

# Computer Engineering Program

## Recommended pattern of study (Normal Pattern) for 2017-18 Entrants

Last Update : 9 Aug 2019

Semester / Year	Course 1	Course 2	Course 3	Course 4	Course 5	Course 6	Course 7	Course 8	Total # of credits*
Fall / Year 1	COMP 1021/ COMP 1022P/ COMP 1022Q	MATH 1012/ MATH 1013	LANG 1002	PHYS 1112*/ PHYS 1312	Common Core 1	ENGG 1010			15
Spring / Year 1	SENG Intro	MATH 1014	LANG 1003	PHYS 1114/ PHYS 1314	Common Core 2	ENGG 1010			15
Fall / Year 2	COMP 2011	ELEC 1100/ ELEC 1200	Common Core 3	Common Core 4	MATH 2111	CPEG 2930	ENGG 2010		17
Spring / Year 2	COMP 2611/ ELEC 2300	ELEC 2200	ELEC 2100/ ELEC 2400	LANG 2030	Common Core 5	CPEG 2930	ENGG 2010	CPEG 1971	18
Fall / Year 3	COMP 2012	COMP 2711/ COMP 2711H/ ELEC 2600	MATH 2011	Common Core 6	Common Core 7	CPEG 3930	ENGG 2010	CPEG 1971	17
Spring / Year 3	COMP 3511	ELEC 3300	COMP/ELEC	Common Core 8	Common Core 9	CPEG 3930	ENGG 2010	CPEG 1971	17
Fall / Year 4	COMP 4521/ COMP 4611/ ELEC 4310/ ELEC 4320/ ELEC 4330	COMP/ELEC	FYP I/ CPEG 4910	LANG 4030/ LANG 4031					13
Spring / Year 4	COMP/ELEC	COMP/ELEC	FYP II/ CPEG 4910	Common Core 10					13

\* Students without *Level 3 or above in HKDSE 1/2x OR in HKDSE 1x Physics* are required to take PHYS 1001 first.

Note:

1. The program requires a minimum of 120 credits for graduation.
2. Some courses can be used to fulfill both Major and University Common Core Requirements. Students may reuse a maximum of 9 credits of these courses to count towards both Requirements.

# Computer Engineering Program

## Recommended pattern of study (Research Option) for 2017-18 Entrants

Semester / Year	Course 1	Course 2	Course 3	Course 4	Course 5	Course 6	Course 7	Course 8	Course 9	Total # of credits*
Fall / Year 1	COMP 1021/ COMP 1022P/ COMP 1022Q	MATH 1012/ MATH 1013	LANG 1002	PHYS 1112*/ PHYS 1312	Common Core 1	ENGG 1010				15
Spring / Year 1	SENG Intro	MATH 1014	LANG 1003	PHYS 1114/ PHYS 1314	Common Core 2	ENGG 1010				15
Fall / Year 2	COMP 2011	ELEC 1100/ ELEC 1200	Common Core 3	LANG 2030	MATH 2111	CPEG 2930	ENGG 2010		ELEC 5900+ UROP 1100 <u>OR</u> COMP 5000- level course  (Students have the flexibility to take the courses in one of these terms.)	17
Spring / Year 2	COMP 2611/ ELEC 2300	ELEC 2200	ELEC 2100/ ELEC 2400	Common Core 4	Common Core 5	CPEG 2930	CPEG 1971	ENGG 2010		18
Fall / Year 3	COMP 2012	COMP 2711/ COMP 2711H/ ELEC 2600	MATH 2011	Common Core 6	Common Core 7	CPEG 3930	CPEG 1971	ENGG 2010		17
Spring / Year 3	COMP 3511	ELEC 3300	COMP/ELEC	Common Core 8	Common Core 9	CPEG 3930	CPEG 1971	ENGG 2010		17
Fall / Year 4	COMP 4521/ COMP 4611/ ELEC 4310/ ELEC 4320/ ELEC 4330	COMP/ELEC	FYT I/ CPEG 4910	LANG 4030/ LANG 4031	COMP/ELEC PG-level elective					16
Spring / Year 4	COMP/ELEC	COMP/ELEC	FYT II/ CPEG 4910	Common Core 10						13

\* Students without *Level 3 or above in HKDSE 1/2x OR in HKDSE 1x Physics* are required to take PHYS 1001 first.

Note:

1. The program requires a minimum of 120 credits for graduation.
2. Some courses can be used to fulfill both Major and University Common Core Requirements. Students may reuse a maximum of 9 credits of these courses to count towards both Requirements.

# Computer Engineering Program

## Recommended pattern of study (Late Pattern) for 2017-18 Entrants

Semester / Year	Course 1	Course 2	Course 3	Course 4	Course 5	Course 6	Course 7	Course 8	Total # of credits*
Fall / Year 1	COMP 1021/ COMP 1022P/ COMP 1022Q	MATH 1012/ MATH 1013	LANG 1002	PHYS 1112*/ PHYS 1312	Common Core 1	ENGG 1010			15
Spring / Year 1	SENG Intro	MATH 1014	LANG 1003	Common Core 2	Common Core 3	ENGG 1010			15
Fall / Year 2	Common Core 4	Common Core 5	Common Core 6	Common Core 7	Common Core 8	CPEG 2930	ENGG 2010		15
Spring / Year 2	COMP 2011	ELEC 1100/ ELEC 1200	MATH 2011	MATH 2111	PHYS 1114/ PHYS 1314	CPEG 2930	ENGG 2010	CPEG 1971	16
Fall / Year 3	COMP 2711/ COMP 2711H/ ELEC 2600	COMP 2611/ ELEC 2300	ELEC 2200	LANG 2030	Common Core 9	CPEG 3930	ENGG 2010	CPEG 1971	17
Spring / Year 3	COMP 2012	ELEC 2100/ ELEC 2400	COMP/ELEC	Common Core 10	CPEG 3930	ENGG 2010	CPEG 1971		14
Fall / Year 4	COMP 3511	ELEC 3300	COMP/ELEC	FYP I/ CPEG 4910	LANG 4030/ LANG 4031				16
Spring / Year 4	COMP 4521/ COMP 4611/ ELEC 4310/ ELEC 4320/ ELEC 4330	COMP/ELEC	COMP/ELEC	FYP II/ CPEG 4910					14

\* Students without *Level 3 or above in HKDSE 1/2x OR in HKDSE 1x Physics* are required to take PHYS 1001 first.

**Note:**

1. The program requires a minimum of 120 credits for graduation.
2. Some courses can be used to fulfill both Major and University Common Core Requirements. Students may reuse a maximum of 9 credits of these courses to count towards both Requirements.

# Computer Engineering Program

## Recommended pattern of study (Exchange Pattern) for 2017-18 Entrants

Semester / Year	Course 1	Course 2	Course 3	Course 4	Course 5	Course 6	Course 7	Course 8	Total # of credits*
Fall / Year 1	COMP 1021/ COMP 1022P/ COMP 1022Q	MATH 1012/ MATH 1013	LANG 1002	PHYS 1112*/ PHYS 1312	Common Core 1	Common Core 2	ENGG 1010		18
Spring / Year 1	SENG Intro	MATH 1014	LANG 1003	PHYS 1114/ PHYS 1314	Common Core 3	Common Core 4	ENGG 1010		18
Fall / Year 2	COMP 2011	ELEC 1100/ ELEC 1200	LANG 2030	MATH 2111	Common Core 5	Common Core 6	CPEG 2930	ENGG 2010	19
Spring / Year 2	ELEC 2100/ ELEC 2400	ELEC 2200	MATH 2011	Common Core 7	Common Core 8	CPEG 1971	CPEG 2930	ENGG 2010	17
Fall / Year 3	COMP 2012	COMP 2711/ COMP 2711H/ ELEC 2600	COMP 2611/ ELEC 2300	Common Core 9	Common Core 10	CPEG 1971	CPEG3930	ENGG 2010	18
Spring / Year 3	Going Out for Exchange								
Fall / Year 4	COMP 3511	COMP/ELEC	COMP/ELEC	LANG 4030/ LANG 4031	FYP I/ CPEG 4910	ENGG 2010			17
Spring / Year 4	COMP 4521/ COMP 4611/ ELEC 4310/ ELEC 4320/ ELEC 4330	ELEC 3300	COMP/ELEC	COMP/ELEC	FYP II/ CPEG 4910				17

\* Students without *Level 3 or above in HKDSE 1/2x OR in HKDSE 1x Physics* are required to take PHYS 1001 first.

Note:

1. The program requires a minimum of 120 credits for graduation.
2. Some courses can be used to fulfill both Major and University Common Core Requirements. Students may reuse a maximum of 9 credits of these courses to count towards both Requirements.

# Computer Engineering Program

## Recommended pattern of study (Minor Pattern) for 2017-18 Entrants

Semester / Year	Course 1	Course 2	Course 3	Course 4	Course 5	Course 6	Course 7	Course 8	Total # of credits*
Fall / Year 1	COMP 1021/ COMP 1022P/ COMP 1022Q	MATH 1012/ MATH 1013	LANG 1002	PHYS 1112*/ PHYS 1312	Common Core 1	Common Core 2	ENGG 1010		18
Spring / Year 1	SENG Intro	MATH 1014	LANG 1003	PHYS 1114/ PHYS 1314	Common Core 3	MINOR 1	ENGG 1010		18
Fall / Year 2	COMP 2011	ELEC 1100/ ELEC 1200	LANG 2030	MATH 2111	Common Core 4	MINOR 2	CPEG 2930	ENGG 2010	19
Spring / Year 2	ELEC 2100/ ELEC 2400	ELEC 2200	MATH 2011	Common Core 5	Common Core 6	CPEG 1971	CPEG 2930	ENGG 2010	17
Fall / Year 3	COMP 2012	COMP 2711/ COMP 2711H/ ELEC 2600	COMP 2611/ ELEC 2300	Common Core 7	MINOR 3	CPEG 1971	CPEG 3930	ENGG 2010	18
Spring / Year 3	ELEC 3300	COMP/ELEC	Common Core 8	Common Core 9	MINOR 4	CPEG 1971	CPEG 3930	ENGG 2010	17
Fall / Year 4	COMP 3511	COMP/ELEC	COMP/ELEC	LANG 4030/ LANG 4031	MINOR 5	FYP I/ CPEG 4910			19
Spring / Year 4	COMP 4521/ COMP 4611/ ELEC 4310/ ELEC 4320/ ELEC 4330	COMP/ELEC	Common Core 10	MINOR 6	FYP II/ CPEG 4910				16

\* Students without *Level 3 or above in HKDSE 1/2x OR in HKDSE 1x Physics* are required to take PHYS 1001 first.

Note:

1. The program requires a minimum of 120 credits for graduation.
2. Some courses can be used to fulfill both Major and University Common Core Requirements. Students may reuse a maximum of 9 credits of these courses to count towards both Requirements.