# Sharing with School of Science Advisers on the Common Core Program

**King L. Chow**
**Academic Director of Undergraduate Core Education**
**The Provost Office**

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# Coming to the University

Where am I from?

Why am I here?

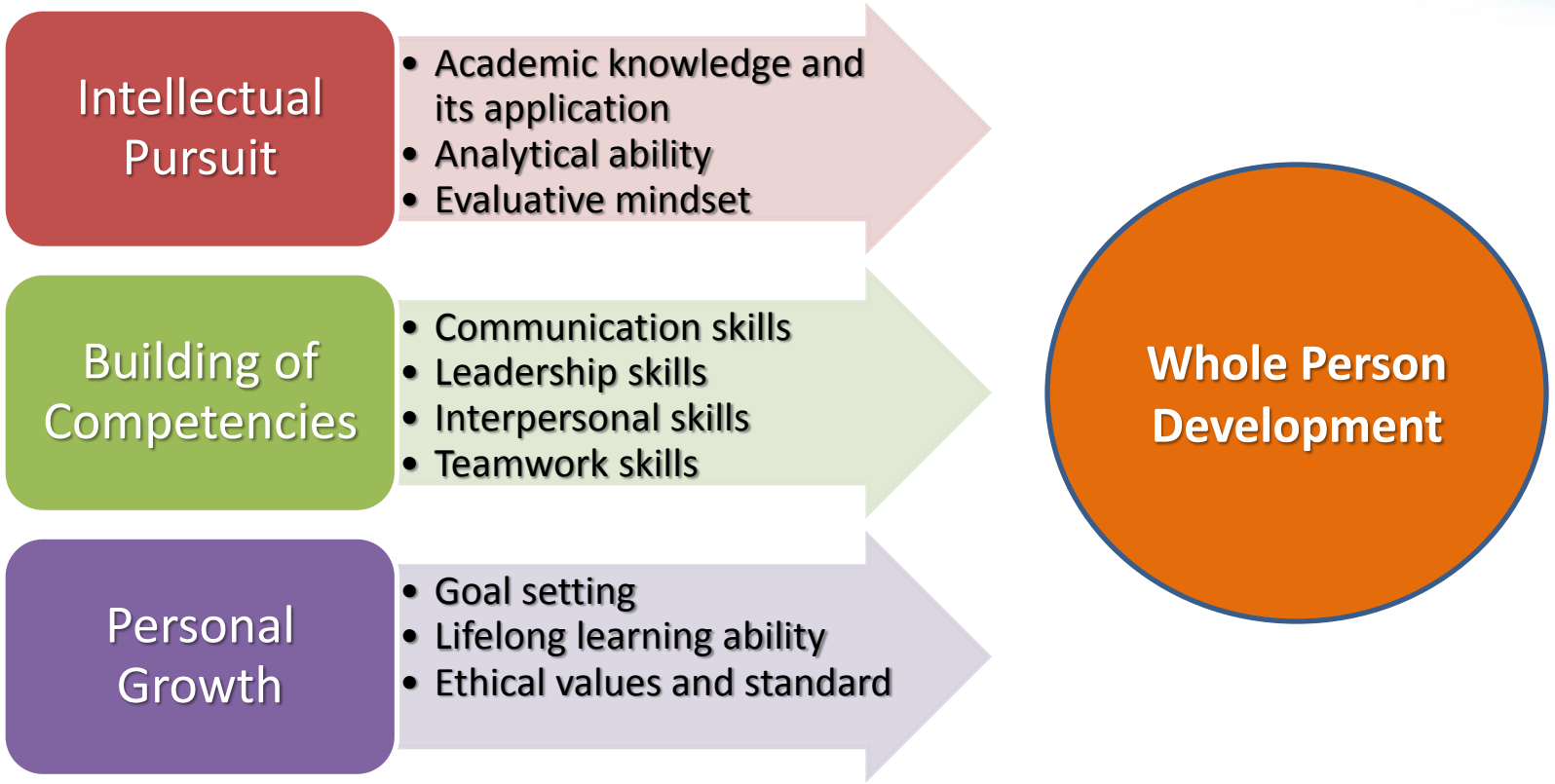


Who am I?

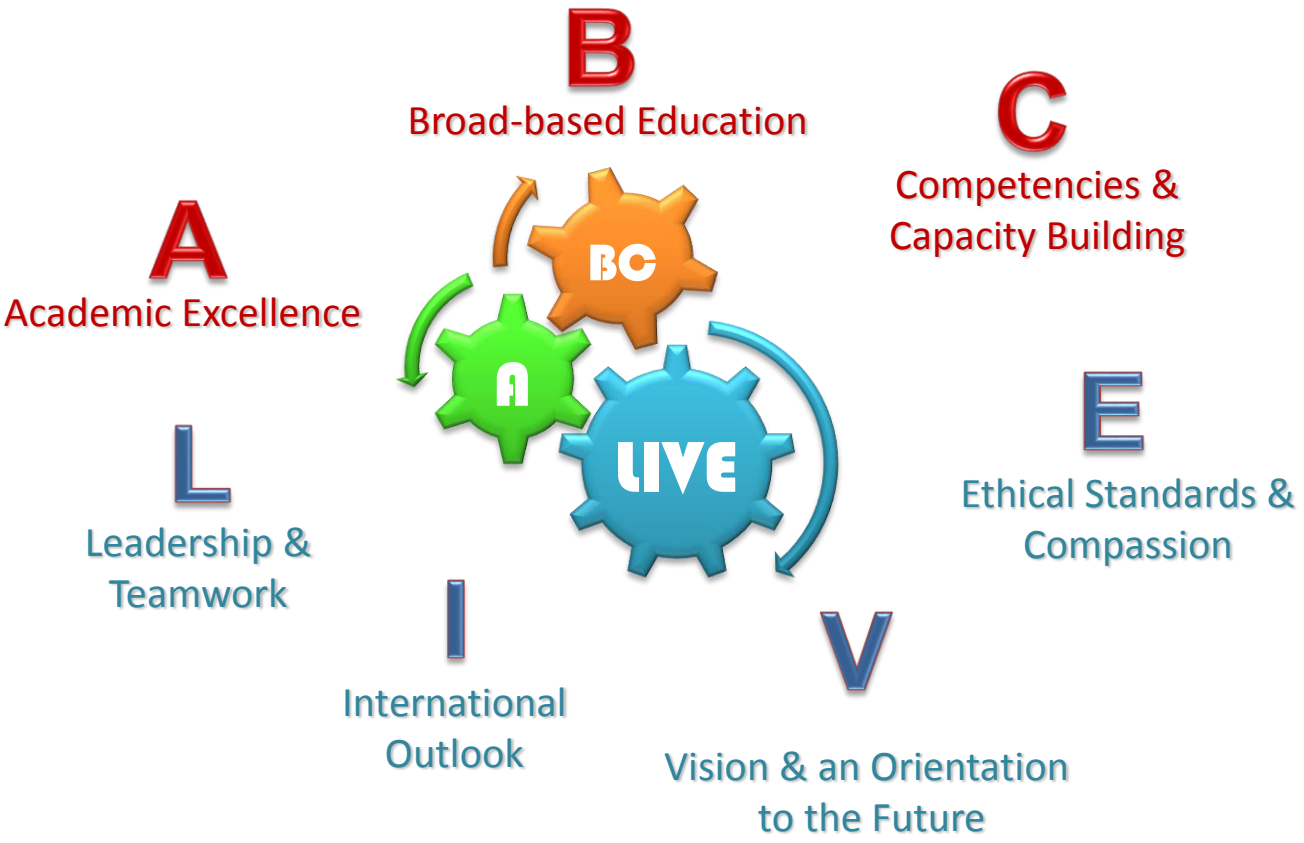
Where am I going?

What am I going to do?

# The University Aspirations



# Nurturing these Desired Attributes for HKUST Graduates



# Common Core Program Design – the Philosophy behind

- Spark passion for learning, broaden horizon and liberate the mind
- Develop communication and analytical capacity and independent thinking
- Foster appreciation of arts and culture, social issues, and scientific and technological precision
- Encourage inquiry and ability to work as a team
- Cultivate responsible, ethical and compassionate citizenship
- Ensure balanced physical and intellectual growth

# We wish our students to achieve these through the Common Core...

- Learn outside their major discipline
- Learn to integrate different fields of knowledge
- Find their direction for a lifelong pursuit
- Acquire skills to realize their personal goals
- Challenge them to think
- Explore their role among their friends and in their family
- Explore their identity in the community and the society
- Contribute to the society and the world

# Common Core Program

**An all-round developmental experience**

**A broad-based education**

# Common Core Requirements for Students Admitted in 2012-13 (4Y programs)

| Common Core Area | Credits |
|---|---|
| School-Sponsored Courses (SSC) | 9 * |
| Humanities (H) | 3 |
| Social Analysis (SA) | 3 |
| Science and Technology (S&T) | 3 |
| Quantitative Reasoning (QR) | 3 |
| English Communication | 6 ** |
| Chinese Communication | 3 |
| Healthy Lifestyle | Non-credit |
| Core Electives | 6 *** |
| Total credits required | 36 |

* 3 credits each from S&T SSCs, SA SSCs, and H SSCs
** Must be taken in the first year of study
*** To be selected from S&T, SA, H, QR, or Arts common core courses

# Details of Common Core Requirements for Other Cohorts

http://uce.ust.hk/general_education/index.html

# We expect Common Core Courses...

- To broaden students' horizon and their exposure.
- NOT to have a prerequisite and to be open to ALL students.
- To enhance students' competencies such as communication, quantitative reasoning, and critical thinking.
- To challenge students to consider social, cultural, or philosophical issues.

# Common Core Rules

- Some common core courses may be listed under more than one common core area. Students can choose to count towards **one** of the listed areas **but not both**.
- May **re-use common core credits** to count toward other graduation requirement, subject to other restrictions as specified by the School/major program.

  (**SSCI**: Students may **reuse up to 6 credits** of courses to count towards both the **School Requirements** and the University **Common Core** requirements.)
- Can count towards the common core requirement only if the course is taken in the year it is listed on the course list.

# 2012-13 Common Core Courses

## School-Sponsored Courses

| | No. of Courses |
|---|---|
| Humanities SSCs | 3 |
| Social Analysis SSCs | 10 |
| Science and Technology SSCs | 10 |
| Total SSCs | 23 |

# Humanities Common Core Courses (1)

| Categories | No. of Courses |
|---|---|
| (1) Anthropology | 15 |
| (2) Arts – Fine Art | 10 |
| (3) Arts – Music | 10 |
| (4) Chinese History | 15 |
| (5) Chinese Linguistics | 7 |
| (6) Chinese Literature | 10 |
| (7) Chinese Philosophy | 10 |
| (8) Economic & Political Development | 1 |

# Humanities Common Core Courses (2)

| Categories | No. of Courses |
|---|---|
| (9) Global History | 3 |
| (10) Global Literature | 3 |
| (11) Linguistics | 5 |
| (12) Philosophy | 4 |
| (13) Religion | 2 |
| (14) Science, Technology & Society | 1 |
| (15) Western History | 3 |
| (16) Western Literature | 4 |
| (17) School-Sponsored / Interdisciplinary Courses | 3 |
| Total | 106 |

# Social Analysis Common Core Courses

| Categories | No. of Courses |
|---|---|
| (1) Business & Management and Science, Technology & Society | 2 |
| (2) Anthropology | 1 |
| (3) Business & Management | 10 |
| (4) Economic & Political Development | 14 |
| (5) Economics | 5 |
| (6) Environmental Studies & Sustainable Development | 2 |
| (7) Science, Technology & Society | 13 |
| (8) Social Relation | 16 |
| (9) School-Sponsored / Interdisciplinary Courses | 10 |
| Total | 73 |

# Science & Technology
# Common Core Courses

| Categories | No. of Courses |
|---|---|
| (1) Business & Management and Science, Technology & Society | 1 |
| (2) Chemistry | 2 |
| (3) Engineering & Management | 3 |
| (4) Engineering & Society | 7 |
| (5) Environment Studies & Sustainable Development | 9 |
| (6) Information Technology | 3 |
| (7) Life Science | 2 |
| (8) Physics | 6 |
| (9) Science & Society | 8 |
| (10) School-Sponsored / Interdisciplinary Courses | 10 |
| Total | 51 |

# Quantitative Reasoning
# Common Core Courses

| Categories | No. of Courses |
|---|---|
| (1) Computing | 3 |
| (2) Data Analysis | 1 |
| (3) Mathematics | 7 |
| (4) Statistics | 2 |
| Total | 13 |

# Arts Common Core Courses

| Categories | No. of Courses |
|---|---|
| (1) Arts – Fine Art | 10 |
| (2) Arts – Music | 10 |
| (3) Arts – Studio Arts | 12 |
| Total | 32 |

# Common Core Courses - Communication & Healthy Lifesytle

| Common Core Area | No. of Courses |
|---|---|
| English Communication | 2 |
| Chinese Communication | 5 |
| Healthy Lifestyle | 1 |

# Common Core Course Lists

- **Course lists are set up based on student intake years;**
- **Students are required to follow the course list that is applicable to their year of admission.**

**Maintained by UCE Team (Provost Office)**

**http://uce.ust.hk/course_information/index.html**

# When to enroll Common Core courses?

**When to enroll?**

- Check the common core course offering schedule
- Find out from the program pathway the suggested terms for taking common core course
- Suggest to take SSC (a required component) in early terms

**We have an analysis of the recommended study patterns of all programs for an analysis. The common core credits are distributed in a ratio of…**

**15 : 9 : 6 : 6**

**What is left each year for taking any elective?**

# General Advice to Students in Choosing Common Core Courses

- **Interest comes first**
  - Let students decide what they might like to study
  - Avoid prescribing courses for them
  - Encourage students to take seemingly "unrelated" subjects – one never knows whether these may become "useful" sometime in the future
- **Match their academic ability**
  - 1000, 2000 or 3000 level course
  - Easy or challenging courses
  - Try **not to overload** and take common core as fringe subject with little weight

- Ability and study load permitting, may take more common core courses to broaden their horizon and to understand where their interests lie
- **Attempt a variety of courses**, may consider selecting courses from the same sub-category that fits one's study focus or interest
- Use add/drop period to get a taste of the courses

# Thank you!