Technical Challenges and Future Forecasting
for the Curriculum Development in Arts, Sciences and Humanities

cdash.atc.io

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Cross-Disciplinary Curricula

The following courses are examples that have been or are currently being offered at the institutions listed. All course descriptions used with permission. Links to syllabi are listed at the request of the instructor. For privacy reasons, emails of instructors are not listed except at their request. For further information about any of these courses, please contact Kathryn Evans, kevans@utdallas.edu

Institutions are listed in alphabetical order within each country.

AUSTRALIA

The University of New South Wales, UK  http://experimentalart.unsw.wikispaces.net/

SART@I101 Experimental Arts Course: For students who are interested in innovation, creativity and ideas development. Students in a wide variety of degrees dealing with creativity in art, design and media will benefit from this course through exposure to new trans-disciplinary methodologies and creative opportunities.

The University of Western Australia  http://www.symbiotica.uwa.edu.au/

VISA2214 Aesthetic Crossovers of Art and Science. A practical and theoretical investigation, through critical engagement of the nexus and differences of the art and science cultures through the use of the technologies of life science/biotechnology as an art-form. This unit is a practical and theoretical investigation, through critical engagement, of the links and differences between art and science by the use of the technologies of life sciences and biotechnology as an art-form. Students learn to understand, through the use of the technologies of the life sciences, ways for exploring practically and theoretically the methods and ideas concerned with the crossovers between the fields/cultures of art and science (particularly life sciences).

VISA2249 Art and Life Manipulation. An introduction to biological lab practices and techniques dealing with the manipulation of living biological systems within the context of contemporary arts practices. This unit introduces the basic practical and theoretical working methodologies for the construction of works of art that include living elements. Topics include basic methods of tissue engineering, tissue culture, DNA isolation, breeding principles, and genetic engineering. The ethical and aesthetic issues of bio-art are also discussed.
CDASH

Today

200 courses
70 institutions
17 countries

SPOTLIGHT: What’s New!

Read about our the history of our project in A New Journey of CDASH (Curriculum Development in the Arts, Sciences, and Humanities) by our team member Eun Ah Lee, posted in both English and Korean!

Listen to a podcast with Harvey Seifter of the Art of Science Learning on our Creative Disturbance platform here

NEW COURSES WITH SYLLABI
Successful products are often re-fashioned into a service.
Long-term vision for CDASH might be a systems of services connecting the communities.
Yegge’s Law (2011)

A product is useless without a platform, or more precisely and accurately, a platform-less product will always be replaced by an equivalent platform-ized product.

Steve Yegge, Google, Software Architect

plus.google.com/+RipRowan/posts/eVeouesvaVX
Platforms amplify their owners' investment.

Developers make applications that attract users.

Applications attract users.

Users validate the platform.

Platform validates the developers.
It’s no longer enough to focus on nodes. We have to put at least as much emphasis on connections.
Our traditional organizations are centralized systems, top-down control, but with imperfect knowledge and bottle necks.
Even our **view of knowledge** is often **hierarchical**
Yet a truly trans-disciplinary system is a peer network