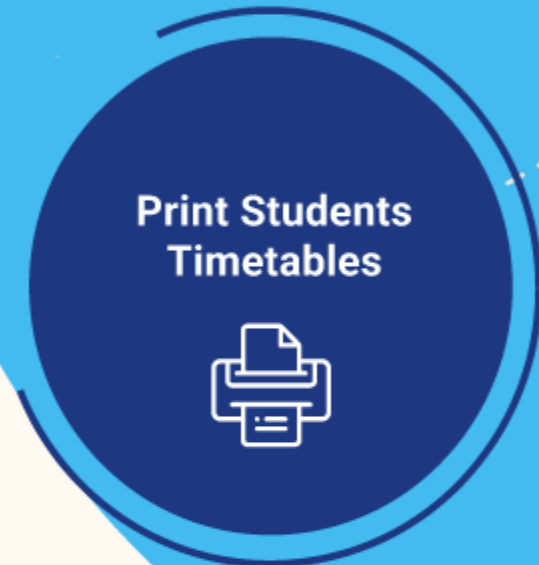
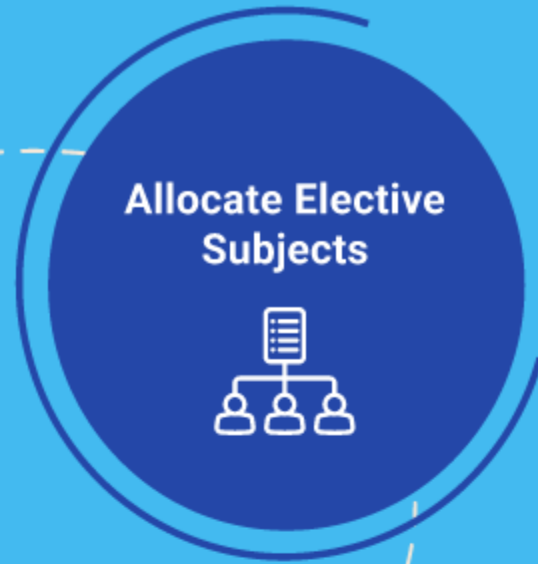
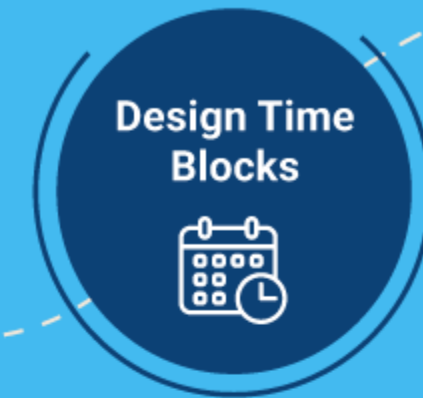




Student Option Programme (SOP)

Online Briefing : The Redeveloped SOP
25 March 2024





Programme Rundown

Time	Programme	Speaker
3:00 – 3:10	Overview of the Redeveloped SOP	Representatives of EDB
3:10 – 4:10	Introduction to New/Enhanced Functions of the SOP	
4:10 – 4:30	School Sharing: Feedback on Trial Version Testing	Mr WONG K W
4:30 – 5:00	Q&A Session	



Overview of the Redeveloped SOP

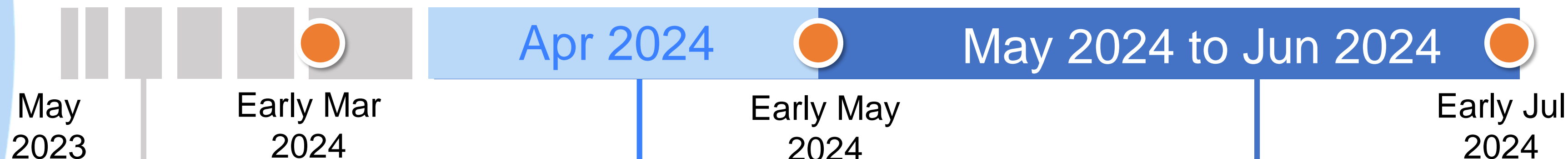


Redevelopment Schedule

Launch of the **alpha** version of SOP (Phase 1)

Launch of the **beta** version of SOP (Phase 2)

Launch of the **SOP version 2.0**



Development of the **alpha** version of SOP (Phase 1)

Development of the **beta** version of SOP

Bug fixing and documentation



Overview

The redeveloped SOP:

- ▶ fixed compatibility issues
- ▶ added a new allocation method: elective subject allocation by elective subject queue
- ▶ enhanced existing functions e.g. optimised time block generation
- ▶ fine-tuned algorithms e.g. calculation of satisfaction rate
- ▶ developed new user-friendly interface



Main Functions

▶ Time Block Design

- Generate **optimised time block** arrangement based on **schools' input and constraints**.

▶ Elective Subject Allocation

- Allocate elective subjects to students based on their **options, allocation orders and time block arrangement**.

▶ Timetable Printing

- Print **student's individual timetable**.



New/Enhanced Functions of the Redeveloped SOP



User Interface

Student Option Programme

Welcome to Student Option Programme

Create New File Open File

Recent

Name
20240202-subject_conflict.sop C:\Users\ritatckuo\Downloads\UAT Files
data.sop C:\Users\ritatckuo\Desktop
20240205-1.sop C:\Users\ritatckuo\Downloads\UAT Files
20231204-1.sop C:\Users\ritatckuo\Downloads\UAT Files
EDB-240.sop C:\Users\ritatckuo\Downloads\UAT Files
20231104-sample5.sop C:\Users\ritatckuo\Downloads\UAT Files
20231024-dataset3.sop C:\Users\ritatckuo\Downloads\UAT Files
20231024-Difficult.sop C:\Users\ritatckuo\Downloads\UAT Files
EDB-226A.sop C:\Users\ritatckuo\Downloads\UAT Files
20231228-1.sop C:\Users\ritatckuo\Downloads\UAT Files
20240122-EDB217.sop C:\Users\ritatckuo\Downloads\UAT Files
20240122-EDB217-2.sop C:\Users\ritatckuo\Downloads\UAT Files

Education Bureau
The Government of the Hong Kong Special Administrative Region
of the People's Republic of China

SOP

Student Option Programme

Checking Elective Subject List Updates...
Elective Subject List installed Version: 3
Current Elective Subject List installed version is up-to-date

30/01/2024 09:37

30/01/2024 09:35



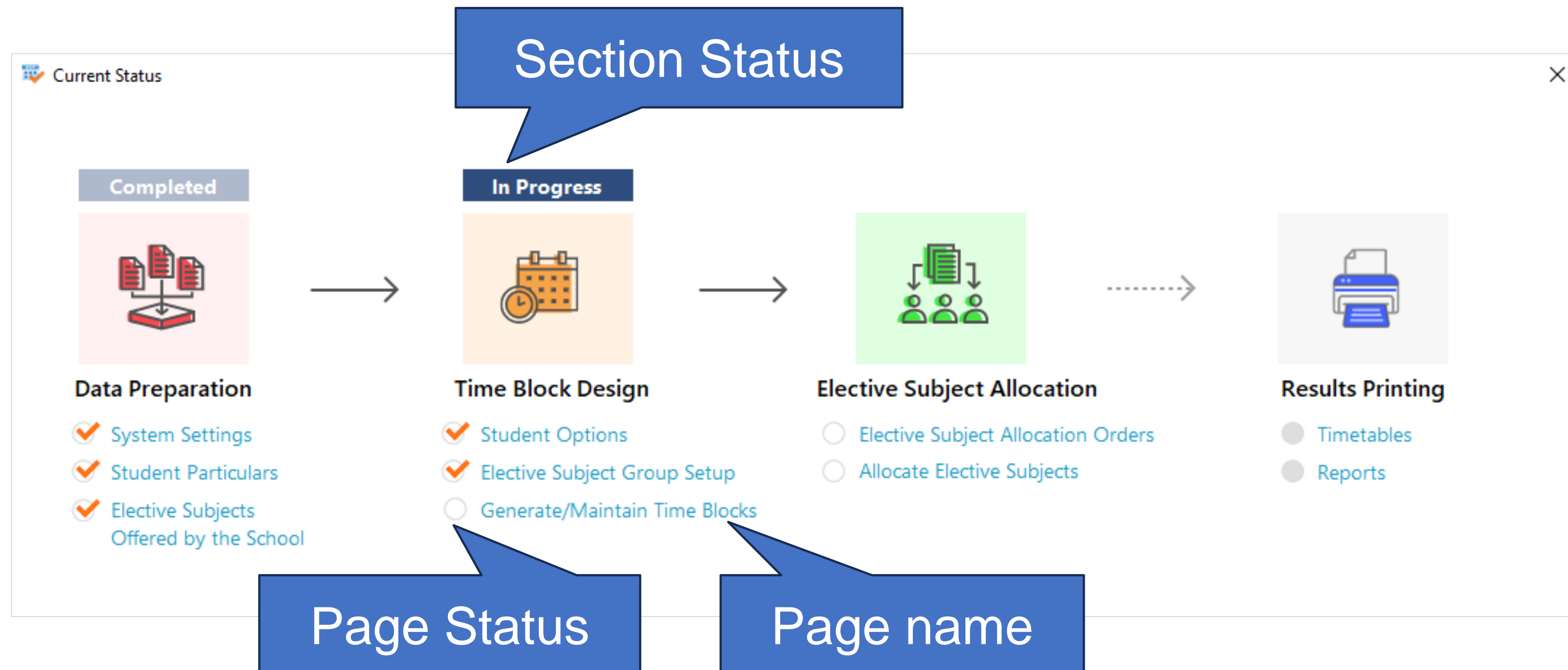
User Interface - Current Status

- Show **after data file is opened** or click  Current Status button in the main menu

- Click the page name to direct to the page

✓ = **finished** items

○ = **unfinished** items



Student Option Programme

Current Status

Student Information

Elective Subject Information

Student Options

Time Block

Elective Subject Allocation

Print Timetable

Reports

!

?

Student Information > Student Particulars

Related Link(s) ▾

+ New

↓ Import ▾

↑ Export

Student No. ▾	Student Name ▾	Gender	Class	Rank	No. of Elective Subjects	
031137	Andrew Ko	M	3A	5		
			3A	6		
086122	Daniel Tse	M				
097370	David Hui	M				
027196	Donald Chiu	M				
050421	Donna Leung	F			106	3
014786	Elizabeth Lau	F			172	3
025334	Emily Tse	F	3A	13	38	2
051759	James Li	M	3A	14	1	3
096824	Jennifer Yau	F	3A	15		
024041	Jessica Hung	F	3A	16		
080272	John Tsang	M	3A	17		
090251	Joseph Liu	M	3A	18		
071030	Joshua Leung	M	3A	19		
017892	Karen Lam	F	3A	20		
031889	Kimberly Ding	F	3A	21	52	3
076105	...	F	3A	22	60	2

Total no. of student(s): 200

No. of student(s) filtered: 200

Last Modified by: school

View Student Particulars

Student No.*

Student Name*

Gender*

Male

Female

Class*

Class No.

Next Year Class

Rank#

No. of Elective Subjects*

Save

Reset

Cancel

*Mandatory Fields

#The Rank will be used as the **allocation order** when elective subjects are allocated by Rank and by Overall Ranking

Menu Bar (re-organised)

Function Buttons

Filtering & Sorting

Action Area

Rank ▾

No. of Elective Subjects ▾

Sort Smallest to Largest

Sort Largest to Smallest

Clear Sort

Clear Filter

Custom Filter ▾

(Select All)

1

2

3

4

5

6

7

Filter

Cancel

Student Option Programme

Current Status

Student Information

Elective Subject Information

Student Options

Time Block

Elective Subject Allocation

Print Timetable

Reports

Student Information > Student Particulars

Related Link(s) ▾

+ New

↓ Import ▾

↑ Export

Student No. ▾	Student Name ▾	Gender ▾	Class ▾	Class No. ▾	Next Year Class ▾	Rank ▾	No. of Elective Subjects ▾	
031137	Andrew Ko	M	3A	1		178	2	🗑
078451	Anthony Pak	M	3A	2		39	3	🗑
017833				3		166	3	🗑
060810				4		73	2	🗑
087263				5		31	3	🗑
090241				6		13	2	🗑
082078	Christop	M	3A	7		19	2	🗑
086122	Daniel Tse	M	3A	8		162	3	🗑
097370	David Hui	M	3A	9		176	3	🗑
027196	Donald Chiu	M	3A	10		9	3	🗑
050421	Donna Leung	F	3A	11				🗑
014786	Elizabeth Lau	F	3A	12				🗑
025334	Emily Tse	F	3A	13				🗑
051759	James Li	M	3A	14				🗑
096824	Jennifer Yau	F	3A	15				🗑
024041	Jessica Hung	F	3A	16				🗑
080272	John Tsang	M	3A	17		55	3	🗑
090251	Joseph Liu	M	3A	18		110	3	🗑
071030	Joshua Leung	M	3A	19		96	2	🗑
017000	K	F	3A	20		160	2	🗑

Double-click

Turn into edit mode

Update Student Particulars

Student No.*
097370

Student Name*
David Hui

Gender*
☒ Male ☐ Female

Class*
3A

Class No.
9

Next Year Class

Rank#
176

No. of Elective Subjects*
3

Save

Reset

Cancel

*Mandatory Fields

#The Rank will be used as the **allocation order** when elective subjects are allocated by Rank and by Overall Ranking

Total no. of student(s): 200 No. of student(s) filtered: 200



Time Block Generation

1. What is Time Block?
2. Generate time blocks to find the best one with estimated satisfaction rate within a time limit
3. Generation based on fixed time blocks
4. Select a time block structure as confirmed
5. Create a customised time block structure
6. Calculation of satisfaction rate (top priorities vs all options)

1. What is Time Block?

- Time block refers to the **time slots reserved in the school timetable for elective subjects**.
- Students can take **one of the elective subjects in each time block**.
- SOP helps schools to design and optimise the **combination of elective subjects** for the time blocks based on **schools' various constraints** (e.g. putting ECON and BAFS into different time blocks if they are taught by the same teacher).

Block 1
<ul style="list-style-type: none">• PHY• ECON• ...

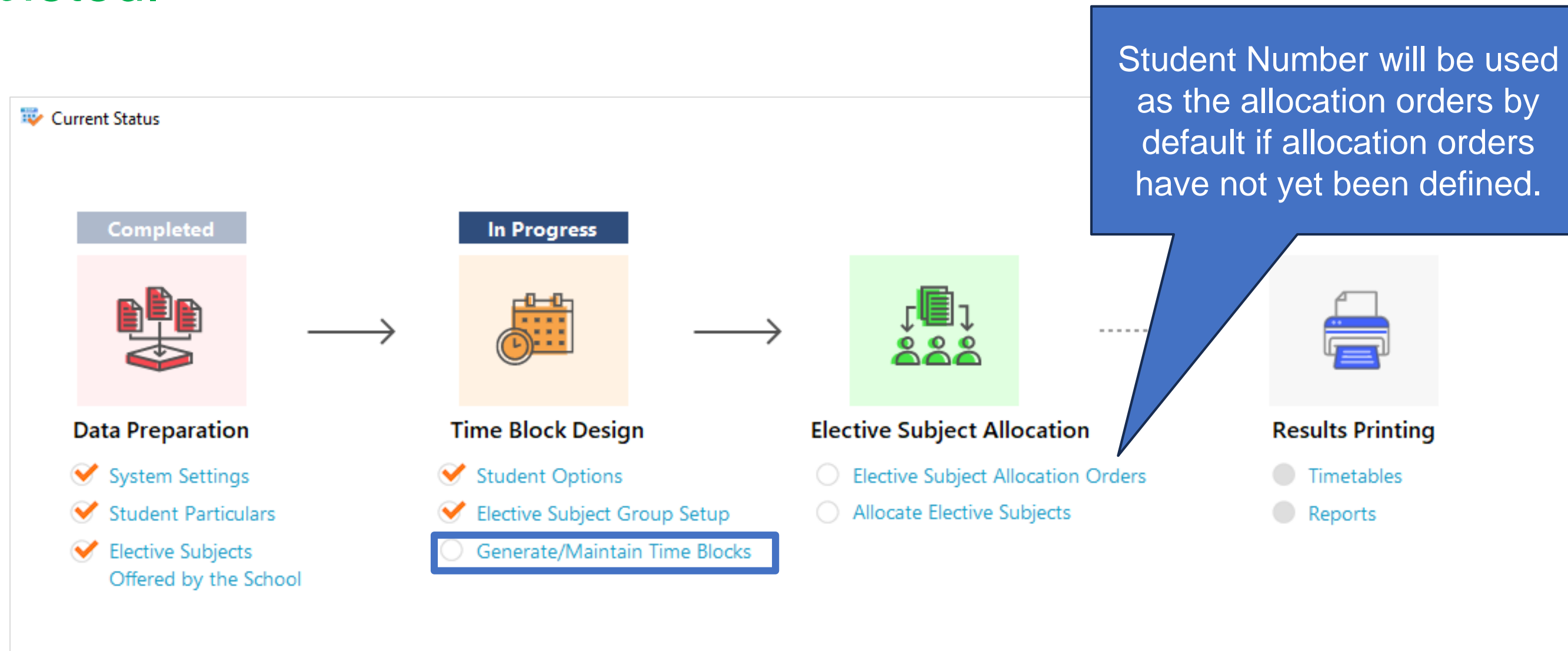
Block 2
<ul style="list-style-type: none">• BIO• BAFS• ...

Block 3
<ul style="list-style-type: none">• CHEM• HIST• ...

The combination of subjects / modules in the time blocks affect the satisfaction rates of students

2. Time Block Generation - Generate time blocks to find the best one with estimated satisfaction rate within a time limit

- Before time block generation, make sure the previous steps are completed.



2. Time Block Generation - Generate time blocks to find the best one with estimated satisfaction rate within a time limit

- Users could select to generate time blocks “based on elective subject group constraints” or “based on elective subject group constraints and fixed time blocks”

Current Status

Student Information

Elective Subject Information

Student Options

Time Block

Time Block > **Generate/ Maintain Time Blocks**

Generate Time Blocks

+ New

Import from File

Export

based on elective subject group constraints

based on elective subject group constraints and fixed time blocks

Time Block Result	Estimated Satisfaction Rate		Electi
	Top Priorities	All Options	

2. Time Block Generation - Generate time blocks to find the best one with estimated satisfaction rate within a time limit

- Select the **algorithm** used by schools and the **time limit** for the generation.

Generate Time Block

Allocation Algorithm Choices

☒

Choice 1 - one of each student's choices will be fulfilled in each iteration.

☐

Choice 2 - one of each student's choices will be fulfilled in the 1st iteration. His/her remaining choices will be allocated in the 2nd iteration.

☐

Choice 3 - all the choices of each student would be allocated in one iteration.

☐

Choice 4 - two of each student's choices will be fulfilled in the 1st iteration. His/her remaining choices will be allocated in the 2nd iteration.

Subject Group Distribution Choices

☒

Choice 1 - Students will be distributed to different groups evenly

☐

Choice 2 - Students will be distributed to different groups based on their allocation order

Remarks: The system gives favour to students' options rather than the elective subject group distribution choice selected above.

Compulsory Block

☐

Has Compulsory Block

Block 1

Time Limit

Generation Time Limit

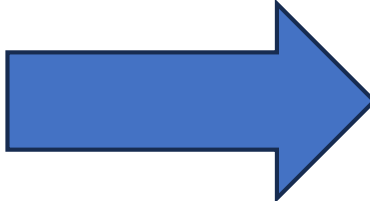
5 mins

Generate

Cancel

2. Time Block Generation - Generate time blocks to find the best one with estimated satisfaction rate within a time limit

- System starts to generate the time blocks.
- User could click on the generated time block results to check the details.



Student Option Programme

Current Status

Student Information

Elective Subject Information

Student Options

Time Block

Elective Subject Allocation

Print Timetable

Reports

Time Block > Generate/ Maintain Time Blocks

Stop Generating

+ New

Import from File

Export

Satisfaction Rate Calculation

Time Block Result	Estimated Satisfaction Rate	
	Top Priorities	All Options
Combination 1	96.33%	98.88%
(Generating...)	Elapsed Time: 0:04	

View Time Block

Elective Subject Group	Block 1	Block 2	Block 3
	CHEM Group 2	CHEM Group 1	企業 組別 1
	企業 組別 2	BIO Group 1	BIO Group 2
	PHY Group 1	ICT Group 1	PHY Group 2
	ICT Group 2	經濟 組別 1	經濟 組別 2
	旅遊	視藝	地理
	ECON	M1	中史

Allocation Algorithm Choices: Choice 1 Elective Subject Group Distribution: Choice 1 Compulsory Block: -

Mark as Confirmed Time Block

Calculate

Count Description	Block 1	Block 2	Block 3
Max number of subject groups	6	6	6
Number of subject groups assigned	6	6	6

3. Time Block Generation - Generation based on fixed time blocks

- For generation of time blocks “based on elective subject group constraints and fixed time blocks”

Current Status

Student Information

Elective Subject Information

Student Options

Time Block

Time Block > Generate/ Maintain Time Blocks

Generate Time Blocks

+ New

Import from File

Export

based on elective subject group constraints

based on elective subject group constraints and fixed time blocks

Time Block Result	Estimated Satisfaction Rate		View T	Electi
	Top Priorities	All Options		

3. Time Block Generation - Generation based on fixed time blocks

- Drag and drop the elective subject to “Block 1”, “Block 2” to assign and fix the elective subject to the time block

Generate Time Block

Define Fixed Time Block

A

Draggable cell

A

Fixed cell

Elective Subject Group	Block 1	Block 2	Block 3
BIO Group 2	M1		中史
CHEM Group 1	BIO Group 1		
CHEM Group 2			
PHY Group 1			
PHY Group 2			
經濟 組別 1			

Reset

Count Description	Block 1	Block 2	Block 3
Max number of subject groups	6	6	6
Number of subject groups assigned	2	0	1

Next

Cancel

4. Time Block Generation - Select a time block structure as confirmed

- Select a time block as confirmed with reference to the **estimated satisfaction rates** for subject allocation

Satisfaction Rate Calculation

Time Block Result	Estimated Satisfaction Rate		
	Top Priorities	All Options	
Combination 1	96.33%	98.88%	
Combination 2	98.17%	99.30%	
Combination 3	98.50%	99.56%	
Combination 4	99.00%	99.68%	

View Time Block

A Fixed cell

Elective Subject Group	Block 1	Block 2	Block 3
	CHEM Group 2	CHEM Group 1	企業 組別 1
	企業 組別 2	BIO Group 1	BIO Group 2
	PHY Group 1	ICT Group 2	PHY Group 2
	ICT Group 1	經濟 組別 1	經濟 組別 2
	視藝	地理	旅遊
	ECON	M1	中史

Allocation Algorithm Choices: Choice 1 Elective Subject Group Distribution: Choice 1 Compulsory Block: -

Mark as Confirmed Time Block

Calculate

5. Create a customised time block structure

- Create a customised time block by the “New” button or edit and save an existing time block as a new one.

Time Block > **Generate/ Maintain Time Blocks**

Generate Time Blocks

New

Import from File

Export

Satisfaction Rate Calculation

	Time Block Result	Estimated Satisfaction Rate		
		Top Priorities	All Options	
	Combination 1	96.33%	98.88%	
	Combination 2	98.17%	99.30%	
	Combination 3	98.50%	99.56%	
✓	Combination 4	99.00%	99.68%	

Update Time Block

A

Draggable cell

A

Fixed cell

Elective Subject Group	Block 1	Block 2	Block 3
企業 組別 2	CHEM Group 2	CHEM Group 1	企業 組別 1
ECON	PHY Group 1	BIO Group 1	BIO Group 2
經濟 組別 1	ICT Group 1	ICT Group 2	PHY Group 2
經濟 組別 2	視藝	地理	旅遊
		M1	中史

Save

Save As...

Reset

Cancel

5. Create a customised time block structure

- Calculate estimated satisfaction rate of the customised time block structure

Time Block > **Generate/ Maintain Time Blocks**

Generate Time Blocks

+ New

Import from File

Export

Satisfaction Rate Calculation

	Time Block Result	Estimated Satisfaction Rate		
		Top Priorities	All Options	
	Combination 1	96.33%	98.88%	
	Combination 2	98.17%	99.30%	
	Combination 3	98.50%	99.56%	
✓	Combination 4	99.00%	99.68%	
	Combination 5			

View Time Block

Elective Subject Group	Block 1	Block 2	Block 3
	CHEM Group 2	CHEM Group 1	企業 組別 1
	PHY Group 1	BIO Group 1	BIO Group 2
	ICT Group 1	ICT Group 2	PHY Group 2
	視藝	地理	旅遊
	ECON	M1	中史
	經濟 組別 1	經濟 組別 2	企業 組別 2

Allocation Algorithm Choices: -

Elective Subject Group Distribution: -

Compulsory Block: -

Mark as Confirmed Time Block

Calculate

6. Calculation of satisfaction rate (top priorities vs all options)

- Duplicated/crashed elective subjects with lower priorities are not counted

	Allocated Subjects/Modules
	Options to be cleaned

No. of Elective Subjects taken by the student = 3

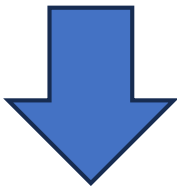
Option	1	2	3	4	5	6
Elective Subjects	BIO	生物	CHEM	PHY	ECON	GEO
Allocation 1	1		2	3	4	5
Allocation 2	1	2	3	4	5	6
Allocation 3	1	2	3	4	5	6

6. Calculation of satisfaction rate (top priorities vs all options)

- **Top priorities:** calculate allocated subjects in top 3 priorities
- **All options:** calculate allocated subjects in all options

	Allocated Subjects/Modules
	Options to be cleaned

No. of elective subjects taken by the student = 3



Option	1	2	3	4	5	Allocated Options	Satisfaction Rate	
Elective Subjects	BIO	生物	CHEM	PHY	ECON		Top Priorities	All Options
Allocation 1	1		2	3	4	1, 2, 3	100%	100%
Allocation 2	1	2	3	4	5	2, 3, 4	100/3+ 100/3+ 0 = 66.67%	100/3+ 100/3+ 100/4 = 91.67%
Allocation 3	1	2	3	4	5	2, 3, 5	100/3+ 100/3+ 0 = 66.67%	100/3+ 100/3+ 100/5 = 86.67%



Elective Subject Allocation

1. New UI arrangement (by overall ranking)
2. Selecting students for partial allocation (using ctrl & shift keys)
3. New allocation method (elective subject queue)
4. New backtracking function

1. Elective Subject Allocation - New UI arrangement (by overall ranking)

- Filter the students by allocated subject / module
- Support multiple selections on the elective subjects

Student Option Programme

Current Status

Student Information

Elective Subject Allocation

Timetable

Reports

Elective Subject Allocation > Allocate Elective Subjects

Generate Allocation Results

Clear

Import from File

Export to Excel

Preview

Filter students by Subject / Module

All

☒ All

☒ M1

☒ BIO

☒ CHEM

☒ PHY

☒ 中史

☒ ECON

Filter

Cancel

Compulsory block not allocated

Insufficient Subject / Module allocated

Subject / Module not in top priorities

Student No.	Student Name	Class	Class No.	Overall Rank	Allocation Order	No. of Electives to be Taken	No. of Electives Allocated	Block 1	Block 2	Block 3
031137	And	3A	1	178	178	2	2		經濟 (2)	中史 (1)
078451	Ant	3A	2	39	39	3	3	PHY (1)	經濟 (2)	旅遊 (4)
017833	Ash	3A	3	166	166	3	3	企業 (1)	ICT (2)	經濟 (3)
060810	Bar	3A	4	73	73	2	2	PHY (1)		BIO (2)
087263	Betty Fan	3A	5	31	31	3	3	ECON (1)	BIO (2)	中史 (3)
090241	Charles Dai	3A	6	13	13	2	2	ICT (2)	BIO (1)	
082078	Christopher Law	3A	7	19	19	2	2		經濟 (2)	PHY (1)
086122	Daniel Tse	3A	8	162	162	3	3	PHY (2)	ICT (1)	BIO (3)
097370	David Hui	3A	9	176	176	3	3	視藝 (2)	經濟 (1)	旅遊 (3)

1. Elective Subject Allocation - New UI arrangement (by overall ranking)

- Allocated subjects / modules not in top priorities will be highlighted in blue

A Compulsory block not allocatedA Insufficient Subject / Module allocatedA Subject / Module not in top priorities

Student No.	Student Name	Class	Class No.	Overall Rank	Allocation Order	No. of Electives to be Taken	No. of Electives Allocated	Block 1	Block 2	Block 3
031137	Andrew Ko	3A	1	178	178	2	2		經濟 (2)	中史 (1)
078451	Anthony Pak	3A	2	39	39	3	3	PHY (1)	經濟 (2)	旅遊 (4)
017833	Ashley Fong	3A	3	166	166	3	3	企業 (1)	ICT (2)	經濟 (3)
060810	Barbara Cheng	3A	4	73	73	2	2	PHY (1)		BIO (2)
087263	Betty Fan	3A	5	31	31	3	3	ECON (1)	BIO (2)	中史 (3)
090241	Charles Dai	3A	6	13	13	2	2	ICT (2)	BIO (1)	
082078	Christopher Law	3A	7	19	19	2	2		經濟 (2)	PHY (1)
086122	Daniel Tse	3A	8	162	162	3	3	PHY (2)	ICT (1)	BIO (3)
097370	David Hui	3A	9	176	176	3	3	視藝 (2)	經濟 (1)	旅遊 (3)
027196	Donald Chiu	3A	10	9	9	3	3	PHY (3)	CHEM (1)	經濟 (2)
050421	Donna Leung	3A	11	106	106	3	3	視藝 (3)	經濟 (1)	企業 (2)
014786	Elizabeth Lau	3A	12	172	172	3	3	ECON (4)	CHEM (1)	BIO (2)
025334	Emily Tse	3A	13	38	38	2	2		ICT (1)	經濟 (2)
051759	James Li	3A	14	1	1	3	3	ICT (1)	BIO (2)	中史 (3)
096824	Jennifer Yau	3A	15	126	126	2	2		BIO (1)	旅遊 (2)
024041	Jessica Hung	3A	16	34	34	2	2		經濟 (1)	中史 (2)

Total no. of student(s): 200No. of student(s) filtered: 200Allocation Algorithm Choices: Choice_1Elective Subject Group Distribution: Choice_1Compulsory Block: -

1. Elective Subject Allocation - New UI arrangement (by overall ranking)

- Select and double click a student to view elective subject allocation result with the student's options or perform manual allocation

Student Option Programme

Current Status

Student Information

Elective Subject Information

Student Allocation

Print Timetable

Reports

Elective Subject Allocation > Allocate Elective Subjects

Generate Allocation Results

Clear

Import from File

Export

Print Review

Filter students by Subject / Module

All

Double-click

A Compulsory block not allocated

A Insufficient Subject / Module allocated

A Subject / Module not in top priorities

Student No.	Student Name	Class	Class No.	Overall Rank	Allocation Order	No. of Electives to be Taken	No. of Electives Allocated	Block 1	Block 2	Block 3
031137	Andrew Ko	3A	1	178	178	2	2		經濟 (2)	中史 (1)
078451	Anthony Pak	3A	2	39	39	3	3	PHY (1)	經濟 (2)	旅遊 (4)
017833	Ashley Fong	3A	3	166	166	3	3	企業 (1)	ICT (2)	經濟 (3)
060810	Barbara Cheng	3A	4	73	73	2	2	PHY (1)		BIO (2)
087263	Betty Fan	3A	5	31	31	3	3	ECON (1)	BIO (2)	中史 (3)

1. Elective Subject Allocation - New UI arrangement (by overall ranking)

- The allocation result of the selected student will be displayed on the right

Generate Allocation Results

Clear

Import from File

Export

Print Preview

Filter students by Subject / Module

All

A Compulsory block not allocated

A Insufficient Subject / Module allocated

A Subject / Module not in top priorities

Student No.	Student Name	Class	Class No.	Overall Rank	Allocation Order	No. of Electives to be Taken	No. of Electives Allocated	Block 1
031137	Andrew Ko	3A	1	178	178	2	2	
078451	Anthony Pak	3A	2	39	39	3	3	PHY (1)
017833	Ashley Fong	3A	3	166	166	3	3	企業 (1)
060810	Barbara Cheng	3A	4	73	73	2	2	PHY (1)
087263	Betty Fan	3A	5	31	31	3	3	ECON (1)
090241	Charles Dai	3A	6	13	13	2	2	ICT (2)
082078	Christopher Law	3A	7	19	19	2	2	
086122	Daniel Tse	3A	8	162	162	3	3	PHY (2)
097370	David Hui	3A	9	176	176	3	3	視藝 (2)
027196	Donald Chiu	3A	10	9	9	3	3	PHY (3)
050421	Donna Leung	3A	11	106	106	3	3	視藝 (3)
014786	Elizabeth Lau	3A	12	172	172	3	3	ECON (4)
025334	Emily Tse	3A	13	38	38	2	2	
051759	James Li	3A	14	1	1	3	3	ICT (1)
096824	Jennifer Yau	3A	15	126	126	2	2	
024041	Jessica Hung	3A	16	34	34	2	2	
080272	John Tsang	3A	17	55	55	3	3	視藝 (1)
090251	Joseph Liu	3A	18	110	110	3	3	ICT (2)
071030	Joshua Leung	3A	19	96	96	2	2	視藝 (2)

Total no. of student(s): 200 No. of student(s) filtered: 200

<Allocated/quota> Elective Subject Group with exceeded quota

<Allocated/quota> Elective Subject Group with vacancies

Allocated/quota Elective Subject Group with exceeded quota allocated to students

Allocated/quota Elective Subject Group with vacancies allocated to students

Subject / Module	Priority	Block 1	Block 2	Block 3
M1	6		25/40	
BIO	12		35/35	27/30
CHEM	4	30/30	33/35	
PHY	5	33/35		30/30
中史	1			32/35
經濟	2		28/40	27/40
ECON	11	22/40		
地理	8		35/35	
旅遊	7			34/35
企業	9	29/30		35/35
ICT	10	35/35	27/30	
視藝	3	29/35		

Allocate Subject / Module Withdraw Subject / Module Cancel

Allocation Algorithm Choices: Choice 1 Elective Subject Group Distribution: Choice 1 Compulsory Block: -

1. Elective Subject Allocation - New UI arrangement (by overall ranking)

- Select the allocated subject and click “Withdraw Subject / Module” button to withdraw the selected subject manually

Subject / Module	Priority	Block 1	Block 2	Block 3
M1	6		25/40	
BIO	12		35/35	27/30
CHEM	4	30/30	33/35	
PHY	5	33/35		30/30
中史	1			32/35
經濟	2		28/40	27/40
ECON	11	22/40		
地理	8		35/35	
旅遊	7			34/35
企業	9	29/30		35/35
ICT	10	35/35	27/30	
視藝	3	2		

Allocate Subject / Module

Withdraw Subject / Module

Cancel

Subject / Module	Priority	Block 1	Block 2	Block 3
M1	6		25/40	
BIO	12		35/35	27/30
CHEM	4	30/30	33/35	
PHY	5	33/35		30/30
中史	1			32/35
經濟	2		27/40	27/40
ECON	11	22/40		
地理	8		35/35	
旅遊	7			34/35
企業	9	29/30		35/35
ICT	10	35/35	27/30	
視藝	3	29/35		

Allocate Subject / Module

Withdraw Subject / Module

Cancel

1. Elective Subject Allocation - New UI arrangement (by overall ranking)

- Select the non-allocated subject and click “Allocate Subject / Module” button to allocate the subject manually

Subject / Module	Priority	Block 1	Block 2	Block 3
M1	6		25/40	
BIO	12		35/35	27/30
CHEM	4	30/30	33/35	
PHY	5	33/35		30/30
中史	1			32/35
經濟	2		27/40	27/40
ECON		22/40		
地理	8		35/35	
旅遊	7			34/35
企業	9	29/30		35/35
ICT	10	35/35	27/30	
視藝	3	29/35		

Allocate Subject / ModuleWithdraw Subject / ModuleCancel

Subject / Module	Priority	Block 1	Block 2	Block 3
M1	6			
BIO	12			
CHEM	4	30/30		
PHY	5	33/35		30/30
中史	1			32/35
經濟	2		27/40	27/40
ECON	11	23/40		
地理	8		35/35	
旅遊	7			34/35
企業	9	29/30		35/35
ICT	10	35/35	27/30	
視藝	3	29/35		

Allocate Subject / ModuleWithdraw Subject / ModuleCancel

Enhanced to allow the excess of elective subject group quota by manual allocation

2. Elective Subject Allocation – Selecting students for partial allocation (using ctrl & shift keys)

- **Ctrl key** + Left click: To select multiple non-consecutive students
- **Shift key** + Left click: To select a range of consecutive students

Elective Subject Allocation > **Allocate Elective Subjects**

Generate Allocation ResultsClearImport from FileExportPrint Preview

Filter students by Subject / ModuleAll

A Compulsory block not allocatedA Insufficient Subject / Module allocatedA Subject / Module not in top priorities

Student No.	Student Name	Class	Class No.	Overall Rank	Allocation Order	No. of Electives to be Taken	No. of Electives Allocated	Block 1	Block 2	Block 3
031137	Andrew Ko	3A	1	178	178	2	2		經濟 (2)	中史 (1)
078451	Anthony Pak	3A	2	39	39	3	3	PHY (1)	經濟 (2)	旅遊 (4)
017833	Ashley Fong	3A	3	166	166	3	3	企業 (1)	ICT (2)	經濟 (3)
060810	Barbara Cheng	3A	4	73	73	2	2	PHY (1)		BIO (2)
087263	Betty Fan	3A	5	31	31	3	3	ECON (1)	BIO (2)	中史 (3)
090241	Charles Dai	3A	6	13	13	2	2	ICT (2)	BIO (1)	
082078	Christopher Law	3A	7	19	19	2	2		經濟 (2)	PHY (1)
086122	Daniel Tse	3A	8	162	162	3	3	PHY (2)	ICT (1)	BIO (3)

3. Elective Subject Allocation - New allocation method (elective subject queue)

Elective Subject Availability

Subject / Module	Availability		
	Block 1	Block 2	Block 3
M1		25/40	
BIO		35/35	27/30
CHEM	30/30	33/35	
PHY	33/35		30/30
中史			32/35
經濟		28/40	27/40
ECON	22/40		
地理		35/35	
旅遊			34/35
企業	29/30		35/35
ICT	35/35	27/30	
視藝	29/35		

Elective Subject Allocation Results

Student No.	Student Name	Class	Class No.	Overall Rank	Allocation Order	Priority	No. of Electives to be Taken	No. of Electives Allocated	Block 1	Block 2	Block 3
031137	Andrew Ko	3A	1	178			2	2		經濟 (2)	中史 (1)
078451	Anthony Pak	3A	2	39			3	3	PHY (1)	經濟 (2)	旅遊 (4)
017833	Ashley Fong	3A	3	166			3	3	企業 (1)	ICT (2)	經濟 (3)
060810	Barbara Cheng	3A	4	73			2	2	PHY (1)		BIO (2)
087263	Betty Fan	3A	5	31			3	3	ECON (1)	BIO (2)	中史 (3)
090241	Charles Dai	3A	6	13			2	2	ICT (2)	BIO (1)	
082078	Christopher Law	3A	7	19			2	2		經濟 (2)	PHY (1)
086122	Daniel Tse	3A	8	162			3	3	PHY (2)	ICT (1)	BIO (3)
097370	David Hui	3A	9	176			3	3	視藝 (2)	經濟 (1)	旅遊 (3)
027196	Donald Chiu	3A	10	9			3	3	PHY (3)	CHEM (1)	經濟 (2)
050421	Donna Leung	3A	11	106			3	3	視藝 (3)	經濟 (1)	企業 (2)
014786	Elizabeth Lau	3A	12	172			3	3	ECON (4)	CHEM (1)	BIO (2)
025334	Emily Tse	3A	13	38			2	2		ICT (1)	經濟 (2)
051759	James Li	3A	14	1			3	3	ICT (1)	BIO (2)	中史 (3)
096824	Jennifer Yau	3A	15	126			2	2		BIO (1)	旅遊 (2)
024041	Jessica Hung	3A	16	34			2	2		經濟 (1)	中史 (2)
080272	John Tsang	3A	17	55			3	3	視藝 (1)	經濟 (2)	中史 (3)
090251	Joseph Liu	3A	18	110			3	3	ICT (2)	BIO (1)	旅遊 (3)
071030	Joshua Leung	3A	19	96			2	2	視藝 (2)	經濟 (1)	

3. Elective Subject Allocation - New allocation method (elective subject queue)

- Select one of the subjects on the Elective Subject Availability table
- Students will be sorted by the allocation order of the selected subject

<Allocated/quota> Elective Subject Group with exceeded quota
<Allocated/quota> Elective Subject Group with vacancies

A Compulsory block not allocated
A Insufficient Subject / Module allocated
A Subject / Module not in top priorities

Allocated/quota
Selected Subject / Module

Subject / Module	Availability			Student No.	Student Name	Class	Allocation Order (M1)	Priority (M1)	No. of Electives to be Taken	No. of Electives Allocated	Block 1	Block 2	Block 3		
	Block 1	Block 2	Block 3												
M1		25/40		4777	Yn Yeung	3C	5	6	1	1	3	3	ICT (2)	M1 (1)	PHY (3)
BIO		35/35	27/30	7777	min Liu	3C	4	78	2	1	3	3	ICT (2)	M1 (1)	企業 (3)
CHEM	30/30	33/35		082910	Christine Lo	3C	8	81	3	1	3	3	ECON (2)	M1 (1)	PHY (3)
PHY	33/35		30/30	071410	Jack Ding	3C	18	105	4	1	3	3	ICT (2)	M1 (1)	企業 (3)
中史			32/35	056874	Cheryl Yeung	3D	9	133	5	1	3	3	CHEM (2)	M1 (1)	旅遊 (3)
經濟		28/40	27/40	038448	Ann Fong	3D	3	159	6	1	3	3	CHEM (3)	M1 (1)	中史 (2)
ECON	22/40			027737	Julia Wan	3E	24	165	7	1	3	3	CHEM (3)	M1 (1)	中史 (2)
地理		35/35		012076	Rachel Cheng	3C	33	14	8	2	3	3	ICT (1)	M1 (2)	企業 (3)
旅遊			34/35	070956	Jose Tsui	3C	21	41	9	2	3	3	ICT (1)	M1 (2)	PHY (3)
企業	29/30		35/35	098781	Raymond Cheng	3C	34	72	10	2	3	3	CHEM (3)	M1 (2)	PHY (1)
ICT	35/35	27/30		077358	Julie Lam	3C	23	99	11	2	3	3	CHEM (1)	M1 (2)	中史 (3)
視藝	29/35			095523	Tyler Lo	3C	37	141	12	2	3	3	CHEM (1)	M1 (2)	企業 (3)
				016896	Diana Poon	3E	14	188	13	2	3	3	視藝 (3)	M1 (2)	中史 (1)
				046733	Lawrence Ngai	3D	29	191	14	2	3	3	ICT (3)	M1 (2)	企業 (1)
				016680	Christina Fan	3C	7	2	15	3	3	3	CHEM (1)	M1 (3)	企業 (2)
				089241	Sophia Cheung	3D	37	12	16	3	3	3	ICT (1)	M1 (3)	旅遊 (2)

Allocate Subject / Module

Withdraw Subject / Module

3. Elective Subject Allocation - New allocation method (elective subject queue)

- Filter the students by Subject / Module
- Support multiple selections on the elective subjects

Student Option Programme

Current Status

Student Information

Elective Sub

Print Timetable

Reports

Elective Subject Allocation > Allocate Elective Subjects

Generate Allocation Results

Clear

Import from File

↑ E

Print Preview

Filter students by Subject / Module

All

☒ All

☒ M1

☒ BIO

☒ CHEM

☒ PHY

☒ 中史

☒ ECON

Filter

Cancel

<Allocated/quota> Elective Subject G

<Allocated/quota> Elective Subject G

Subject / Module

Block 1

M1

BIO

CHEM

PHY

中史

30/30

33/35

30/30

32/35

Student No.

Student Name

Class

Class No.

Overall Rank

Allocation Order

Priority

No. of Electives to be Taken

No. of Electives Allocated

Block 1

Block 2

Block 3

03137

Andrew Ko

3A

1

178

2

2

經濟 (2)

中史 (1)

07451

Anthony Pak

3A

2

39

3

3

PHY (1)

經濟 (2)

旅遊 (4)

017833

Ashley Fong

3A

3

166

3

3

企業 (1)

ICT (2)

經濟 (3)

000810

Barbara Cheng

3A

4

73

2

2

PHY (1)

BIO (2)

087263

Betty Fan

3A

5

31

3

3

ECON (1)

BIO (2)

中史 (3)

A Compulsory block not allocated

A Insufficient Subject / Module allocated

A Subject / Module not in top priorities

Allocated/quota

Selected Subject / Module

Subject / Module Filter

3. Elective Subject Allocation - New allocation method (elective subject queue)

- Select and double click a student to view elective subject allocation result with the student's options

Elective Subject Allocation > Allocate Elective Subjects

Generate Allocation Results

Clear

Import from File

Export

Filter students by Subject / Module

All

Double-click

<Allocated/quota> Elective Subject Group with exceeded quota

<Allocated/quota> Elective Subject Group with vacancies

A Compulsory block not allocated

A Insufficient Subject / Module allocated

A Subject / Module not in top priorities

Allocated/quota

Selected Subject / Module

Subject / Module	Availability			Student No.	Student Name	Class	Class No.	Overall Rank	Allocation Order	Priority	No. of Electives to be Taken	No. of Electives Allocated	Block 1	Block 2	Block 3
	Block 1	Block 2	Block 3												
M1		25/40		031137	Andrew Ko	3A	1	178			2	2		經濟 (2)	中史 (1)
BIO		35/35	27/30	078451	Anthony Pak	3A	2	39			3	3	PHY (1)	經濟 (2)	旅遊 (4)
CHEM	30/30	33/35		017833	Ashley Fong	3A	3	166			3	3	企業 (1)	ICT (2)	經濟 (3)
PHY	33/35		30/30	060810	Barbara Cheng	3A	4	73			2	2	PHY (1)		BIO (2)
中史			32/35	087263	Betty Fan	3A	5	31			3	3	ECON (1)	BIO (2)	中史 (3)
經濟		28/40	27/40	090241	Charles Dai	3A	6	13			2	2	ICT (2)	BIO (1)	

3. Elective Subject Allocation - New allocation method (elective subject queue)

- The allocation result of the selected student will be displayed in a prompt window

Student Option Programme

Current Status

Student Information

Elective Subject Information

Student Options

Time Block

Elective Subject Allocation

Print Timetable

Reports

Elective Subject Allocation > Allocate Elective Subjects

Generate Allocation Results

Clear

Import from File

Export

Print Preview

Filter students by Subject / Module

All

<Allocated/quota> Elective Subject Group with exceeded quota

<Allocated/quota> Elective Subject Group with vacancies

Subject / Module	Availiability			Student No.	Student Name	Class	Class No.	Overall Rank	Alloc Order
	Block 1	Block 2	Block 3						
M1		25/40		031137	Andrew Ko	3A	1	178	
BIO		35/35	28/30	078451	Anthony Pak	3A	2	39	
CHEM	30/30	33/35		017833	Ashley Fong	3A	3	166	
PHY	35/35		28/30	060810	Barbara Cheng	3A	4	73	
中史			33/35	087263	Betty Fan	3A	5	31	
經濟		26/40	29/40	090241	Charles Dai	3A	6	13	
ECON	21/40			082078	Christopher Law	3A	7	19	
地理		35/35		086122	Daniel Tse	3A	8	162	
旅遊			34/35	097370	David Hui	3A	9	176	
企業	30/30		34/35	027196	Donald Chiu	3A	10	9	
ICT	35/35	27/30		050421	Donna Leung	3A	11	106	
視藝	28/35			014786	Elizabeth Lau	3A	12	172	

Student Options

<Allocated/quota> Elective Subject Group with exceeded quota

<Allocated/quota> Elective Subject Group with vacancies

Allocated/quota Elective Subject Group with exceeded quota allocated to students

Allocated/quota Elective Subject Group with vacancies allocated to students

Subject / Module	Priority	Block 1	Block 2	Block 3
M1	12		25/40	
BIO	5		35/35	28/30
CHEM	4	30/30	33/35	
PHY	9	35/35		28/30
中史	7			33/35
經濟	3		26/40	29/40
ECON	8	21/40		
地理	10		35/35	
旅遊	6			34/35
企業	1	30/30		34/35
ICT	2	35/35	27/30	

Close

3. Elective Subject Allocation - New allocation method (elective subject queue)

- Select a student and click “Withdraw Subject / Module” button to withdraw the selected subject manually

<Allocated/quota> Elective Subject Group with exceeded quota
<Allocated/quota> Elective Subject Group with vacancies

A Compulsory block not allocated
A Insufficient Subject / Module allocated
A Subject / Module not in top priorities
Allocated/quota
Selected Subject / Module

Subject / Module	Avaliability			Student No.	Student Name	Class	Class No.	Overall Rank	Allocation Order (M1)	(M1)	No. of Electives to be Taken	No. of Electives Allocated	Block 1	Block 2	Block 3
	Block 1	Block 2	Block 3												
M1		25/40		047362	Carolyn Yeung	3C	5	67	1	1	3	3	ICT (2)	M1 (1)	PHY (3)
BIO		35/35	27/30	077470	Benjamin Liu	3C	4	78	2	1	3	3	ICT (2)	M1 (1)	企業 (3)
CHEM	30/30	33/35		082910	Christine Lo	3C	8	81	3	1	3	3	ECON (2)	M1 (1)	PHY (3)
PHY	33/35		30/30	071410	Jack Ding	3C	18	105	4	1	3	3	ICT (2)	M1 (1)	企業 (3)
中史			32/35	056874	Cheryl Yeung	3D	9	133	5	1	3	3	CHEM (2)	M1 (1)	旅遊 (3)
經濟		28/40	27/40	038448	Ann Fong	3D	3	159	6	1	3	3	CHEM (3)	M1 (1)	中史 (2)
ECON	22/40			027737	Julia Wan	3E	24	165	7	1	3	3	CHEM (3)	M1 (1)	中史 (2)
地理		35/35		012076	Rachel Cheng	3C	33	14	8	2	3	3	ICT (1)	M1 (2)	企業 (3)
旅遊			34/35	070956	Jose Tsui	3C	21	41	9	2	3	3	ICT (1)	M1 (2)	PHY (3)
企業	29/30		35/35	098781	Raymond Cheng	3C	34	72	10	2	3	3	CHEM (3)	M1 (2)	PHY (1)
ICT	35/35	27/30		077358	Julie Lam	3C	23	99	11	2	3	3	CHEM (1)	M1 (2)	中史 (3)
視藝	29/35			095523	Tyler Lo	3C	37	141	12	2	3	3	CHEM (1)	M1 (2)	企業 (3)
				016896	Diana Poon	3E	14	188	13	2	3	3	視藝 (3)	M1 (2)	中史 (1)
				046733	Lawrence Ngai		29	191	14	2	3	3	ICT (3)	M1 (2)	企業 (1)
				016680	Christina Fan		7	2	15	3	3	3	CHEM (1)	M1 (3)	企業 (2)
				089241	Sophia Cheung		37	12	16	3	3	3	ICT (1)	M1 (3)	旅遊 (2)

Allocate Subject / Module

Withdraw Subject / Module

3. Elective Subject Allocation - New allocation method (elective subject queue)

- Select a student and click “Allocate Subject / Module” button to allocate the subject manually

<Allocated/quota> Elective Subject Group with exceeded quota
<Allocated/quota> Elective Subject Group with vacancies

A Compulsory block not allocated
A Insufficient Subject / Module allocated
A Subject / Module not in top priorities

Allocated/quota
Selected Subject / Module

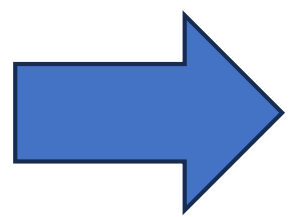
Subject / Module	Avaliability			Student No.	Student Name	Class	Class No.	Overall Rank	Allocation Order (M1)	Priority (M1)	No. of Electives to be Taken	No. of Electives Allocated	Block 1	Block 2	Block 3
	Block 1	Block 2	Block 3												
M1		25/40		016680	Christina Fan	3C	7	2	15	3	3	3	CHEM (1)		企業 (2)
BIO		35/35	27/30	089241	Sophia Cheung	3D	37	12	16	3	3	3	ICT (1)	M1 (3)	旅遊 (2)
CHEM	30/30	33/35		095296	Gabriel Wong	3E	18	22	17	3	2	2	ECON (2)		中史 (1)
PHY	33/35		30/30	079726	Arthur Yau	3D	4	27	18	3	2	2		CHEM (2)	PHY (1)
中史			32/35	061111	Catherine Lau	3C	6	46	19	3	3	3	視藝 (2)	M1 (3)	企業 (1)
經濟		28/40	27/40	051972	Judith Tsang	3D	26	47	20	3	3	3	CHEM (1)	M1 (3)	企業 (2)
ECON	22/40			040452	Lori Tong	3E	27	87	21	3	2	2	視藝 (1)		中史 (2)
地理		35/35		025806	Lauren Yip	3C	27	107	22	3	3	3	CHEM (2)	M1 (3)	旅遊 (1)
旅遊			34/35	086501	Carl Ding	3D	8	128	23	3	3	3	ICT (2)	M1 (3)	PHY (1)
企業	29/30		35/35	012042	Wayne Hui	3E	39	153	24	3	3	3	ICT (2)	M1 (3)	旅遊 (1)
ICT	35/35	27/30		022166	Gloria Tsui	3D	16	161	25	3	3	3	CHEM (1)	M1 (3)	PHY (2)
視藝	29/35			028525	Gerald Tsang	3D	15	174	26	3	3	3	ICT (1)	M1 (3)	中史 (2)
				032111	Evelyn Ding	3D	13	177	27	3	2	2	ICT (1)		企業 (2)
				027830	Joan Wong	3D	24	57	28	4	2	2	ICT (2)	地理 (1)	
				043191	Dennis Yau	3C	10	92	29	4	3	3	PHY (3)	CHEM (2)	BIO (1)
				098930	Sharon Sit	3B	36	102	30	4	3	3	PHY (2)	CHEM (3)	BIO (1)

Allocate Subject / Module

Withdraw Subject / Module

3. Elective Subject Allocation - New allocation method (elective subject queue)

- Select the allocation method when user creates a new SOP file



Create New File

Setup the Data File

No. of Time Blocks

3

No. of Elective Subjects to be taken by Students in general

3

Method of Elective Subject Allocation

☐ by Overall Ranking ☒ by Elective Subject Queue

Next Cancel

3. Elective Subject Allocation - New allocation method (elective subject queue)

- Define students' subject allocation orders of all elective subjects offered

Student Option Programme

Current Status

Student Information

Elective Subject Information

Student Options

Time Block

Elective Subject Allocation

Print Timetable

Reports

Elective Subject Allocation > Elective Subject Allocation Orders

Generate Allocation Orders

Save

Clear

Import from File

Export

Print Preview

Related Link(s)

Duplicated allocation order

Subject / Module

All

Student No.	Student Name	Class	Class No.	Overall Rank	M1 Order	BIO Order	CHEM Order	PHY Order	中史 Order	經濟 Order	ECON Order	地理 Order	旅遊 Order	
031137	Andrew Ko	3A	1	178	80	198	89	92	7	22	169	124	102	1
078451	Anthony Pak	3A	2	39	46	112	110	4	136	36	24	154	48	1
017833	Ashley Fong	3A	3	166	197	91	88	158	112	54	116	166	84	7
060810	Barbara Cheng	3A	4	73	122	36	147	9	100	71	56	177	158	1
087263	Betty Fan	3A	5	31	43	30	70	163	25	140	7	193	89	1
090241	Charles Dai	3A	6	13	42	2	157	120	188	134	82	160	31	7
082078	Christopher Law	3A	7	19	62	138	173	1	38	24	52	195	111	1
086122	Daniel Tse	3A	8	162	79	65	103	46	197	135	137	103	173	1
097370	David Hui	3A	9	176	60	197	139	114	54	5	106	161	32	1
027196	Donald Chiu	3A	10	9	116	152	2	48	59	29	93	51	164	1
050421	Donna Leung	3A	11	106	165	146	118	128	193	19	110	54	59	2
014786	Elizabeth Lau	3A	12	172	174	46	18	113	35	161	43	137	64	1
025334	Emily Tse	3A	13	38	120	153	142	51	96	32	189	63	165	1
051759	James Li	3A	14	1	84	28	92	67	24	139	182	168	199	1
096824	Jennifer Yau	3A	15	126	167	17	80	172	130	153	28	85	18	8
024041	Jessica Hung	3A	16	34	44	188	126	182	11	1	105	142	45	9
080272	John Tsang	3A	17	55	184	72	145	165	27	23	131	184	70	9
090251	Joseph Liu	3A	18	110	58	13	132	143	139	168	85	48	25	1
071030	Joshua Leung	3A	19	96	151	130	116	58	191	18	91	71	36	1
017892	Karen Lam	3A	20	168	198	80	138	192	93	8	108	162	65	5
031889	Kimberly Ding	3A	21	52	48	127	6	27	87	50	145	57	95	1
076105	Liada Li	3A	22	88	104	8	88	23	100	103	103	111	83	2

Last Modified by: school

Current Data File: data.sop

3. Elective Subject Allocation - New allocation method (elective subject queue)

- Import students' subject allocation orders

Student Option Programme

Current Status Student Information Elective Subject Information Student Options Time Block Elective Subject Allocation Print Timetable Reports

Elective Subject Allocation > Elective Subject Allocation Orders

Generate Allocation Orders Save Import from File Export Print Preview

Subject / Module All

Student No.	Student Name	Class	Class No.	Overall Rank	M1 Order	BIO Order	CHEM Order	PHY Order	中史 Order	經
031137	Andrew Ko	3A	1	178	80	198	89	92	7	22
078451	Anthony Pak	3A	2	39	46	112	110	4	136	36
017833	Ashley Fong	3A	3	166	197	91	88	158	112	54
060810	Barbara Cheng	3A	4	73	122	36	147	9	100	71
087263	Betty Fan	3A	5	31	43	30	70	163	25	14
090241	Charles Dai	3A	6	13	42	2	157	120	188	13
082078	Christopher Law	3A	7	19	62	138	173	1	38	24
086122	Daniel Tse	3A	8	162	79	65	103	46	197	13

3. Elective Subject Allocation - New allocation method (elective subject queue)

- Generate allocation order by overall ranking, random or keep the existing value

Elective Subject Allocation > Elective Subject Allocation Orders

Generate Allocation Orders

Save

Clear

Import from File

Export

Print Preview

Subject / Module

All

Student No.	Student Name	Class	Class No.	Overall Rank	M1 Order	BIO Order	CHEM Order	PHY Order	中史 Order	經濟 Order	ECON Order	地理 Order
031137	Andrew Ko	3A	1	178						22	169	124
078451	Anthony Pak	3A	2	39						36	24	154
017833	Ashley Fong	3A	3	166						54	116	166
060810	Barbara Cheng	3A	4	73						71	56	177
087263	Betty Fan	3A	5	31						140	7	193
090241	Charles Dai	3A	6	13						134	82	160
082078	Christopher Law	3A	7	19						24	52	195
086122	Daniel Tse	3A	8	162						135	137	103
097370	David Hui	3A	9	176						5	106	161
027196	Donald Chiu	3A	10	9						29	93	51
050421	Donna Leung	3A	11	106						19	110	54
014786	Elizabeth Lau	3A	12	172						161	43	137
025334	Emily Tse	3A	13	38						32	189	63
051759	James Li	3A	14	1	84	28	92	67	24	139	182	168

Generate Allocation Order

Generation Method

Keep the existing value

Apply to All

Subject / Module	Generation Method
M1	Keep the existing value
BIO	Keep the existing value
CHEM	Keep the existing value
PHY	Overall Ranking
中史	Random
經濟	Keep the existing value
ECON	Keep the existing value
地理	Keep the existing value

Generate

Cancel

4. New backtracking function

- SOP will try to improve the allocation results so as to increase the overall satisfaction rates of students

<Allocated/quota> Elective Subject Group with exceeded quota

<Allocated/quota> Elective Subject Group with vacancies

Allocated/quota Elective Subject Group with exceeded quota allocated to students

Allocated/quota Elective Subject Group with vacancies allocated to students

Subject / Module	Priority ▲	Block 1	Block 2	Block 3
化學		0/1		1/1
文學	1		1/1	
經濟	2		1/1	1/2
企業	3	1/1	0/1	
物理	4	1/1	0/1	

Allocation result of student A

4. New backtracking function

- SOP will swap the elective subject allocated **without affecting the satisfaction rate of student B** to free up quota for student A

<Allocated/quota> Elective Subject Group with exceeded quota

<Allocated/quota> Elective Subject Group with vacancies

Allocated/quota Elective Subject Group with exceeded quota allocated to students

Allocated/quota Elective Subject Group with vacancies allocated to students

Subject / Module	Priority ▲	Block 1	Block 2	Block 3
文學			1/1	
物理		1/1	0/1	
經濟	1		1/1	1/2
企業	2	1/1	0/1	
化學	3	0/1		1/1

Allocation result of student B



Other Improvements

1. New UI of printing timetables
2. Allocation of subjects / modules **without duplication**
3. Setup elective subject groups with **different quotas**
4. Allocate elective subjects to students taking different no. of elective subjects
5. No merged cells in the reports exported in Excel format
6. Data security

1. New UI of printing timetables

- The UI of workflow guiding users to go through the steps required for printing timetables

Student Option Programme

Current Status

Student Information

Elective Subject Information

Student Options

Time Block

Elective Subject Allocation

Print Timetables

Reports

Print Timetables

Related Link(s)

Export Time Block Result to WebSAMS

Export Allocation Result to WebSAMS

Import Master Timetable

Print Timetables

Timetable

test2024S

Filter and Sorting

Preview

Student Class

From 3A

to 3A

Student No.

From

to

Sort Order

Student Name

Student No.

Print Preview

TimetableReport

00001094

00004869

00005897

00008405

00009275

00009789

00009872

00012435

00013412

00014535

00021413

00023325

00023523

00023582

00025323

00025325

00025353

00025421

00025432

00023523

00023582

00025323

00025325

00025353

00025421

00025432

Student Timetable

Class :

Student Number : 00001094

Student Name : CHAN XXX TING

Last Modified by: ritatckuo

Current Data File: workshop.sop

2. Allocation of subjects / modules without duplication

- No longer need to use different MOIs to represent BAFS (Business) and BAFS (Accounting)

Current Status

Student Information

Elective Subject Information

Student Options

Time Block

Elective Subject Allocation

Print Timetable

Reports

Elective Subject Information > Elective Subjects Offered by the School

Save

+ New

Import School-defined Elective Subjects

Export

Subject Code	Subject / Module (Short Name)	Subject / Module (Full Name)	Chinese (Cantonese)	English	Chinese (Putonghua)	Other Language
M1	數延一	數學 (延伸部分 – 單...				
M2	數延二	數學 (延伸部分 – 單...				
BIO	生物	生物				
CHEM	化學	化學				
PHY	物理	物理				
CLIT	文學	中國文學				
ELIT	英學	英語文學				
CHIS	中史	中國歷史				
ECON	經濟	經濟				
ERS	宗教	倫理與宗教 (中學...				
GEO	地理	地理				
HIST	歷史	歷史				
THS	旅遊	旅遊與款待				
BAFS	企業	企業、會計與財務概...				
BA	企業會計	企業會財 (會計)				
BM	企業管理	企業會財 (商業管理)				
DAT	設計	設計與應用科技				
HMSC	健社	健康管理與社會關懷				
ICT	資訊	資訊及通訊科技				
FS&T	食品科學	科技與生活 (食品科...				

View Subject / Module

Subject Code*

MOI#

Subject Code

Short Name (1)*

Full Name (1)*

Enable

MOI(1):

Short Name (2)*

Full Name (2)*

MOI(2):

WebSAMS Code

Save Subject Information

Reset

Cancel

*Mandatory Fields

#MOI: 1=Chinese (Cantonese), 2=English, 3=Chinese (Putonghua), 9=Other Language

Total no. of elective subject(s) / subject module(s) listed for selection: 25

Total no. of elective subject(s) / subject module(s) offered by the school: 12

Remarks: M1 / M2 is the Extended Part of the senior secondary Mathematics curriculum
(Source: Mathematics Education Key Learning Area Curriculum Guide (Primary 1 - Secondary 6) (2017))

Last Modified by: school

Current Data File: data.sop

3. Setup elective subject groups with different quotas

- No longer need to use dummy students



Elective Subject Group and Quota Setup					
Subject / Module	NOR*	No. of Elective Subject Groups	Group 1 Quota	Group 2 Quota	Group 3 Quota
M1	24	1	40		
BIO	63	2	35	30	
CHEM	64	2	35	30	
PHY	63	3	40	40	40
中史	33	1	35		
經濟	54	2	40	40	
ECON	21	1	40		
地理	36	1	35		
旅遊	35	1	35		
企業	64	2	35	30	
ICT	61	2	35	30	

*NOR - No. of Requests according to the no. of elective subjects students need to take

4. Allocate elective subjects to students taking different no. of elective subjects

- no longer need to use dummy subjects

Elective Subject Allocation > Allocate Elective Subjects

Generate Allocation Results

Clear

Import from File

Export

Print Preview

Filter students by Subject / Module

All

A

Compulsory block not allocated

A

Insufficient Subject / Module allocated

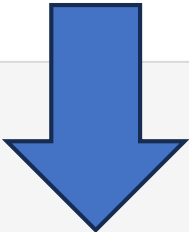
A

Subject / Module not in top priorities

Student No.	Student Name	Class	Class No.	Overall Rank	Allocation Order	No. of Electives to be Taken	No. of Electives Allocated	Block 1	Block 2	Block 3
031137	Andrew Ko	3A	1	178	178	2	2		經濟 (2)	中史 (1)
078451	Anthony Pak	3A	2	39	39	3	3	PHY (1)	經濟 (2)	旅遊 (4)
017833	Ashley Fong	3A	3	166	166	3	3	企業 (1)	ICT (2)	經濟 (3)
060810	Barbara Cheng	3A	4	73	73	2	2	PHY (1)		BIO (2)
087263	Betty Fan	3A	5	31	31	3	3	ECON (1)	BIO (2)	中史 (3)
090241	Charles Dai	3A	6	13	13	2	2	ICT (2)	BIO (1)	
082078	Christopher Law	3A	7	19	19	2	2		經濟 (2)	PHY (1)
086122	Daniel Tse	3A	8	162	162	3	3	PHY (2)	ICT (1)	BIO (3)
097370	David Hui	3A	9	176	176	3	3	視藝 (2)	經濟 (1)	旅遊 (3)
027196	Donald Chiu	3A	10	9	9	3	3	PHY (3)	CHEM (1)	經濟 (2)
050421	Donna Leung	3A	11	106	106	3	3	視藝 (3)	經濟 (1)	企業 (2)
014786	Elizabeth Lau	3A	12	172	172	3	3	ECON (4)	CHEM (1)	BIO (2)
025334	Emily Tse	3A	13	38	38	2	2		ICT (1)	經濟 (2)
051759	James Li	3A	14	1	1	3	3	ICT (1)	BIO (2)	中史 (3)
096824	Jennifer Yau	3A	15	126	126	2	2		BIO (1)	旅遊 (2)
024041	Jessica Hung	3A	16	34	34	2	2		經濟 (1)	中史 (2)
080272	John Tsang	3A	17	55	55	3	3	視藝 (1)	經濟 (2)	中史 (3)
090251	Joseph Liu	3A	18	110	110	3	3	ICT (2)	BIO (1)	旅遊 (3)
071030	Joshua Leung	3A	19	96	96	2	2	視藝 (2)	經濟 (1)	

Total no. of student(s): 200 No. of student(s) filtered: 200

Allocation Algorithm Choices: Choice 1 Elective Subject Group Distribution: Choice 1 Compulsory Block: -



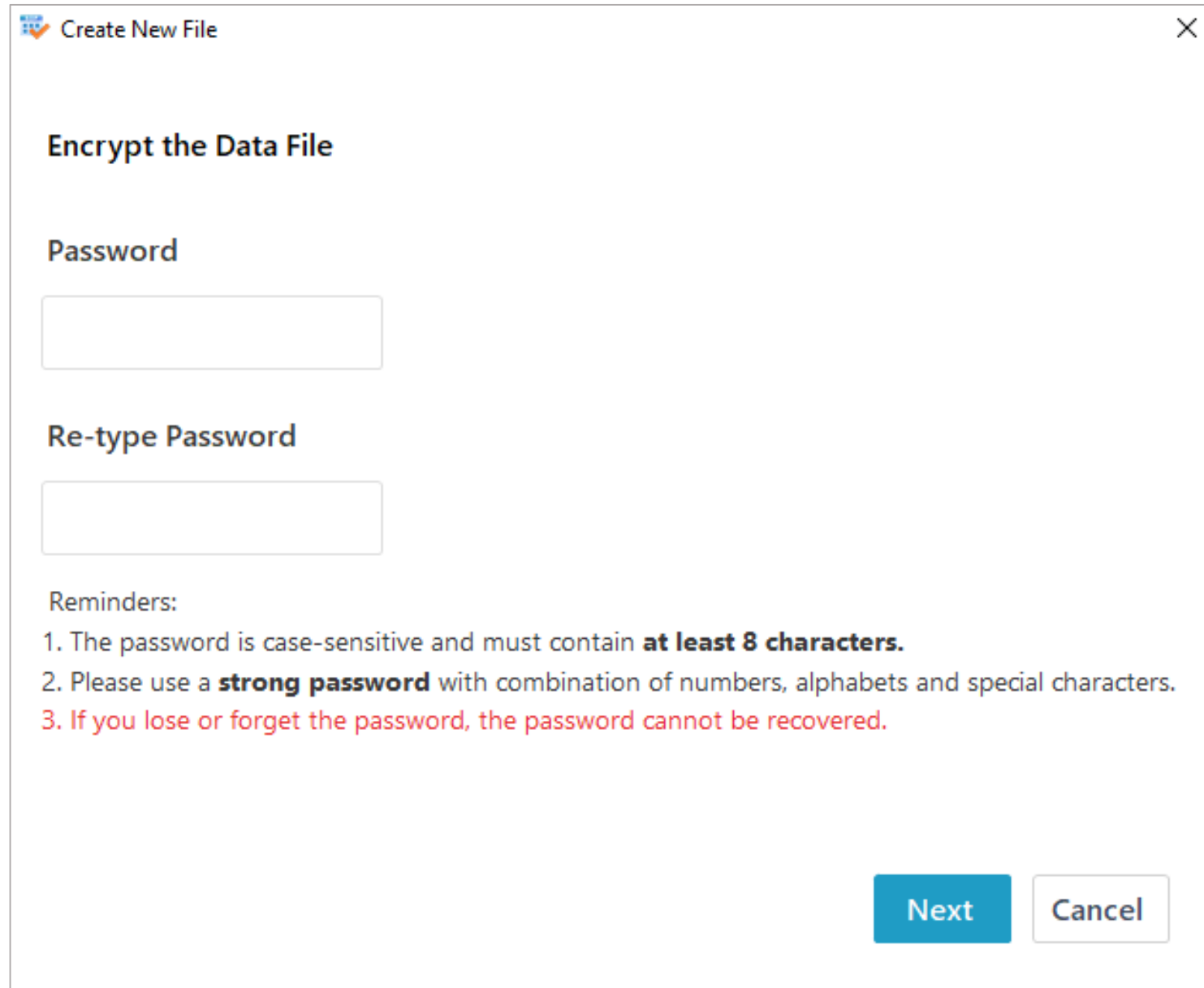
5. No merged cells in the reports exported in Excel format

- Facilitate easy data manipulation

	A	B	C	D	E	F	G	H	I	J	K
1	Report ID: RPT004		Student Option Programme							Date:04/03/2024	
	List of Student Options in Priority Order & Elective Subject Allocation							Page:1/1			
3											
4											
5	Stn No.	Name	Class	Class Number	Rank	Option 01	Option 02	Option 03	Option 04	Option 05	Option 06
6	S3A01	S3A01	3A	1	40	CHEM	BIO	GEO	ECON	歷史	中史
7	S3A02	S3A02	3A	2	14	PHY	資訊	M2	企業管理	ECON	視藝
8	S3A03	S3A03	3A	3	9	PHY	CHEM	資訊	BIO	ECON	M2
9	S3A04	S3A04	3A	4	11	CHEM	PHY	M2	資訊	BIO	ECON
10	S3A05	S3A05	3A	5	43	CHEM	BIO	PHY	M2	資訊	旅遊
11	S3A06	S3A06	3A	6	33	BIO	CHEM	ECON	M2	企業管理	PHY
12	S3A07	S3A07	3A	7	64	BIO	CHEM	資訊	GEO	PHY	ECON
13	S3A08	S3A08	3A	8	93	歷史	中史	資訊	ECON	旅遊	企業管理
14	S3A09	S3A09	3A	9	35	BIO	CHEM	GEO	ECON	旅遊	PHY
15	S3A10	S3A10	3A	10	17	歷史	中史	文學	視藝	旅遊	ECON
16	S3A11	S3A11	3A	11	23	PHY	BIO	CHEM	M2	GEO	企業管理
17	S3A12	S3A12	3A	12	16	PHY	BIO	中史	歷史	CHEM	文學
18	S3A13	S3A13	3A	13	57	BIO	視藝	中史	歷史	GEO	ECON
19	S3A14	S3A14	3A	14	58	ECON	M2	企業管理	BIO	PHY	資訊
20	S3A15	S3A15	3A	15	45	BIO	CHEM	ECON	GEO	企業管理	文學
21	S3A16	S3A16	3A	16	81	企業管理	ECON	M2	GEO	BIO	資訊
22	S3A17	S3A17	3A	17	30	PHY	資訊	M2	CHEM	ECON	企業管理
23	S3A18	S3A18	3A	18	36	CHEM	BIO	ECON	歷史	中史	旅遊

6. Data security

- Protecting the data file by user-defined password



Create New File

Encrypt the Data File

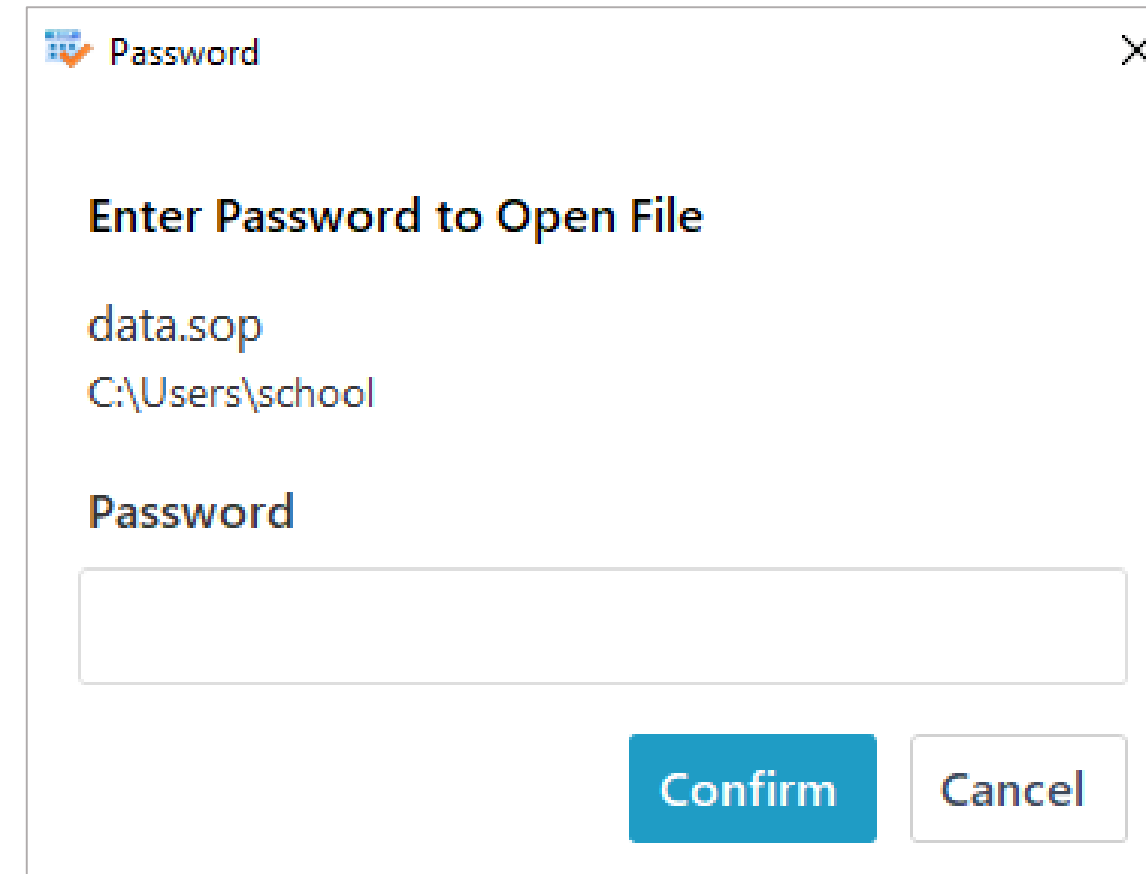
Password

Re-type Password

Reminders:

1. The password is case-sensitive and must contain **at least 8 characters**.
2. Please use a **strong password** with combination of numbers, alphabets and special characters.
3. If you lose or forget the password, the password cannot be recovered.

Next Cancel



Password

Enter Password to Open File

data.sop
C:\Users\school

Password

Confirm Cancel