THE DEMAND FOR NEW KNOWLEDGE & INTERDISCIPLINARY EDUCATION AT YONSEI UNIVERSITY

President Kap-Young Jeong
October 30, 2014
SOUTH KOREA, 1950-Today

Seoul 2014
President Park Geun-hye’s “Creative Economy”
Founded in 1885 by Christian missionaries, Yonsei’s mission is to foster leaders who will contribute to humanity in the spirit of “truth and freedom.”
81-90th University in the World
2014 Times Higher Education World Reputation Rankings

16th University in Asia
2014 QS Asian University Rankings

No. 1 University in Korea
2012 JoongAng Daily National University Rankings
World’s Top 20 Private Universities

* According to 2014 Times Higher Education World Reputation Rankings
4Cs

Communication

Creativity

Convergence

Cultural Diversity
unified science

Philosophy

unity of knowledge

synthesizing knowledge
5 FACTORS IN THE RISE OF INTERDISCIPLINARITY

- New fields of knowledge
- Knowledge applicable in “reality”
- Overcoming problems of university operations
- Vocational training requirements
- New subjects reaching beyond single discipline
## Liberal Arts Education

- Promotes interdisciplinarity
- Promotes critical thinking
- Emphasizes tools over content
- Deemphasizing majors or fields of study

Students are more likely to engage in diversity-related activities and have better understanding of people from diverse backgrounds.
7 OUTCOMES OF LIBERAL ARTS EDUCATION

Integration of learning
Inclination to inquire & Lifelong learning
Effective reasoning & Problem solving
Moral character
Inter-cultural effectiveness
Leadership
Well-being

Wabash National Study of Liberal Arts
Liberal Arts Education
Development of Songdo

Just six years ago in 2008

Three years later in 2011

Present 2014
International organizations in Songdo

GREEN CLIMATE FUND
Development of Yonsei International Campus

2006 Ocean → Land claimed

2014 Campus
Residential College

▪ Holistic, full-time education which integrates living and learning

▪ New paradigm of higher education in Korea

Holistic Education

▪ Giving back to community

▪ Mentoring programs

▪ Service leadership
Underwood International College

- English-language, liberal arts institution
- Provides premium, Ivy League-caliber education
- Encourages vibrant intellectual exchange through its interdisciplinary majors

- 3 Fields
  ① Underwood
  ② Humanities, Arts & Social Sciences
  ③ Integrated Science & Engineering
Underwood International College

3 Fields, 5 Divisions, 16 Majors

Underwood Field
- Underwood Division
  - Comparative Literature and Culture
  - Economics
  - International Studies
  - Political Science and International Relations
  - Life Science and Biotechnology

Humanities, Arts & Social Sciences (HASS) Field
- Asian Studies Division
  - Asian Studies
- Techno-Art Division
  - Information & Interaction Design
  - Creative Technology Management
  - Culture & Design Management
- Integrated Social Sciences Division
  - Justice & Civil Leadership
  - Quantitative Risk Management
  - Science, Technology & Policy
  - Sustainable Development & Cooperation

Integrated Science & Engineering Field
- Integrated Science & Engineering Division
  - Bio-Convergence
  - Energy & Environmental Science & Engineering
  - Nano Science & Engineering
Underwood International College

More than 350 students from 50 countries

As of September 2014
Yonsei Institute of Convergence Technology
&
School of Integrated Technology

Yonsei Institute of Convergence Technology

- Computation & Communications
- Seamless Transportation
- Smart Living
- Medical Systems

School of Integrated Technology

- IT
- Nano/Bio
- Energy
- Environment

Research and Education Institutions

- Technion
- Aalto University
- ETRI

Industry & Government

- Samsung
- LG
- SK Telecom
- Incheon Metropolitan Government

21
ICONS: Institute of Convergence Science

50 Centers in four campuses

3 Values

- Excellence
- Autonomy
- Open-mindedness

3 Goals

- Leading Global Convergence Research
- Hub of Yonsei Convergence Research
- Creating New Knowledge and Value
Multi-campus System

Sinchon Campus

International Campus

Wonju Campus

Yonsei University Health System
Administrative Convergence

INFORMATION & RESOURCE SHARING

MOBILITY

COLLABORATION

STRENGTHENING NETWORKS
Employers are in agreement with a broad set of college learning goals.

- 93% capacity to think critically and communicate clearly is more important than undergraduate major.

Employers endorse the concept of a liberal education.

- 75% higher education should place more emphasis on these skills.

- 80% all college students should acquire broad knowledge in the liberal arts and sciences.

2013 Survey of Employers, AACU
New discoveries

Access

Ubiquitous

Creating knowledge

Information sharing

Visual

Interactive
2015
YONSEI’s
130th ANNIVERSARY
YONSEI, where we make history
Thanks