An Example on Student's Pathway (as of 24 July 2017)
< Declaration of major

\begin{tabular}{|c|c|c|c|c|c|c|c|c|c|c|c|c|c|}
\hline School: \& \& \multicolumn{3}{|l|}{School of Science} \& \multicolumn{9}{|c|}{Student's Pathways (i.e. Study Pattern)} \\
\hline \multicolumn{2}{|l|}{Department:} \& \multicolumn{3}{|l|}{Department of Mathematics} \& \multicolumn{8}{|c|}{Pathway 1} \& \\
\hline Program: \& \& \multicolumn{3}{|l|}{BSC in Mathematics} \& \multicolumn{8}{|l|}{\begin{tabular}{l}
Background: HKDSE 4 Core + 1 Elec + MATH M1/M2 \\
Profile: Normative. Students to graduate with BSc MATH following Applied Mathematics Track
\end{tabular}} \& \\
\hline Course Offering Dept (course code prefix) \& Course Code \& Course Title / Courses List \& \[
\begin{array}{r}
\stackrel{0}{\omega} \\
\stackrel{\rightharpoonup}{\omega} \\
\stackrel{\rightharpoonup}{\omega} \\
\hline
\end{array}
\] \&  \&  \&  \& \begin{tabular}{l} 
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\(\stackrel{0}{0}\) \\
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0 \\
\hline 0
\end{tabular} \&  \& \[
\begin{aligned}
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\& \stackrel{\rightharpoonup}{\omega} \\
\& \omega \\
\& 0 \\
\& 0 \\
\& 0 \\
\& 0 \\
\& \hline 0
\end{aligned}
\] \& \[
\begin{aligned}
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\& \stackrel{\rightharpoonup}{\square} \\
\& \stackrel{\square}{\underline{n}}
\end{aligned}
\] \& \(\boxed{0}\)
\(\stackrel{0}{0}\)
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0 \& \[
\begin{aligned}
\& \text { en } \\
\& \stackrel{\rightharpoonup}{0} \\
\& \stackrel{\rightharpoonup}{0} \\
\& \underline{\underline{\underline{0}}}
\end{aligned}
\] \& Remarks \\
\hline \multicolumn{14}{|l|}{School Requirements} \\
\hline SCIE \& 1000 \& Science School Induction \& 0 \& \& 0 \& 0 I \& \& \& \& \& \& 0 \& \\
\hline \begin{tabular}{l} 
COMP \\
COMP \\
COMP \\
COMP \\
COMP \\
COMP \\
COMP \\
\hline
\end{tabular} \& \[
\begin{aligned}
\& 1001 \\
\& 1021 \\
\& 1022 \mathrm{P} \\
\& 1022 \mathrm{Q} \\
\& 2011
\end{aligned}
\] \& \begin{tabular}{l}
Note: COMP 1001 OR COMP 1021 OR COMP \(1022 P\) OR COMP 1022Q OR COMP 2011 \\
Exploring Multimedia and Internet Computing Introduction to Computer Science Introduction to Computing with Java Introduction to Computing with Excel VBA Introduction to Object-oriented Programming
\end{tabular} \& 3-4

3
3
3
3
4 \& \& \&  \& \& \& \& \& \& 3 \& \\
\hline LANG \& 2010 \& English for Science I \& 3 \& \& \& I 3 \& \& \& \& \& \& 3 \& \\

\hline | MATH |
| :--- |
| MATH |
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| MATH |
| MATH | \& \[

$$
\begin{array}{|l}
1012 \\
1012 \\
1014 \\
1014 \\
1020 \\
1023 \\
1024 \\
\hline
\end{array}
$$
\] \& Note: [(MATH 1012 OR MATH 1013 OR MATH 1023) AND

(MATH 1014 OR MATH 1024)] OR [MATH 1020] (Students
following IR track can only use MATH 1023 and MATH 1024
to fulfill the requirement)
Calculus IA
Calculus IB
Calculus II
Accelerated Calculus
Honors Calculus I
Honors Calculus II \& 4-7

4
3
3
4
3
3 \& @ \& 3 \&  \& \& \& \& \& \& 6 \& \\
\hline CHEM \& 1004 \& Chemistry in Everyday Life \& 3 \& \& 3 \& i \& \& \& \& \& \& 3 \& \\
\hline CHEM \& 1010 \& General Chemistry IA \& 3 \& \& \& , \& \& \& \& \& \& 0 \& \\
\hline CHEM \& 1020 \& General Chemistry IB \& 2 \& \& \& , \& \& \& \& \& \& 0 \& \\
\hline CHEM \& 1030 \& General Chemistry II \& 3 \& \& \& I \& \& \& \& \& \& 0 \& \\
\hline CHEM \& 1050 \& Laboratory for General Chemistry I \& 1 \& \& \& I \& \& \& \& \& \& 0 \& \\
\hline CHEM \& 1055 \& Laboratory for General Chemistry II \& 1 \& \& \& ' \& \& \& \& \& \& 0 \& \\
\hline LIFS \& 1030 \& Environmental Science \& 3 \& \& \& ; \& \& \& \& \& \& 0 \& \\
\hline LIFS \& 1901 \& General Biology 1 \& 3 \& \& \& 3 \& \& \& \& \& \& 3 \& \\
\hline LIFS \& 1902 \& General Biology II \& 3 \& \& \& 1 \& \& \& \& \& \& 0 \& \\
\hline LIFS \& 1903 \& Laboratory for General Biology I \& 1 \& \& \& I \& \& \& \& \& \& 0 \& \\
\hline LIFS \& 1904 \& Laboratory for General Biology II \& 1 \& \& \& ; \& \& \& \& \& \& 0 \& \\
\hline LIFS \& 1930 \& Nature of Life Sciences \& 3 \& \& \& , \& \& \& \& \& \& 0 \& \\
\hline LIFS \& 2210 \& Biochemistry I \& 3 \& \& \& ! \& \& \& \& \& \& 0 \& \\
\hline MATH \& 2023 \& Multivariable Calculus \& 4 \& \& \& I 4 \& \& \& \& \& \& 4 \& \\
\hline MATH \& 2121 \& Linear Algebra \& 4 \& \& \& [4] \& \& \& \& \& \& 0 \& \\
\hline MATH \& 2131 \& Honors in Linear and Abstract Algebra I \& 4 \& \& \& \& \& \& \& \& \& 0 \& \\
\hline PHYS \& 1001 \& Physics and the Modern Society \& 3 \& \& \& , \& \& \& \& \& \& 0 \& \\
\hline PHYS \& 1111 \& General Physics I \& 3 \& \& \& 1 \& \& \& \& \& \& 0 \& \\
\hline PHYS \& 1112 \& General Physics I with Calculus \& 3 \& \& 3 \& 1 \& \& \& \& \& \& 3 \& \\
\hline PHYS \& 1113 \& Laboratory for General Physics I \& 1 \& \& 1 \& \& \& \& \& \& \& 1 \& \\
\hline PHYS \& 1114 \& General Physics II \& 3 \& \& \& 3 : \& \& \& \& \& \& 3 \& \\
\hline PHYS \& 1115 \& Laboratory for General Physics II \& 1 \& \& \& , \& \& \& \& \& \& 0 \& \\
\hline PHYS \& 1312 \& Honors General Physics I \& 3 \& \& \& I \& \& \& \& \& \& 0 \& \\
\hline PHYS \& 1314 \& Honors General Physics II \& 3 \& \& \& 1 \& \& \& \& \& \& 0 \& \\
\hline \multicolumn{3}{|r|}{Required credits for School / Major Pre-requisite Requirements} \& \& \& \& ' \& \& \& \& \& \& 29 \& \\
\hline
\end{tabular}

## Major Requirements


(Course that student need to complete before enrolling into respective majorprograms.
() indicates the reuse of the same course to fulfill more than one requirement.
\{\} indicates the course overlapping with another requirement will not be necessarily counted towards the School Requirements.
\# To graduate, students should complete at least 120 credits in approved courses. They may need to take courses additional to the required and elective courses as specified above to meet this minimum credit requirement.
$\gg$ The content of this example is not necessarily equivalent to a complete list of graduation requirements of the program. Students should refer to the Program Catalog/UG Curriculum Handbook for updated graduation requirements. For up-to-date information on course offering and scheduling students should check it out trom respective School and Department

@ Course that students need to complete before enrolling into respective major/programs.
1<< Declaration of major
() indicates the reuse of the same course to fuffill more than one requirement.
(\} indicates the course overlapping with another requirement will not be necessarily counted towards the School Requirements.
$>$ The content of this example is not necessarily equivalent to a complete list of graduation requirements of the program. Students should refer to the Program Catalog/UG Curriculum Handbook for updated graduation requirements. For up-to-date information on course offering and

