

Chulalongkorn School of Integrated Innovation

We create global
creative leaders!

INNOVATION
is not about
IDEAS.
IT'S ABOUT
making ideas
HAPPEN.
- Albert Einstein -

INNOVATION
IS THE
SUCCESSFUL
EXPLOITATION
OF NEW IDEAS
INNOVATION
is all about
MINDSET

ANTI
SOCIAL
SOCIAL
CLUB



**Philosophy
& Approach**

QUESTIONS & ANSWERS

Chulalongkorn School of Integrated Innovation

1. Why did Chula decide to launch this new School?

Chulalongkorn deploys a strategy called the Speedboat Model, where the Speedboat has the speed and agility required to explore the best direction under the sea storm.

There have been tremendous technological innovations in recent years which are having a lasting and profound impact on human life. The past decade has been a turning point in global change.

Higher education institutions, which are expected to be pillars of development, are falling behind amid the ongoing tectonic global changes. Most universities still use systems that were designed for the 19th century, when students were expected to gather knowledge during their schooling age and then use that acquired knowledge for the rest of their lives.

This model of higher education does not meet the requirements of the current global order. Knowledge that is accumulated in schools often becomes obsolete within a very short time. Yet our education system still teaches students to accumulate knowledge instead of helping them acquire skills for self-learning in the future.

The present tertiary education system has become mired in rituals, and knowledge is often compartmentalized into departments, with each department jealously guarding its own silos. Each university therefore consists of many silos that are not connected to one

another. Graduates who emerge from one silo are focused on their own sector, and unable to integrate knowledge from diverse fields.

The emergence of new technologies is expected to help humans integrate knowledge to solve real-world problems. Digital transformation provides the roadmap; but to reach a truly digital organization, one needs to implement major transformation in organizational structure, work processes, and in the mindset of key players in the organization.

Chulalongkorn University is like a big ship. It has an exalted history and a strong corporate culture. Like all big ships, it has enormous momentum. But this can also act as an impediment if the ship wishes to change direction quickly. The ability to react to an emerging challenge, a sea storm, if you like, hinges upon the speed and agility.

Chulalongkorn deploys a strategy called the Speedboat Model, where the Speedboat has the speed and agility required to explore the best direction under the sea storm. The Speedboat, as a new and independent entity, employs a new paradigm of teaching and learning, befitting to the changing world. This unit, called the Chulalongkorn School of

Integrated Innovation (Scii), has initially launched a degree program that focuses on the transdisciplinary approach in its

Bachelor's degree of Arts and Science in Integrated Innovation (BAScii).

2. What are the highlights of BAScii?

Students can discover their own identity as they explore what they like and what they are good at. They will develop the inherent capacity to adapt to the ever-changing world in the future

The aim is to create new graduates that meet the needs of tomorrow's world. They belong to a new breed of graduates who are ready to shoulder responsibilities and assume important roles in the global society of the future. The School expects our BAScii Graduates to be "well-rounded persons". All through their four-year program, BAScii students will be equipped with core knowledge in technology and business in addition to an advanced skillset including communication, critical thinking, creativity and leadership. They will develop the inherent capacity to adapt to the ever-changing world in the future, with the skill to continuously reinvent themselves.

Basically, the BAScii program is a unique blend of transdisciplinary education described as follows:

➤ The BAScii program empowers students with the ability to search for opportunities on their own. They learn basic STEM subjects (Science, Technology, Engineering, and Mathematics), and we add another "A" (Arts), which gives us the acronym, STEAM. Students can discover their own identity as they explore what they like and what they are good at. They then select an integrated innovation

project that focuses on their subject of interest. Students are provided with in-depth knowledge to pursue this area of interest, with mentors acting as specialist teachers.

- The BAScii curriculum aims to provide a truly international learning experience. We plan that 70 percent of our faculty body will be recruited from overseas, and we set a seat quota of 30 per cent for international students. In such international environment and atmosphere, our students will graduate to become global citizens who can engage with the international community regardless of geographic location.
- The BAScii encourages students to volunteer and commit themselves to societal betterment so that they can grow to become globally responsible citizens.
- The BAScii curriculum has been crafted to help nurture talent by providing a fertile innovative ecosystem for teaching and learning. The School embraces a culture of innovation through collaboration with entrepreneurs, investors, and government agencies that support both national and international innovation.

3. Does Scii work closely with others?

The School sees itself as an open platform for stakeholders from every part of the society to participate and contribute.

The School sees itself as an open platform for stakeholders from every part of the society to participate and contribute, including government agencies, corporates, entrepreneurs, investors, researchers, etc. These stakeholders help impart practical or

tacit knowledge to top up the class-room education. Essentially, aside from sponsoring innovations and acting as mentors to students, stakeholders also help guide the program direction by reviewing our curriculum.

4. What would BAScii graduates look like?

They will have the cutting-edge technical and business knowledge coupled with comprehensive 21st century skills and an innovative mindset, to face the challenges of the changing world.

This is a popular question from parents. Our School expects that BAScii graduates will be "well-rounded persons". They will have the cutting-edge technical and business knowledge coupled with comprehensive 21st century skills and a real experience in conducting **Startup Projects**, to face the challenges of the changing world.

In addition, BAScii graduates could pursue postgraduate study to assume the role of a new generation of engineers, scientists, architects and even social scientists.

Future professions for BAScii graduates will include:

- *Technology Innovators;*
- *Innovation Entrepreneurs;*
- *Social Transformers; and*
- *Corporate Digital Transformers.*

One thing for sure, all our graduates will be global citizens and lifelong learners. Even after their graduation, they will continue to be our lifelong partners in their pursuit of new frontier knowledge and technology.

Chulalongkorn School of Integrated Innovation (Scii)

4th Floor, Chaloe M Ratchakumari 60 (Chamchuri 10) Building
Phayathai Road, Pathumwan, Bangkok 10330, Thailand
Tel. +662-218-3137 Email : scii.director@chula.ac.th