

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

## Sample Advisement Report 4-Year SSCI Students

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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 Science. Should students have any query about their own Advisement Report, they should contact your academic advisors or School coordinators. You may also send your questions to SIS Helpdesk at <a href="mailto:sishelp@ust.hk">sishelp@ust.hk</a>. The document is organized by the Requirement Groups as follow.

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#### **Change Log**

Date	Version	Author	Changes
19 <sup>th</sup> Oct 2012	1.00	Tony C. Lau	The document was initially launched
26 <sup>th</sup> Oct 2012	1.01	Tony C. Lau	Editorial changes
27 <sup>th</sup> Jan 2014	1.02	Tony C. Lau	<ul> <li>Further elaborate the examples in Common Core Area G and Science Foundation Course</li> <li>Include examples of a CHEM major</li> </ul>
12 <sup>th</sup> Feb 2014	1.03	Tony C. Lau	<ul> <li>University English Requirement</li> <li>Refer to UCE website for latest common core course list</li> </ul>



#### **University Total Credit Requirement (4Y)**

This student enrolled 16 credits /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.

Courses Enrolled (including transfer credits)

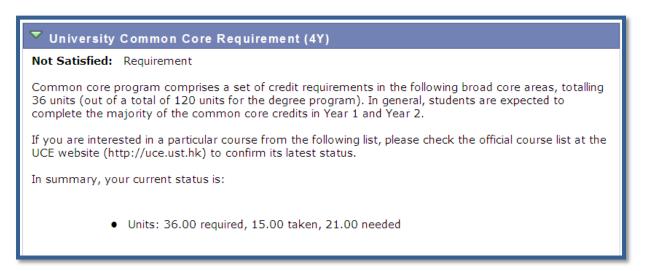
Not Satisfied: Students need to earn at least 120 credits.

- Units: 120.00 required, 16.00 taken, 104.00 needed
- Course Used (including transfer credits)
- Other Courses (including transfer credits)



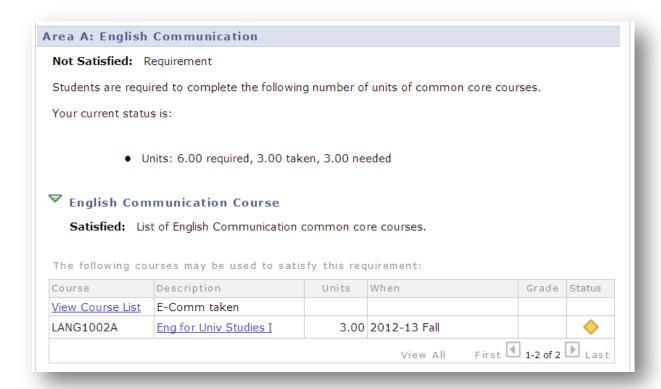
#### **University Common Core Requirement (4Y)**

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



#### **Area A: English Communication**

The 6 credits / units of English Communication will usually be fulfilled by LANG 1002A/S (in Fall term) and LANG 1003 (in Spring term).





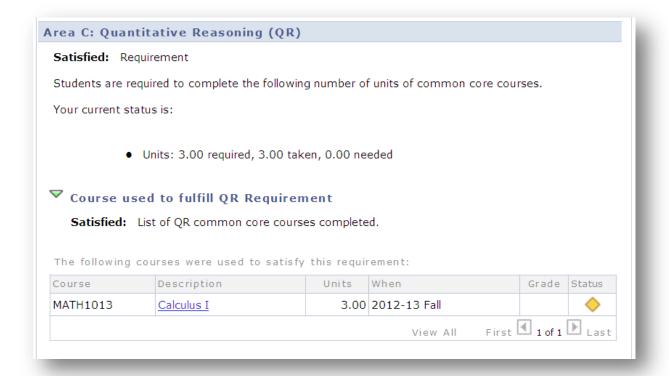
#### **Area B: Chinese Communication**

It is required to select 3 credits / units (usually a course) of Chinese Communication from the Common Core course list (refer to <a href="http://uce.ust.hk">http://uce.ust.hk</a>) to fulfill this requirement.



#### **Area C: Quantitative Reasoning (QR)**

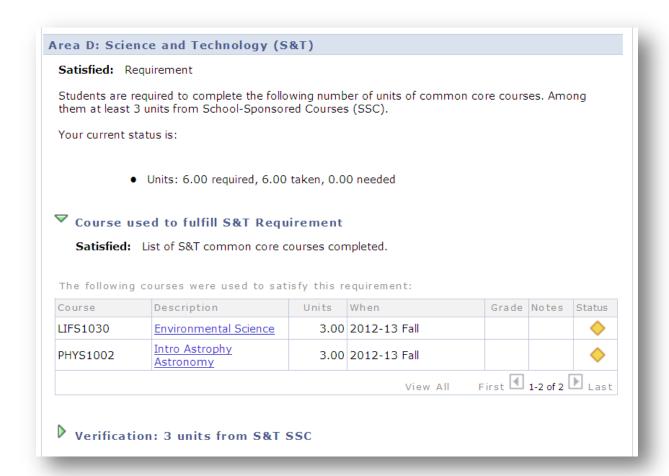
In this example, the requirement on 3 credits / units of Quantitative Reasoning is fulfilled by MATH1013 taken in Year 1.





#### **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 credits / units S&T SSC requirement has been satisfied. Since the S&T requirements have been fully satisfied, any further studies in S&T common core courses (refer to <a href="http://uce.ust.hk">http://uce.ust.hk</a>) will be considered to fulfill the Area G: Core Elective requirements.





#### **Area E: Social Analysis (SA)**

In this example, the student has not taken any SA courses which can be used to fulfill the SA requirements. The student needs to take 3 credits / units of SA SSC course list and 3 credits / units of courses from SA course list (refer to <a href="http://uce.ust.hk">http://uce.ust.hk</a>).

#### 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

▼ 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.

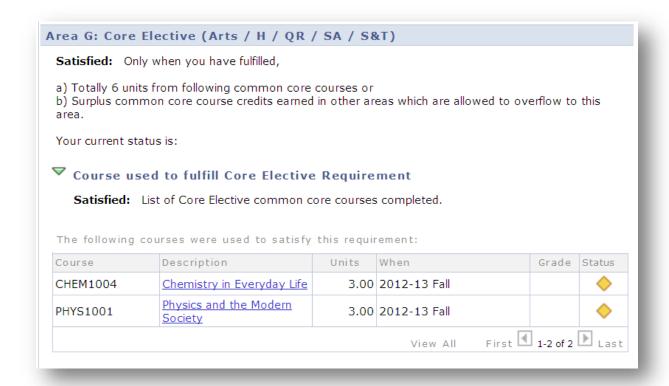
• Units: 3.00 required, 0.00 taken, 3.00 needed



#### 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 credits / units enrolled (taken) will be used to fulfill the Core Elective requirement.

In this example, both CHEM1004 and PHYS1001 are S&T courses in excess and hence used here to fulfill the Core Elective requirement.





#### **Area H: Healthy Lifestyle**

HLTH 1010 is a required course in 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

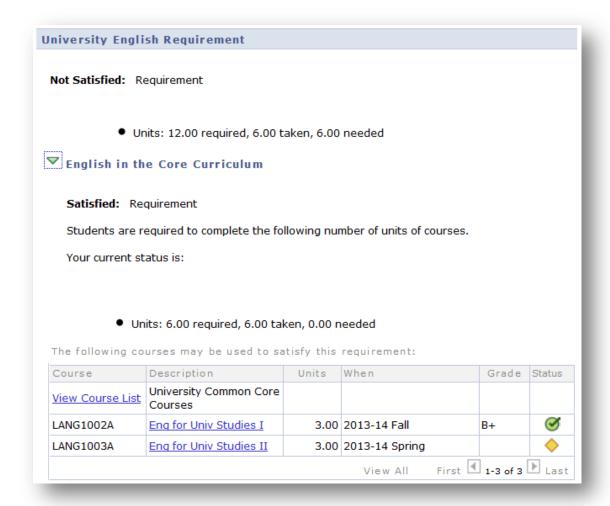
Students are expected to complete 12 credits in English language, six credits through required English courses in the University Common Core, and another six through courses approved for the English language requirement.

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**

Students shall complete 12 credits in English language in the following categories.

- English in the Core Curriculum (6 credits): LANG1002, LANG1003
- School-based English (3 credits): LANG2010
- Department-based English (3 credits): LANG3010 / LANG3011





#### ▼ School-based English

Not Satisfied: Requirement

Students are required to complete the following number of units of courses.

Your current status is:

Units: 3.00 required, 0.00 taken, 3.00 needed

The following courses may be used to satisfy this requirement:

Course	Description	Units	When		Grade	Status
LANG2010	Eng for Sci I	3.00	Fall, Spring			
LANG2010H	Eng for Sci I	3.00	Fall, Spring			
		View All	First 4	1-2 of 2	▶ Last	

#### Department-based English

Not Satisfied: Requirement

Students are required to complete the following number of units of courses.

Your current status is:

Units: 3.00 required, 0.00 taken, 3.00 needed

Course	Description	When	Grade	Status
LANG3010	View Course Details			
LANG3011	View Course Details			
	View All First	1-2 of 2	Last	



#### **SSCI School Requirement (4Y)**

#### SSCI School Requirement (4Y)

Not Satisfied: Requirement

In addition to the requirements of their major programs, students are required to complete the School Requirements as shown below.

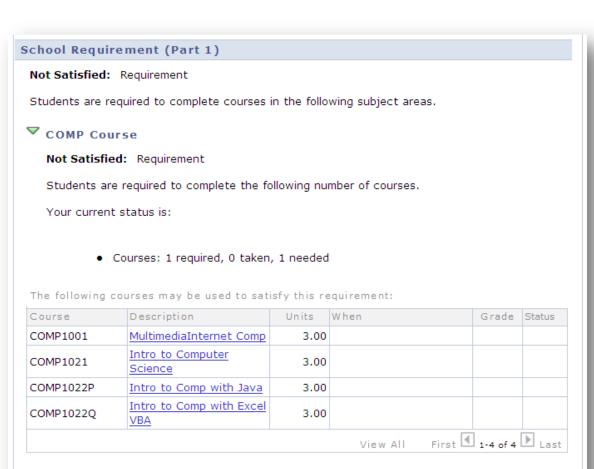
Some courses can be used to fulfill both School Requirements and University Common Core Requirements. Students may reuse a maximum of 6 credits of these courses to count towards both Requirements.

Some foundation courses listed below are also requirements of SSCI majors. These courses may also be used to fulfill Major Requirements, in addition to School Requirements. Students may consult the School for details and academic advice.



#### **School Requirement (Part 1)**

For some future courses not yet offered (in this example, LANG 2010), the link to the course details is not available yet.





Not Satisfied: Requirement

Students are required to complete the following number of courses.

Your current status is:

• Courses: 1 required, 0 taken, 1 needed

Course	Description	When	Grade	Status
LANG2010	View Course Details			
		View All First	1 of 1	Last



#### School Requirement (Part 2) - Science Foundation Course

There are multiple conditions to fulfill this requirement. Under each discipline of the foundation lecture course, the system will check whether at least one lecture course has been taken. In the following example, the student has taken one CHEM course from the list.

#### School Requirement (Part 2) - Science Foundation Course

Not Satisfied: Requirement

Students are required to complete:

(a) 7 foundation lecture courses, including at least 1 lecture course, but no more than 3 lecture courses, from each discipline: CHEM, LIFS, MATH and PHYS; and

(b) 1 laboratory course.

Your current status is:

· Courses: 8 required, 2 taken, 6 needed



#### Foundation Lecture Course - CHEM

Satisfied: Requirement

Students are required to complete at least ONE but no more than THREE of the following courses.

Your current status is:

· Courses: 1 required, 1 taken, 0 needed

The following courses may be used to satisfy this requirement:

Course	Description	Units	When		Grade	Status
CHEM1004	Chemistry in Everyday Life	3.00	2012-13 Fall			<b>\rightarrow</b>
CHEM1010	General Chemistry IA	3.00				
CHEM1020	General Chemistry IB	2.00				
CHEM1030	View Course Details					
			View All	First 🖪	1-4 of 4	<b>▶</b> Last

For some further course not yet offered at the moment (in this example, CHEM1030), the course details are not yet available in the system.



The student needs to take at least one LIFS course from the list below.

#### **▼** Foundation Lecture Course - LIFS

Not Satisfied: Requirement

Students are required to complete at least ONE but no more than TWO of the following courses.

Your current status is:

• Courses: 1 required, 0 taken, 1 needed

		View All	First 🖪	1-2 of 2	▶ Last	
LIFS1902	General Biology II	3.00				
LIFS1901	General Biology I	3.00				
Course	Description	Units	When		Grade	Status



In the following example, the student has already taken one PHYS course from the list. More courses (up to 3) can be taken to fulfill the overall 7 lecture courses requirement.



▼ Foundation Lecture Course - PHYS

Satisfied: Requirement

Students are required to complete at least ONE but no more than THREE of the following courses.

Your current status is:

• Courses: 1 required, 1 taken, 0 needed

The following courses may be used to satisfy this requirement:

Description	Units	When	Grade	Status
Physics and the Modern Society	3.00	2012-13 Fall		<b>\limits</b>
General Physics I	3.00			
Gen Phys I Calculus	3.00			
View Course Details				
Accelerated General Physics I	2.00			
Acc Gen Phys I Calculus	2.00			
View Course Details				
	Physics and the Modern Society  General Physics I  Gen Phys I Calculus  View Course Details  Accelerated General Physics I  Acc Gen Phys I Calculus	Physics and the Modern Society         3.00           General Physics I         3.00           Gen Phys I Calculus         3.00           View Course Details         2.00           Accelerated General Physics I         2.00           Acc Gen Phys I Calculus         2.00	Physics and the Modern Society         3.00         2012-13 Fall           General Physics I Gen Phys I Calculus         3.00           View Course Details         3.00           Accelerated General Physics I Acc Gen Phys I Calculus         2.00           Acc Gen Phys I Calculus         2.00	Physics and the Modern Society         3.00         2012-13 Fall           General Physics I Gen Phys I Calculus         3.00           View Course Details         2.00           Accelerated General Physics I Acc Gen Phys I Calculus         2.00

Laboratory Course



### SSCI Major Pre-requisite / IPO Fundamental Course (4Y) \* For Advisement Only \*

There are different pre-requisite courses designed for different major programs in School of Science, and a set of fundamental courses designed for programs in Interdisciplinary Programs Office (IPO). This requirement group is designed to capture these pre-requisite and fundamental courses and make available to the students before they declare the major program. Students may make reference to this requirement group to study towards the respective major program they want.

Students are NOT required to fulfill all requirements listed in this requirement group, but are required to satisfy the respective pre-requisite requirements before they declare the respective major program.

This requirement group will be replaced by the specific major requirements after a major is declared by individual students (usually in the second year).

 $^{'}$  SSCI Major Pre-requisite / IPO Fundamental Course (4Y)  $^{*}$  For Advisement Only  $^{*}$ 

#### Not Satisfied:

The following requirements are for advisement purpose only.



#### **ENVS Major Pre-requisite Course**

#### **ENVS Major Pre-requisite Course**

Not Satisfied: Requirement (ENVS)

Students MUST take the following courses prior to enrollment into the major. Students may opt for:

Option A: LIFS 1901 and LIFS 1902 (Students w/ HKDSE 1x Biology are exempted for taking LIFS 1901)

Option B: MATH 1013 and MATH 1014

#### ▼ Option A: LIFS 1901 & LIFS 1902

Not Satisfied: Requirement

Students are required to complete ALL of the following courses. Students with HKDSE 1x Biology are exempted from taking LIFS 1901.

Your current status is:

• Courses: 2 required, 0 taken, 2 needed

The following courses may be used to satisfy this requirement:

Course	Description	Units	When		Grade	Status
LIFS1901	General Biology I	3.00				
LIFS1902	General Biology II	3.00				
	View All	First 🖪	1-2 of 2	Last		

#### Option B: MATH 1013 and MATH 1014

Not Satisfied: Requirement

Students are required to complete ALL of the following courses.

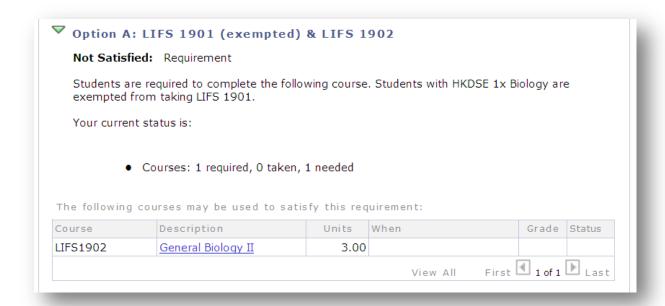
Your current status is:

• Courses: 2 required, 0 taken, 2 needed

Course	Description	Units	When		Grade	Status
MATH1013	Calculus I	3.00				
MATH1014	Calculus II	3.00				
View All					] 1-2 of 2	▶ Last



For students with HKDSE 1 x Biology, they will see an additional requirement line as below which indicates that only LIFS1902 is required if option A is chosen.



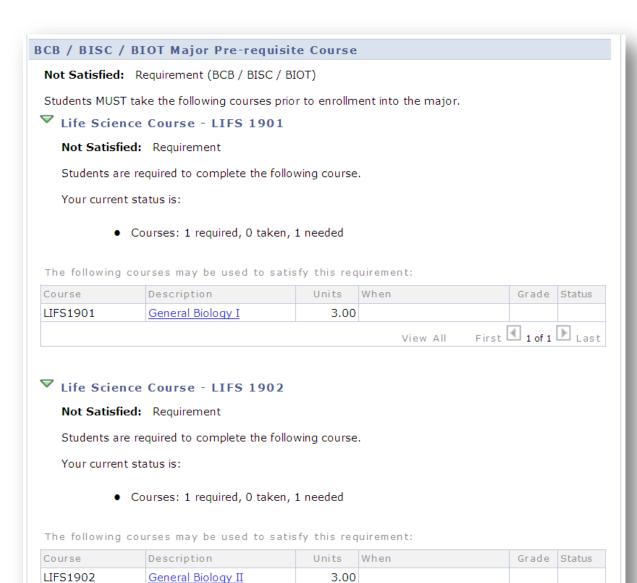
First 1 of 1 Last

View All



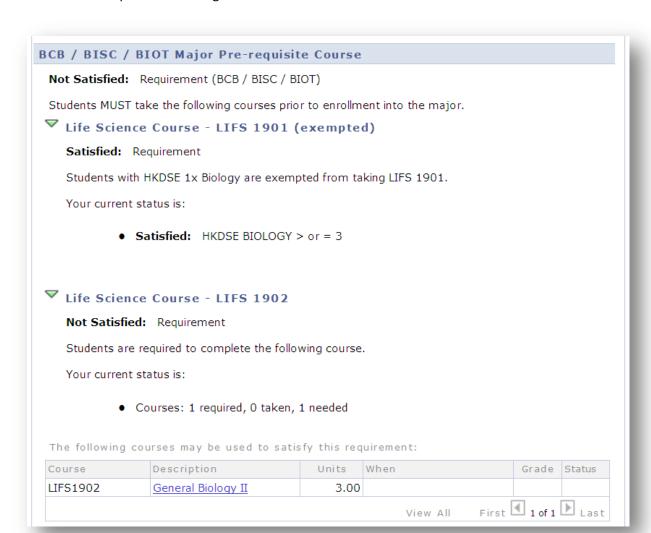
#### BCB / BISC / BIOT Major Pre-requisite Course

Programs with the same major pre-requisite requirements are grouped under the same requirement, e.g. BCB, BISC & BIOT programs.





Students with HKDSE 1 x Biology will see a slightly different requirement as below. In such case, students are exempted from taking LIFS1901.





#### **CHEM Major Pre-requisite Course**

#### CHEM Major Pre-requisite Course

Not Satisfied: Requirement (CHEM)

Students MUST take the following courses prior to enrollment into the major.

#### **▽** Chemistry Course I

Not Satisfied: Requirement

Students are required to complete the following number of courses.

Your current status is:

• Courses: 1 required, 0 taken, 1 needed

The following courses may be used to satisfy this requirement:

Course	Description	Units	When	Grade Sta	atus
CHEM1010	General Chemistry IA	3.00			
CHEM1020	General Chemistry IB	2.00			
			View All	First 1-2 of 2	Last

#### **▽** Chemistry Course II

Not Satisfied: Requirement

Students are required to complete ALL of the following courses.

Your current status is:

· Courses: 1 required, 0 taken, 1 needed

Course	Description	When		Grade	Status
CHEM1030	View Course Details				
		View All	First	1 of 1	Last



#### MATH / MAEC Major Pre-requisite Course

#### MATH / MAEC Major Pre-requisite Course

Not Satisfied: Requirement (MATH / MAEC)

Students MUST take the following courses prior to enrollment into the major. Students may opt for:

Option A: (MATH 1013 / MATH 1023) and (MATH 1014 / MATH 1024)

Option B: MATH 1020

Option A (Part 1): MATH 1013 OR MATH 1023

♥ Option A (Part 2): MATH 1014 OR MATH 1024

Not Satisfied: Requirement

Students are required to complete the following number of courses.

Your current status is:

• Courses: 1 required, 0 taken, 1 needed

The following courses may be used to satisfy this requirement:

Course	Description	Units	When	Grade	Status
MATH1014	Calculus II	3.00			
MATH1024	Honors Calculus II	3.00			
View All First 1-2 of 2 La					

#### ♥ Option B: MATH 1020

Not Satisfied: Requirement

Students are required to complete the following number of courses.

Your current status is:

· Courses: 1 required, 0 taken, 1 needed

Course	Description	Units	When	Grade	Status
MATH1020	Accelerated Calculus	4.00			
			View All	First 🗖 1 of 1	▶ <sub>Last</sub>



#### **PHYS Major Pre-requisite Course**

#### PHYS Major Pre-requisite Course

Not Satisfied: Requirement (PHYS)

Students are required to complete pre-requisite courses prior to enrollment into the major.

**▼** Physics Course I

Satisfied: Requirement

Students are required to complete the following number of courses.

Your current status is:

· Courses: 1 required, 1 taken, 0 needed

The following courses may be used to satisfy this requirement:

Course	Description	Units	When		Grade	Status
PHYS1111	General Physics I	3.00				
PHYS1112	Gen Phys I Calculus	3.00	2012-13 Fall			<b>\rightarrow</b>
PHYS1151	Accelerated General Physics I	2.00				
PHYS1152	Acc Gen Phys I Calculus	2.00				
			View All	First 4	1-4 of 4	▶ Last

#### **▼** Physics Course II

Not Satisfied: Requirement

Students are required to complete the following number of courses.

Your current status is:

• Courses: 1 required, 0 taken, 1 needed

Course	Description	When	Grade	Status
PHYS1114	View Course Details			
PHYS1154	View Course Details			
		View All Fi	rst 1-2 of 2	Last



#### **IPO - EVMT Fundamental Course**

#### IPO - EVMT Fundamental Course

Not Satisfied: Requirement (EVMT)

Students are required to complete the following fundamental courses.

**▽** COMP and ISOM Course

Not Satisfied: Requirement

Students are required to complete the following number of courses.

Your current status is:

· Courses: 1 required, 0 taken, 1 needed

The following courses may be used to satisfy this requirement:

Course	Description	Units	When		Grade	Status
COMP1021	Intro to Computer Science	3.00				
COMP1022P	Intro to Comp with Java	3.00				
COMP1022Q	Intro to Comp with Excel VBA	3.00				
ISOM2010	Introduction to IS	3.00				
			View All	First 4	] 1-4 of 4	▶ Last

#### ▼ English Language Course for IPO

Not Satisfied: Requirement

Students are required to complete the following number of courses.

Your current status is:

• Courses: 1 required, 0 taken, 1 needed

The following courses may be used to satisfy this requirement:

Course	Description	When	Grade	Status
LANG2081	View Course Details			
		View All Fir	st 🗐 1 of 1	Last

Mathematics Course



#### **IPO - RMBI Fundamental Course**

#### IPO - RMBI Fundamental Course

Not Satisfied: Requirement (RMBI)

Students are required to complete the following fundamental courses.

For Mathematics Courses requirement, students may opt for:

Option A: MATH 1013 + MATH 1014

Option B: MATH 1020

Option C: MATH 1023 + MATH 1024

#### ▼ Computer Course

Not Satisfied: Requirement

Students are required to complete the following number of courses.

Your current status is:

· Courses: 1 required, 0 taken, 1 needed

Course	Description	Units	When		Grade	Status
COMP1021	Intro to Computer Science	3.00				
COMP1022P	Intro to Comp with Java	3.00				
COMP1022Q	Intro to Comp with Excel VBA	3.00				
			View All	First 🖪	1-3 of 3	▶ Last



#### Required Course

Not Satisfied: Requirement

Students are required to complete ALL of the following courses.

Your current status is:

• Courses: 2 required, 0 taken, 2 needed

The following courses may be used to satisfy this requirement:

Course	Description	Units	When		Grade	Status
ISOM2010	Introduction to IS	3.00				
LANG2081	View Course Details					
			View All	First 4	1-2 of 2	▶ Last

#### MATH course - Option A: MATH 1013 & MATH 1014

Not Satisfied: Requirement

Students are required to complete ALL of the following courses.

Your current status is:

• Courses: 2 required, 1 taken, 1 needed

The following courses may be used to satisfy this requirement:

Course	Description	Units	When		Grade	Status
MATH1013	<u>Calculus I</u>	3.00	2012-13 Fall			<b>\limits</b>
MATH1014	<u>Calculus II</u>	3.00				
View All First   1-2 of 2   L					▶ Last	

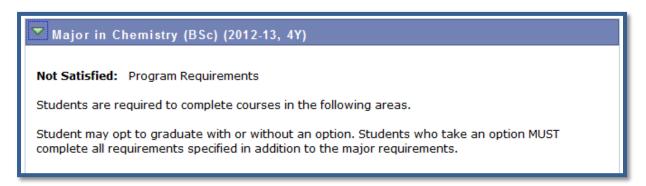
MATH course - Option B: MATH 1020

MATH course - Option C: MATH 1023 & MATH 1024



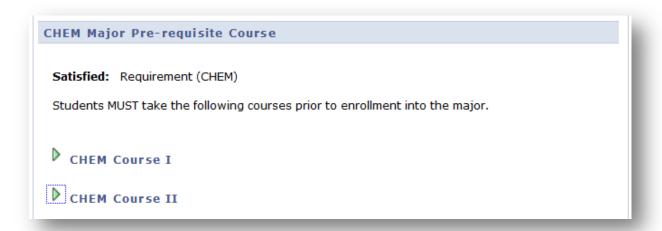
#### Major in Chemistry (B Sc) (2012-13, 4Y)

Here is an example of how would a Major program requirement group would be displayed in Advisement Report after a student has declared and confirmed registration in a Science (in this example Chemistry) major program.



#### **CHEM Major Pre-requisite Course**

Normally the major pre-requisite requirements shall all be satisfied before a student may successfully declare and confirm registration in a Science Major program.



#### **CHEM Required Course**

The list of required courses for the major program will be displayed. In this case, the student has completed / enrolled 10 courses and there are other 8 courses remain.

For those courses not yet taken, the Advisement Report will show in which term the courses will be typically offered, please refer to "When" column.



#### **CHEM Required Course**

Not Satisfied: Requirement

Students are required to complete the following required courses.

#### **▼** Required Course

Not Satisfied: Requirement

Students are required to complete ALL of the following courses.

Your current status is:

#### Courses: 18 required, 10 taken, 8 needed

Course	Description	Units	When	Grade	Status
CHEM1050	Lab for Gen Chem I	1.00	2012-13 Fall	В	$\otimes$
CHEM1055	Lab for Gen Chem II	1.00	2012-13 Spring	B-	Ø
CHEM2110	Organic Chemistry I	3.00	2013-14 Fall	B+	Ø
CHEM2150	Organic Chemistry Laboratory	1.00	2013-14 Fall	С	Ø
CHEM2210	Inorganic Chemistry I	3.00	2013-14 Fall	В	igstar
CHEM2250	Inorganic Chemistry Laboratory	1.00	2013-14 Fall	С	Ø
CHEM2310	Fundamental of Analytical Chem	3.00	Fall		
CHEM2350	Analytical Chem Laboratory	1.00	Fall, Spring		
CHEM2410	Physical Chemistry I	3.00	Fall		
CHEM2450	Physical Chemistry Laboratory	1.00	Fall		
CHEM3120	Organic Chemistry II	3.00	2013-14 Spring		<b>\rightarrow</b>
CHEM3220	Inorganic Chemistry II	3.00	2013-14 Spring		<b>\Q</b>
CHEM3320	Instrumental Analysis	3.00	Spring		
CHEM3420	Physical Chemistry II	3.00	Spring		
CHEM3550	Synthetic Chemistry Laboratory	2.00	2013-14 Spring		<b>\Q</b>
CHEM3555	View Course Details				
CHEM4690	View Course Details				
MATH2351	Intro to Diff Equat	3.00	2013-14 Fall	C+	igotimes
			View 10 First	1-18 of 18	Last