

The Hong Kong University of Science and Technology Student Information System Reference Materials

Sample Advisement Report 4-Year SENG Students

Version: 1.02

Created in September 2012

Maintained by: SIS Helpdesk, ARO

File: SIS website (https://registry.hkust.edu.hk/sis)



Abstract

This is a sample Advisement report of a Year 1 / Year 2 student in School of Engineering (SENG). Data in different sections is made up from different sample students and hence they will not tally with each other. Should students have any query about their own Advisement Report, they should contact their academic advisors or School coordinators. You may also send your questions to SIS Helpdesk at sishelp@ust.hk. The document is organized by the Requirement Groups as follow:

Contents

University Total Credit Requirement (4Y)	4
University Common Core Requirement (4Y)	5
Area A: English Communication	5
Area B: Chinese Communication	6
Area C: Quantitative Reasoning (QR)	6
Area D: Science and Technology (S&T)	8
Area E: Social Analysis (SA)	10
Area F: Humanities (H)	10
Area G: Core Elective (Arts / H / QR / SA / S&T)	11
Area H: Healthy Lifestyle	12
University English Requirement (4Y)	13
University English Requirement	13
SENG Engineering Fundamental (4Y) * For Advisement Only *	15
CENG / CBME / CEEV Engineering fundamental Course	16
CIVL / CIEV Engineering Fundamental Course	17
CPEG Engineering Fundamental Course	17
COMP Engineering Fundamental Course	18
ELEC Engineering Fundamental Course	18
IEEM / IELM Engineering Fundamental Course	19
MECH Engineering Fundamental Course	19
COSC Engineering Fundamental Course	20
Major in Mechanical Engineering (BEng) (4Y)	21
MECH Engineering Fundamental Course	21
MECH Required Course	22
Major in Chemical Engineering / Chemical and Biomolecular Engineering / Chemical and Environmental Engineering (BEng) * For Advisement Only *	23



Change Log

Date	Version	Author	Changes
19 th Oct. 2012	1.00	Tony C. Lau	The document was initially launched
26 th Oct. 2012	1.01	Tony C. Lau	Editorial changes
12 th Feb 2014	1.02	Tony C. Lau	 Replaced the example in Common Core Area C and further elaborated the example in Common Core Area G Include "Course Typically Offered" and new updates in 2013
			Examples for Year 2 students
			Examples for students with local sub-degree
			 Refer to UCE website for latest common core course list



University Total Credit Requirement (4Y)

This student enrolled 18 credit units in the first term of study. These enrolled courses will be used to fulfill the academic requirements as much as eligible.

University Total Credit Requirement (4Y)

Not Satisfied: This advisement report is only a reference on student's study progress. It should not be used as an indicator for graduation purpose. To select the appropriate courses in order to graduate, student should read and use this Report along with the appropriate Curriculum Handbook and also seek advice from the advisor or Program Coordinator.

A guide on interpreting the Report is available at ARRO website: (http://arr.ust.hk/guide-adv-std). Student is strongly advised to read the guidelines before proceeding to the Report.

 \triangle

Courses Enrolled (including transfer credits)

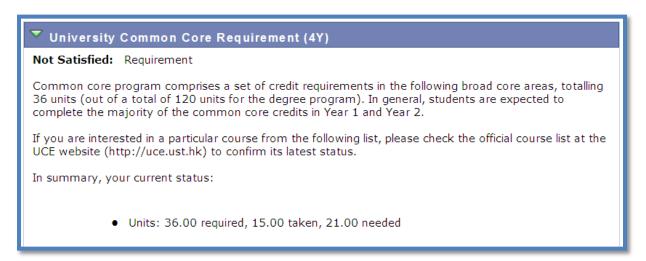
Not Satisfied: Students need to earn at least 120 credits.

- Units: 120.00 required, 18.00 taken, 102.00 needed
- Course Used (including transfer credits)
- Dother Courses (including transfer credits)



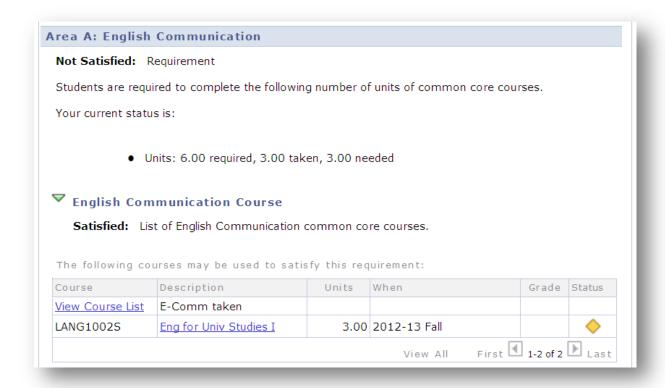
University Common Core Requirement (4Y)

It is not uncommon that most of the courses enrolled in the first term of study will be used to fulfill the University Common Core Requirements.



Area A: English Communication

The 6 credit units of English Communication will usually be fulfilled by LANG1002A/S (in Fall term) and LANG1003 (in Spring term).





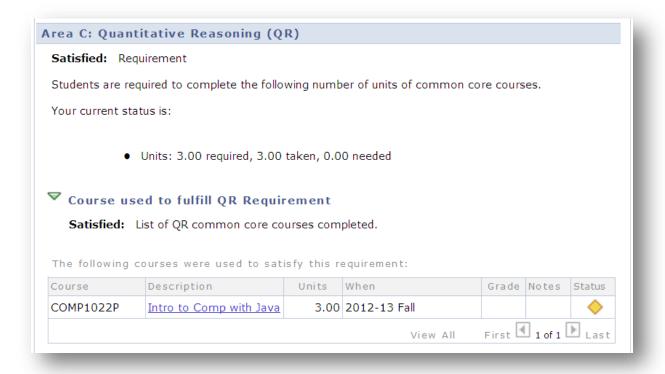
Area B: Chinese Communication

It is required to select 3 credit units (usually a course) of Chinese Communication from the Common Core course list to fulfill this requirement.



Area C: Quantitative Reasoning (QR)

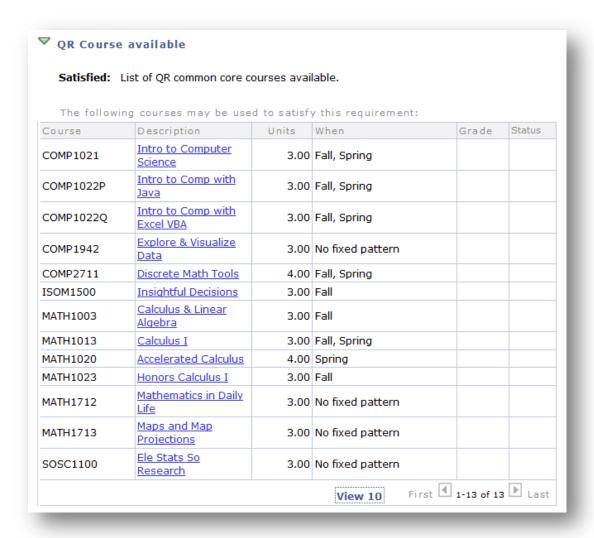
For this student, the 3 credit units of Quantitative Reasoning requirement is fulfilled by COMP1002P taken in 2012-13 Fall term, Year 1.



In other cases, for students with local sub-degree qualification (and 9 block transfer credits on common core granted), transfer credits to specific HKUST equivalent courses (e.g. COMP 1022P, MATH 1013) cannot be used to fulfill the University Common Core requirements. Students in such



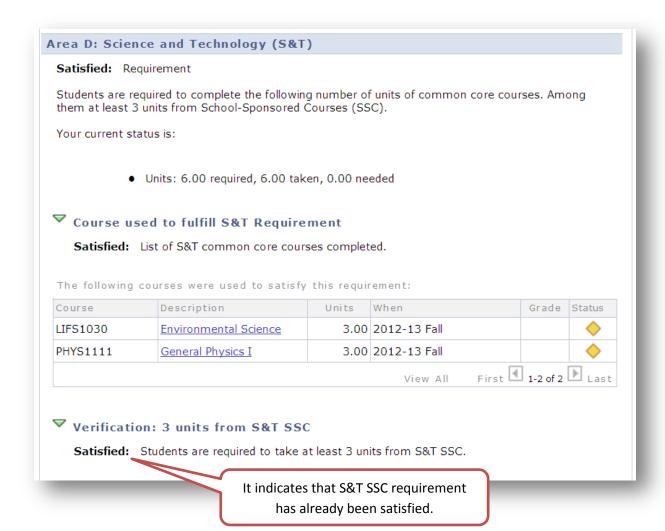
case shall select other courses on the list (e.g. COMP 1942 / 2711, ISOM 1500, MATH 1712 / 1713, SOSC 1100) as appropriate to fulfill the requirement.





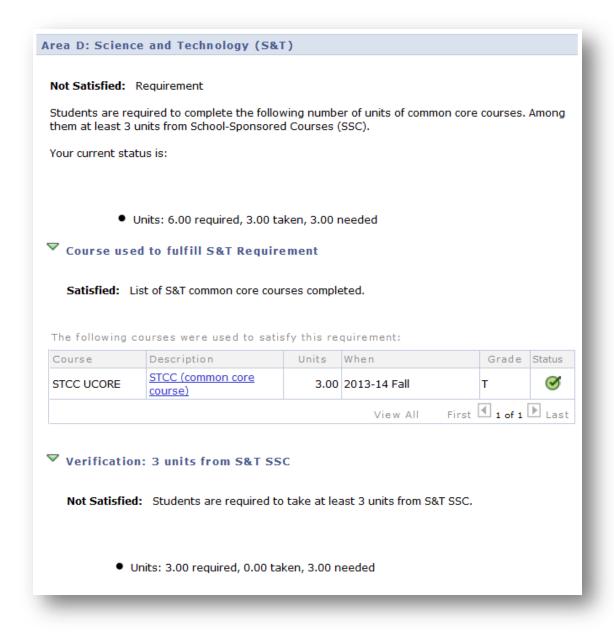
Area D: Science and Technology (S&T)

The system will automatically try to match the enrolled courses to the requirements. In this case, LIFS1030 is in the S&T SSC course list, hence the 3 credit units S&T SSC requirement is satisfied. In addition, PHYS1111 is also selected to fulfill S&T requirement.





In other cases for students (admitted per local sub-degree / HKALE / IB / GCE-AL) with block transfer credits granted (e.g. STCC UCORE), those credits will be used to fulfill the respective University Common Core requirements as appropriate. The student in the following example shall then select a course (3 credit units) from the S&T SCC available course list (refer to http://uce.ust.hk) to satisfy the requirement.





Area E: Social Analysis (SA)

Area E: Social Analysis (SA)

Not Satisfied: Requirement

Students are required to complete the following number of units of common core courses. Among them at least 3 units from School-Sponsored Courses (SSC).

Your current status is:

Units: 6.00 required, 0.00 taken, 6.00 needed

Course used to fulfill SA Requirement

It indicates that SA SSC requirement has NOT been satisfied.

▼ Verification: 3 units from SA SSC

Not Satisfied: Students are required to take at least 3 units from SA SSC.

• Units: 3.00 required, 0.00 taken, 3.00 needed

Area F: Humanities (H)

Area F: Humanities (H)

Not Satisfied: Requirement

Students are required to complete the following number of units of common core courses. Among them at least 3 units from School-Sponsored Courses (SSC).

Your current status is:

• Units: 6.00 required, 0.00 taken, 6.00 needed

Course used to fulfill H Requirement

▼ Verification: 3 units from H SSC

Not Satisfied: Students are required to take at least 3 units from H SSC.

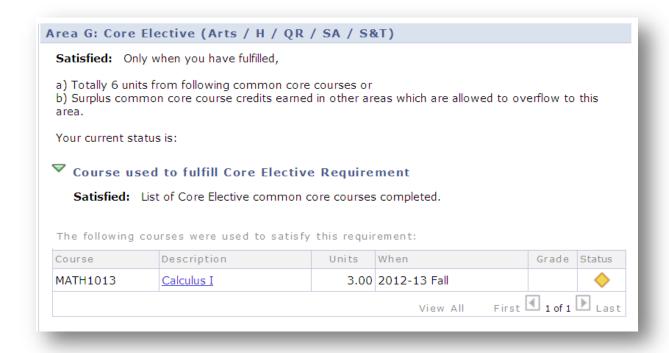
• Units: 3.00 required, 0.00 taken, 3.00 needed



Area G: Core Elective (Arts / H / QR / SA / S&T)

Enrolled common core courses (other than Arts) will be used to fulfill specific requirements in other areas first. After those requirements are satisfied, excess credit units enrolled (taken) will be used to fulfill the Core Elective requirement.

In this example, MATH1013 taken is in the QR course list; however Area C: QR requirement has already been fulfilled by COMP1022P and hence MATH1013 is used to fulfill Area G: Core Elective requirement here.





Area H: Healthy Lifestyle

HLTH 1010 is a required course for the first year of study. Students are required to fulfill the detailed course requirements in BOTH Fall and Spring term. For further details, please refer to Student Affairs Office (SAO).





University English Requirement (4Y)

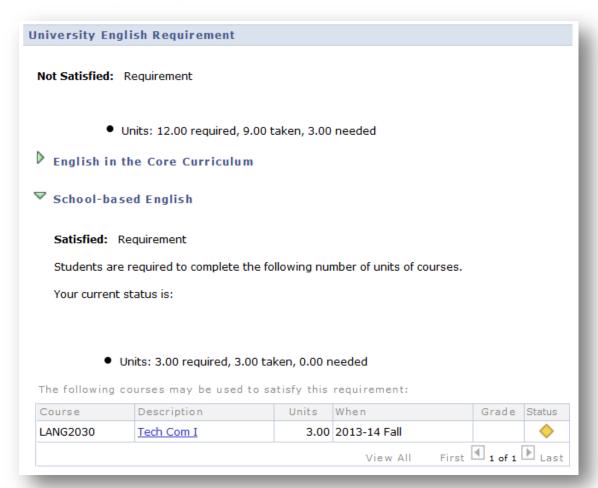
University English Requirement (4Y)

Not Satisfied: Requirement

Students are expected to complete 12 credits in English language, six credits through required English courses in the University Common Core, and another six through courses approved for the English language requirement.

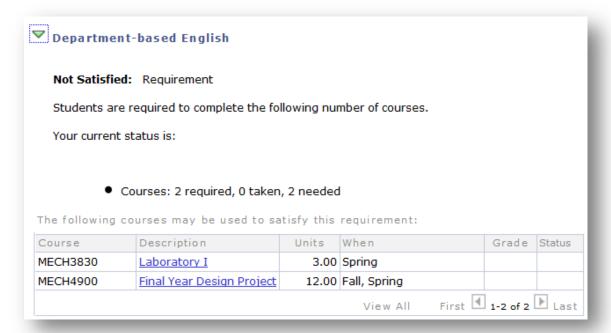
If you are interested in a particular course from the following list, please check the official course list at Center for Language Education website (http://lc.ust.hk) to confirm its latest status.

University English Requirement





Upon major declaration, the respective required course list will be displayed; in this case the student declares major in Mechanical Engineering and hence it is required to complete MECH 3830 and MECH 4900 to satisfy the Department-based English requirements.





SENG Engineering Fundamental (4Y) * For Advisement Only *

There are different fundamental courses designed for different major programs in School of Engineering. This requirement group is to illustrate these fundamental courses to the students before they declare the major programs. Students are NOT required to fulfill requirements under all major programs stipulated in this requirement group.

SENG Engineering Fundamental (4Y) * For Advisement Only *

Not Satisfied:

Students are advised to take the following Engineering Fundamental Courses to enable them to sample introductory courses for majors in which they are interested, to lay a foundation for a broad range of possible majors, and to complete requirements for the major they eventually select. A matrix showing the overlap of Engineering Fundamentals and major requirements is provided in the School's website.

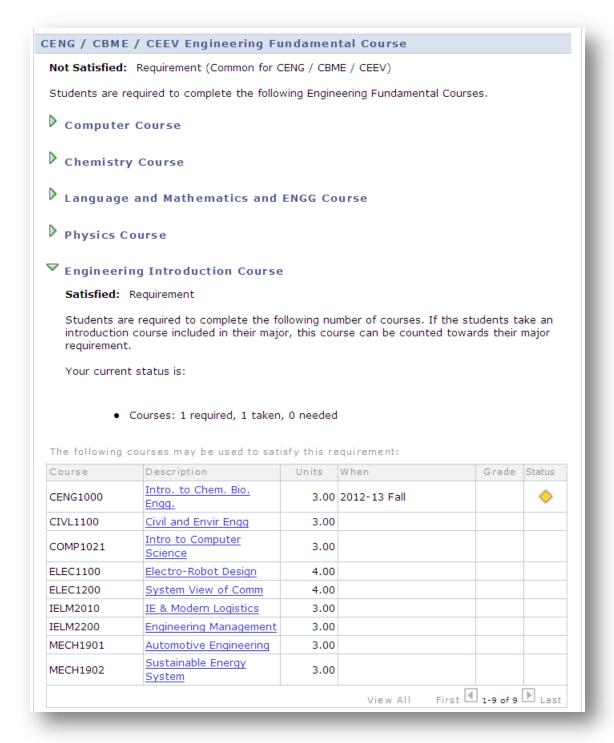
Students may reuse up to 6 credits of courses to count towards both their major requirements and University Common Core Requirements. Students completing majors in CBME, CEEV, CIVL, CIEV and CPEG are allowed to reuse a maximum of 9 credits to count towards both their major requirements and University Common Core Requirements.



CENG / CBME / CEEV Engineering fundamental Course

Programs with the same Engineering Fundamental courses are grouped under the same requirement for easy reference, e.g. CENG, CBME & CEEV programs.

Engineering students normally take at least 1 Engineering Introduction Course in their first year of study.





CIVL / CIEV Engineering Fundamental Course

Not Satisfied: Requirement (Common for CIVL / CIEV) Students are required to complete the following Engineering Fundamental Courses. Computer Course Chemistry Course Language and Mathematics and ENGG Course Physics Course

CPEG Engineering Fundamental Course

There are two sets of Physics courses (i.e. Physics I and Physics II); and students need to take one Physics course from each set.

Not Satisfied: Requirement (CPEG) Students are required to complete the following Engineering Fundamental Courses. Computer Course Electronic & Comp Engineering / Mathematics Course Language and Mathematics and ENGG Course Physics Course Physics Course Engineering Introduction Course

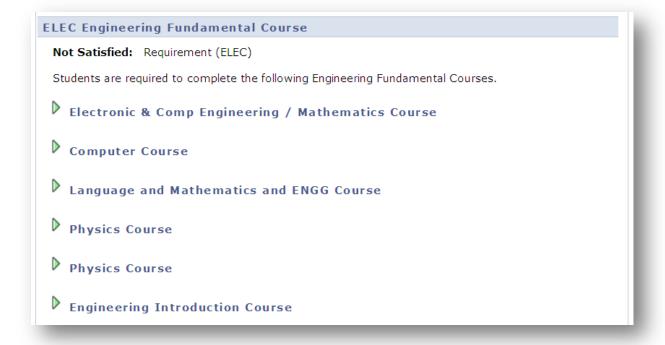


COMP Engineering Fundamental Course

Not Satisfied: Requirement (COMP) Students are required to complete the following Engineering Fundamental Courses. Computer Course Chemistry / Physics Course Language and Mathematics and ENGG Course Engineering Introduction Course

ELEC Engineering Fundamental Course

There are two sets of Physics courses (i.e. Physics I and Physics II); and students need to take one Physics course from each set.





IEEM / IELM Engineering Fundamental Course

IEEM / IELM Engineering Fundamental Course Not Satisfied: Requirement (Common for IEEM / IELM) Students are required to complete the following Engineering Fundamental Courses. Computer Course Chemistry I / Physics II Course Language and Mathematics and ENGG Course Physics I Course Engineering Introduction Course

MECH Engineering Fundamental Course

```
MECH Engineering Fundamental Course

Not Satisfied: Requirement (MECH)

Students are required to complete the following Engineering Fundamental Courses.

Computer Course

Language and Mathematics and ENGG Course

Physics Course

1000-level Science Course
```



COSC Engineering Fundamental Course

COSC Engineering Fundamental Course

Not Satisfied: Requirement (COSC)

Students are required to complete the following Engineering Fundamental Courses.

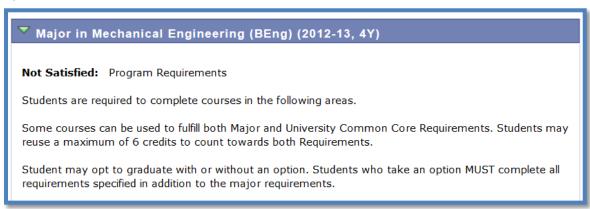
Computer Course

Language and Mathematics and ENGG Course

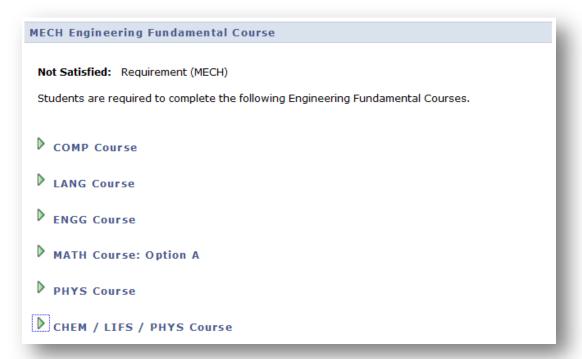


Major in Mechanical Engineering (BEng) (4Y)

Upon major declaration, the corresponding Major Requirements will be shown in the advisement report.



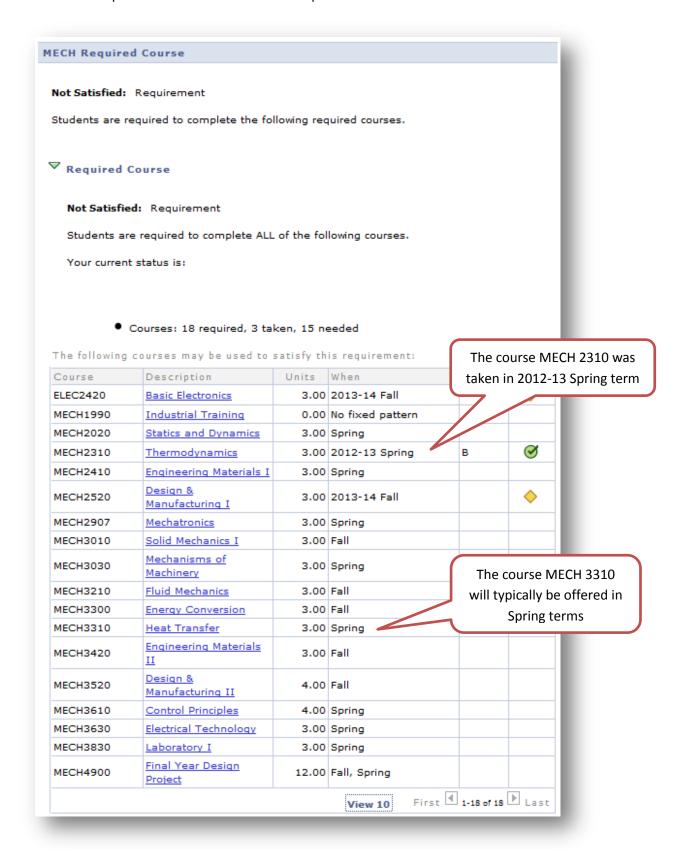
MECH Engineering Fundamental Course





MECH Required Course

Other MECH required courses are listed in the requirement below.





Major in Chemical Engineering / Chemical and Biomolecular Engineering / Chemical and Environmental Engineering (BEng) * For Advisement Only *

In some cases, students only choose the discipline department in Year 2 (in this example Chemical Engineering Department) but have not yet chosen the Major Program. The advisement reports will then show all relevant Major Requirements (in this case, for 3 major programs) for student's reference.

University Total Credit Requirement (4Y)

University Common Core Requirement (4Y)

University English Requirement (4Y)

Major in Chemical Engineering (BEng) * For Advisement Only *

Major in Chemical and Biomolecular Engineering (BEng) * For Advisement Only *

Major in Chemical and Environmental Engineering (BEng) * For Advisement Only *

Please note that in this case, deviation / exception records may only be posted AFTER a final major program is chosen.

After the final major program is chosen, the other irrelevant Major Requirements will be removed accordingly.