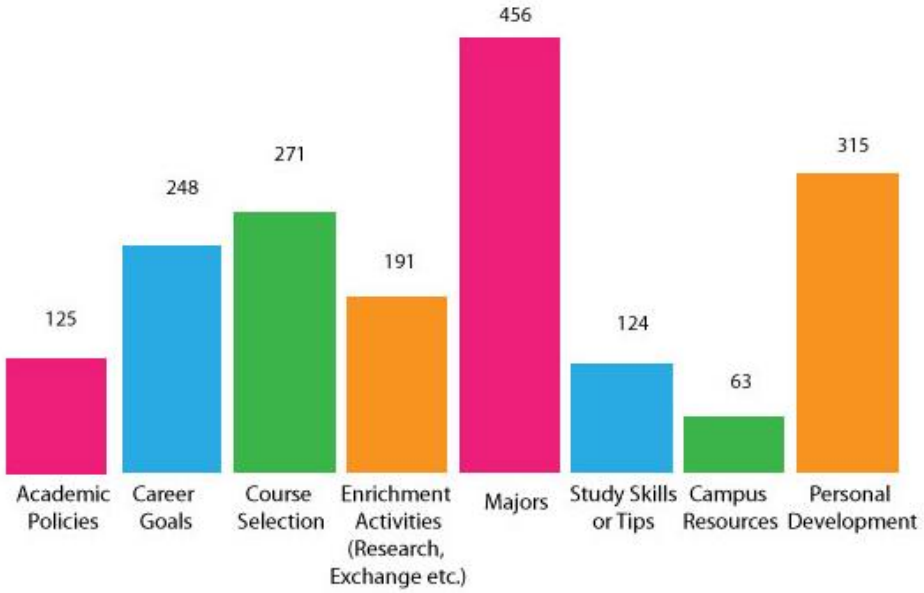
(Total number of students: 527)



2017

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

(Total number of students responded: 546)

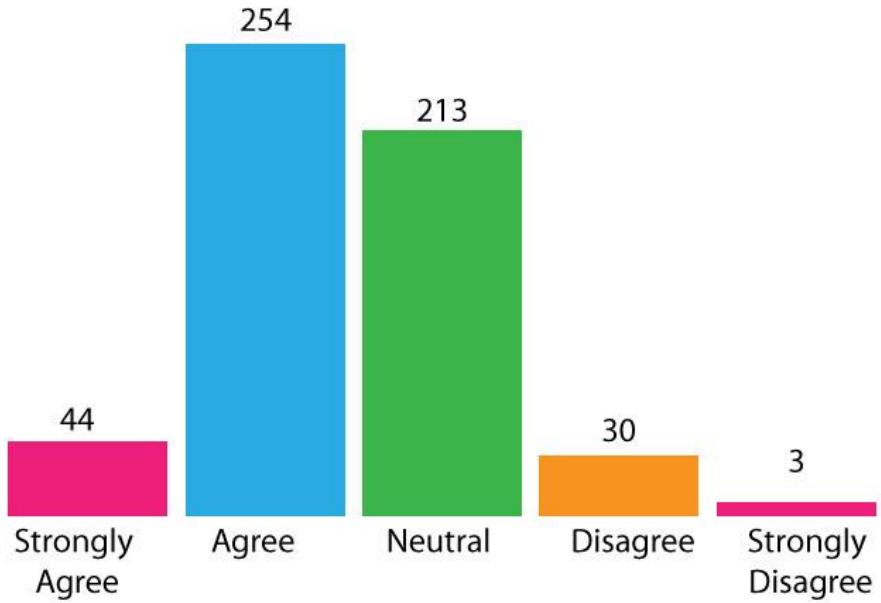


2018

ACADEMIC ADVISING SURVEY 2017-18

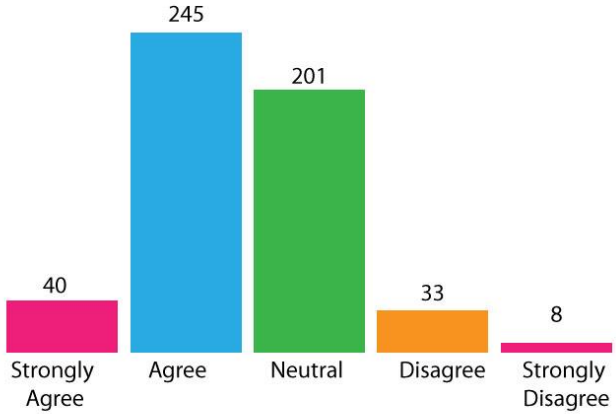
Personal Development Plan has helped me to clarify my values and establish goals for my academic studies.

(Total number of student responded: 544)



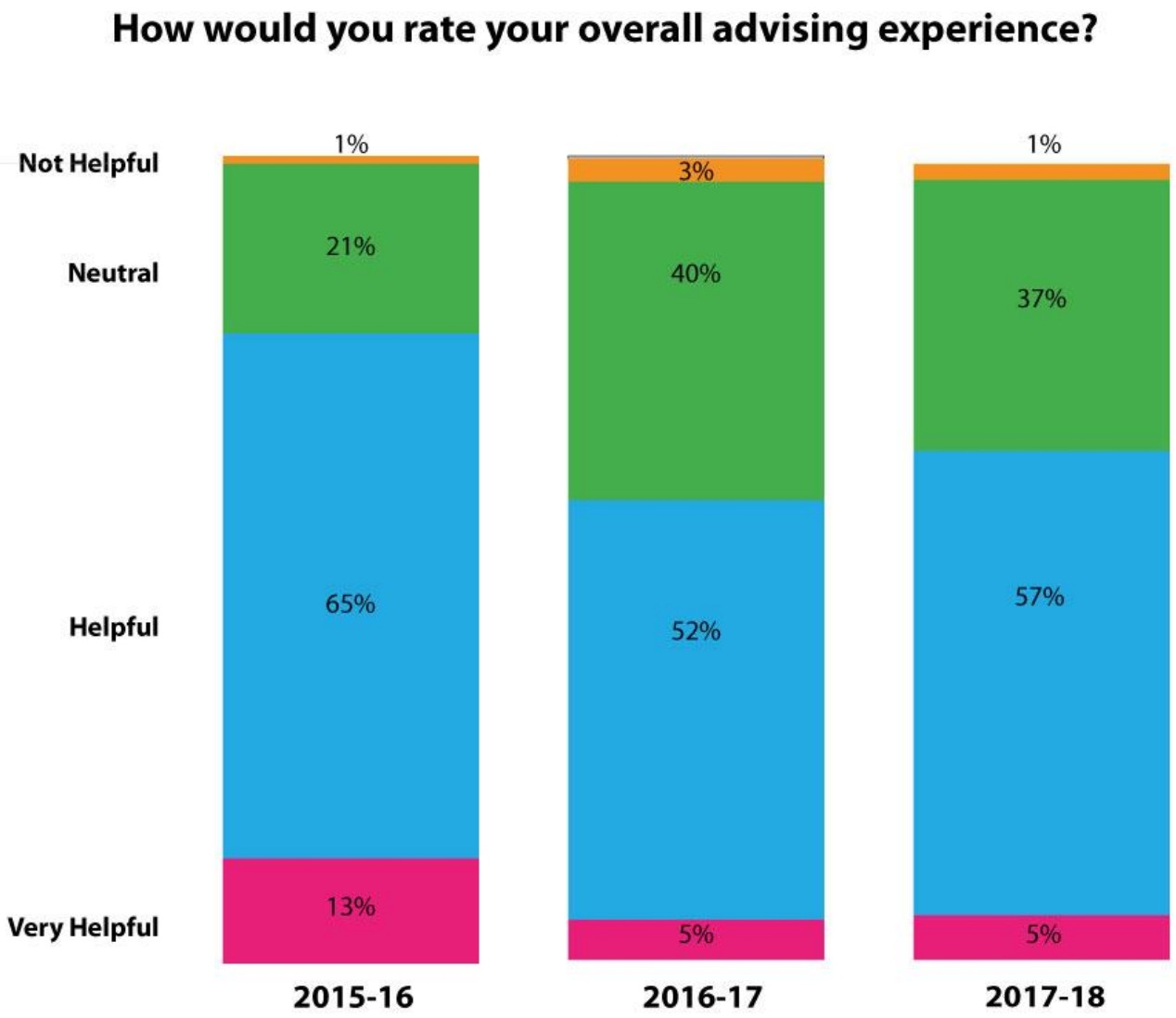
2018

Personal Development Plan has helped me to clarify my values and establish goals for my academic studies.



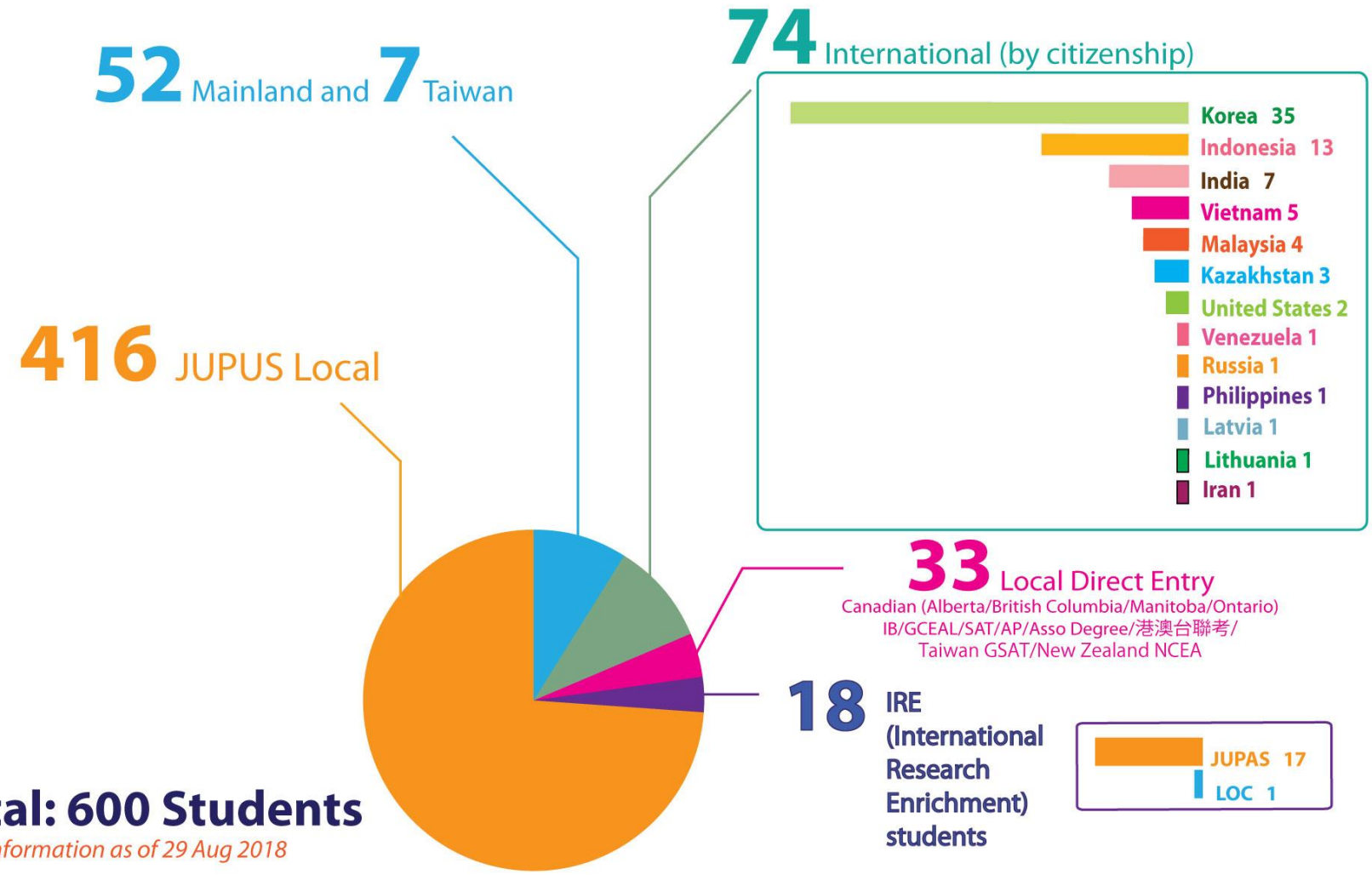
2017

ACADEMIC ADVISING SURVEY 2017-18



STUDENT INTAKE 2018-19

Science Students Intake 2018-19



Total: 600 Students

Information as of 29 Aug 2018

JUPAS RESULTS – BEST 5 UNWEIGHTED

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

2018

Program	Range	Highest	Lowest	Median	Mean
Science	19-34	34	19	21	21.23
IRE	30-34	34	30	32	31.94
BIBU	24-27	27	24	26	25.64
MAEC	25-30	30	25	26	26.31

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

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

2018

Institution	Program name	Intake	Range	Mean
HKUST	IRE	20	30 - 35	32.25
HKU	Actuarial Science	56	27 - 35	29.38
CUHK	Enrichment Mathematics	32	25 - 34	29.84
	Enrichment in Theoretical Physics	26	27 – 35	30.27
	Risk Management Science	29	24 – 30	26.83

2017

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

3 Sept
Fall term Commences

3-15 Sept
Add/Drop Period

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

8 - 12 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 2019
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
  - → Student with major
  - → No offer

Dec 2019
Second-round Major Declaration Period

2018

Nov 2018
Early-round Major Declaration Period
Only for those who have earned 15-30 credits on entry

30 Jan
Spring Term Commences

2019

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

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

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 Charleen Tang (charleentang@ust.hk, x5960)
Miss Hermia Lee (hermialee@ust.hk x5777)
Miss Zara Tse (zaratse@ust.hk, x5811)

Information as of 29 Aug 2018

Explore 14 Majors



PHYS

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

MATH

BSc in Mathematics (MATH)

- Applied Mathematics Track
- Computer Science Track
- General Mathematics Track
- Mathematics and Physics Track
- Pure Mathematics (Advanced) Track
- Pure Mathematics Track
- Statistics and Financial Mathematics Track
- International Reserach Enrichment Track

CHEM

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

Joint-School Programs

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)***

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

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

14 ***BSc in Data Science and Technology (DSCT)***

Difference between Option and Track

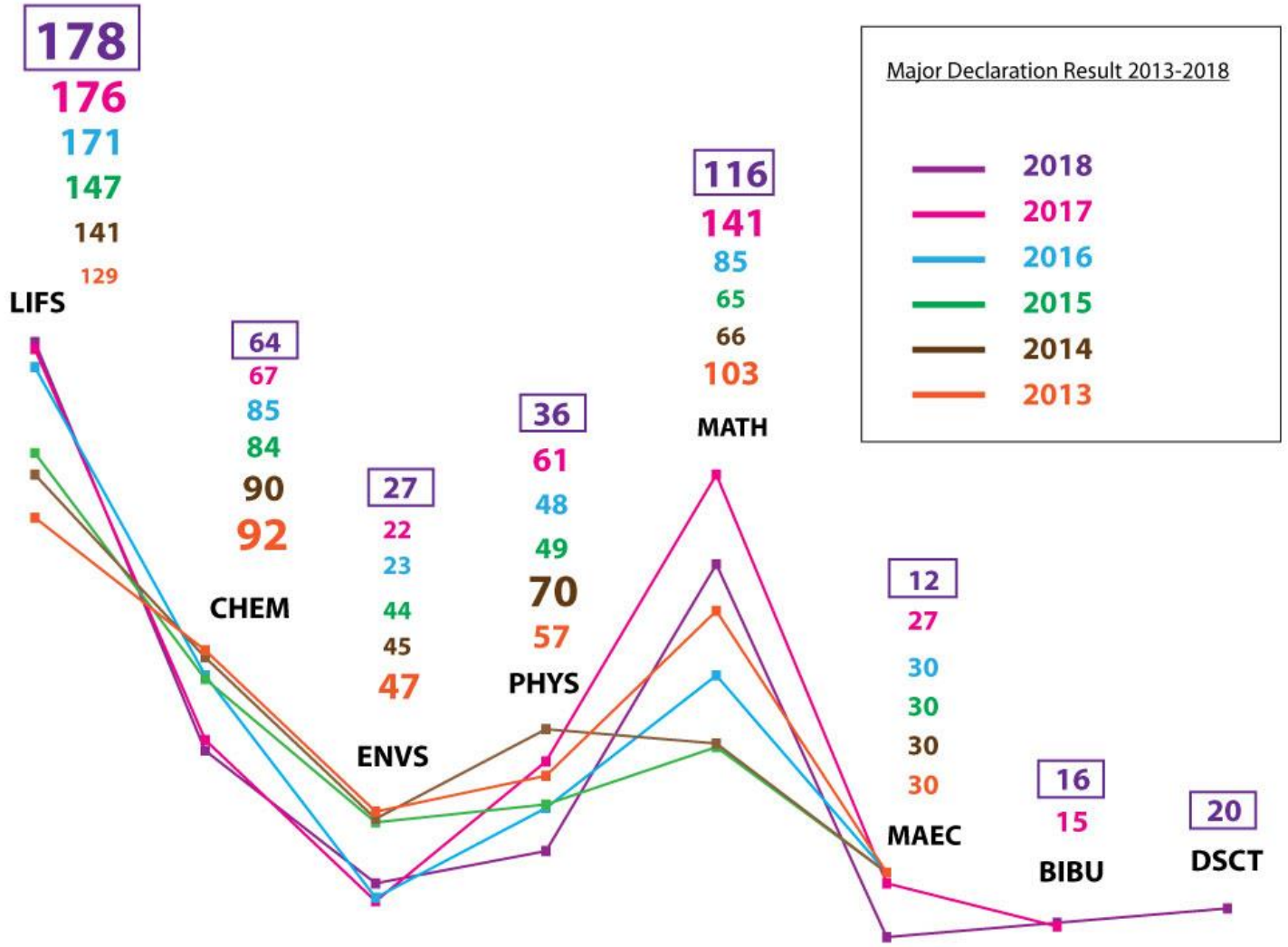
Option is optional. However, MATH student must select a track after they get into MATH.

8 -14 majors may have specific entry requirement

e.g. CGA, English, DSE result, and Interview performance

MAJOR DECLARATION RESULT 2013-2018

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



MAJOR DECLARATION 2018 AND CGA

2017-18

Program	No. of students	CGA Mean	Best 4 Score Mean
CHEM	64	2.569	10.858
ENVS	27	2.614	10.774
LIFS	178	2.636	10.834
MATH	116	2.601	11.184
PHYS	36	2.976	12.625
DSCT (for science students)	20	3.246	Best 24 Credits Mean 3.473
MAEC (for science students)	12	3.499	-
BIBU (for science students)	16	3.302	-
RMBI (for science students)	2	-	-
EVMT (for science students)	9	-	-
DDP (for science students)	4	-	-
IIM (for science students)	0	-	-

UPDATES ON ACADEMIC REGULATIONS

REUSE POLICY

Common Core:

9 credits of School and Major requirements can be reused to fulfill Common Core requirement.

Minor Programs:

Out of the total credits required by the minor program, at least 9 credits should be single-counted within the minor and are not used to fulfill any other requirements for graduation except the 120-credit degree requirement

Additional Majors:

Out of the total credits required by the additional major program, at least 20 credits should be single-counted within the additional major and are not used to fulfill any other requirements for graduation except the 120-credit degree requirement.

Common additional majors: PHYS +MATH, MATH +CS

PROGRAM TRANSFER

- **Students can apply to transfer to other SCHOOLS(SENG/SBM/SHSS) after their first term of study. However they will be admitted as an UNDECLARED student in the spring term.**
  - *E.g. students transfer to SENG after the first term will be admitted as undeclared SENG student and they have to join SENG major declaration.*
- **Students who are not happy with their major can apply to transfer to other PROGRAMS directly (e.g. computer science/data science/BIBU/MAEC) after their first year of study**

MAJOR CUMULATIVE GRADE AVERAGE (MCGA) NEW!

MCGA **(Major Cumulative Grade Average)**: A student's MCGA will be calculated at the end of the term for which the student is placed on the list of **pending graduates** based on the grade points earned for the courses used to fulfill the **major requirement and major pre-requisites** (excluding other school /options/minors requirements)

GGA **(Graduation Grade Average):** The max 12-credit exclusion and the half-weighting rules in the first year of study will no longer apply for students admitted in 2018-19.

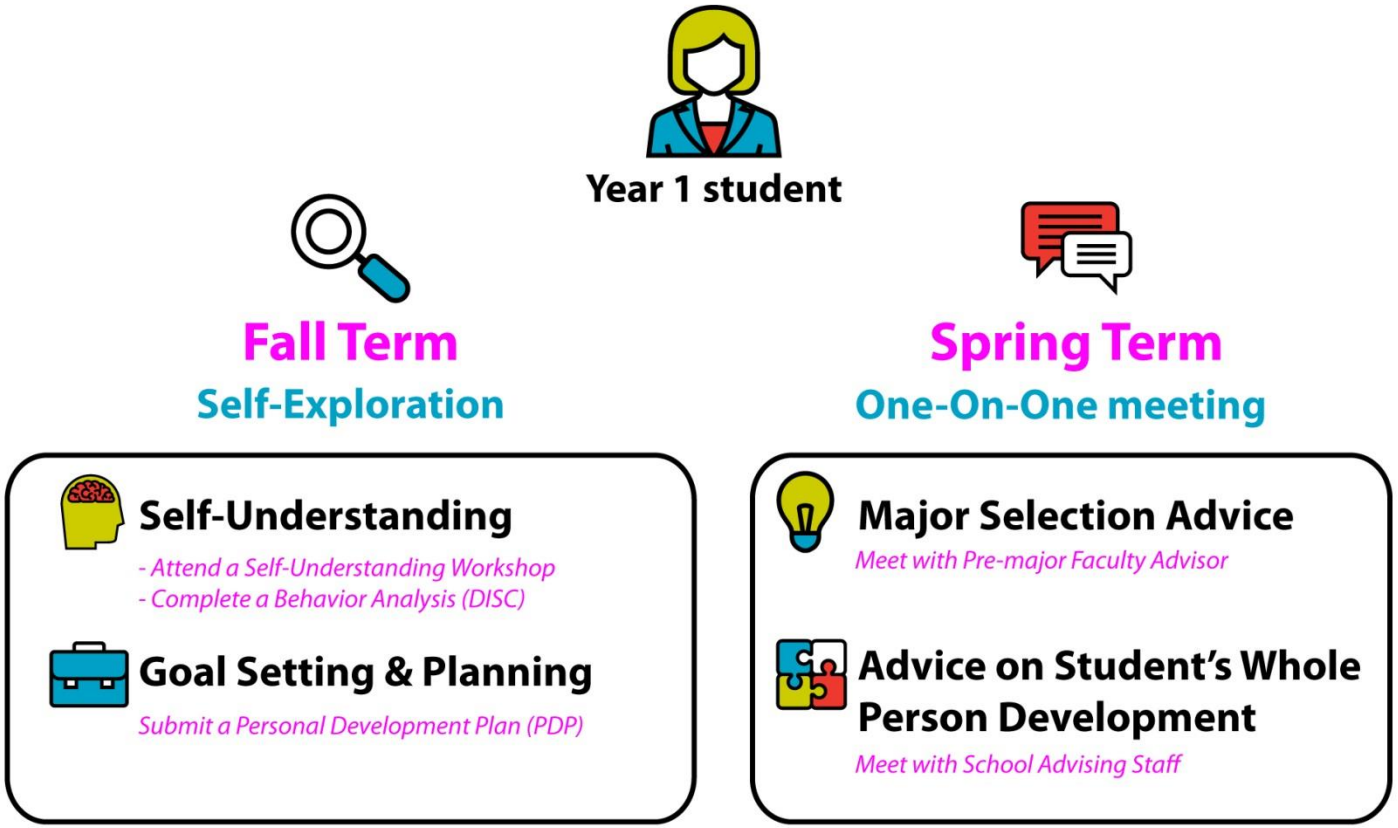
F GRADES AND COURSE REPEATS *

- A **grade F** received by a student for any course will be included in the student's record and in the calculation of the student's TGA and the CGA.
- When a failed course is repeated, both the previous F grade and the course grade of the repeated attempt, which are weighted equally, will be included in the calculation of the TGA and CGA.
- However, if a failed course is repeated and is used to fulfill the major requirement or major pre-requisites, the previous F grade will not be included in the calculation of the MCGA but will be included in the calculation of the overall CGA.

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 2019**

SCIE 1000 SCIENCE SCHOOL INDUCTION



FALL TERM SCHEDULE

9 Compulsory sessions:

1. 7 Sep: Induction: What University Education means to you?
2. 14 Sep: Academic Regulation, Sharing by HK Police and Counselling Unit
3. 21 Sep: **Meet your pre-major faculty advisor**
4. 28 Sep: Introduction of School Co-curricular Activities
5. 5 Oct: DISC Part I – Understanding Yourself
6. 8-12 Oct: Science Majors Week (any one session)
7. 19 Oct: DISC Part II - Understanding Relationships
8. 26 Oct: STEM Career Prospect
9. - ONE Activity organized by Peer Mentor

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

(21 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!!!



