Welcome to TU Dublin

Féidearthachtaí as Cuimse
Infinite Possibilities

Welcome to the School of Architecture, Building and Environment

Architecture | Building | Environment

Faculty of Engineering & Built Environment
TU Dublin Bolton Street and Linenhall Campus

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TU DUBLIN
TECHNOLOGICAL UNIVERSITY DUBLIN

Technological University Dublin

6 minute walk between Bolton Street, Linenhall and Grangegorman Campuses

Technological University Dublin (TU Dublin) was established on 1st January, 2019 and is Ireland's first technological university.

TU Dublin has a student population over 30,000 with 138 nationalities across three campuses in Dublin.

It has degree awarding powers, providing full- time and part-time programmes at doctorate, post-graduate, degree, diploma, certificate and apprenticeship levels.

The award-winning Grangegorman scheme is the largest educational campus project in Europe and is designed to be an integrated and sustainable campus, embodying TU Dublin's values

School of Architecture, Building and Environment

Full-time professional training in architecture and building construction has taken place at **Bolton Street and Linenhall** since 1926.

In 2022 the Dublin School of Architecture joined together with the discipline of Environment & Planning to form the **School of Architecture, Building and Environment**.

Our mission is to deliver internationally regarded, industry-oriented programmes and conduct engaged research in the inter-linked disciplines of: **Architecture, Architectural Technology, Construction and Building Performance, and Environment and Planning**

The Bolton Street and Linenhall Campus

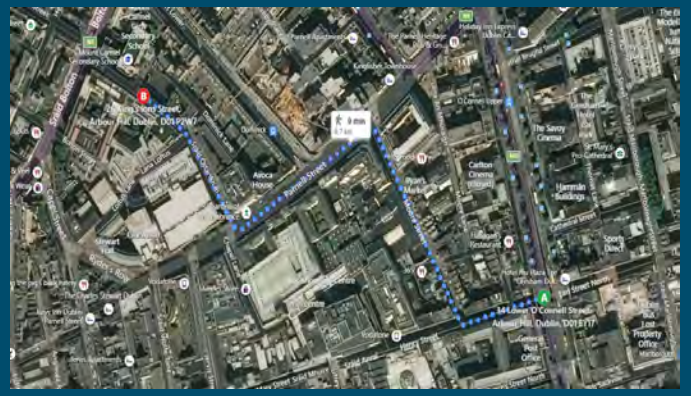
TU Dublin Bolton Street

We are located in the TU Dublin Bolton Street and Linenhall Campus, which is one of Europe's foremost centres for built environment education, where technical education has taken place since 1911.

Close to Grangegorman, the city centre and Capel Street districts.

TU Dublin Linenhall

6 minute walk to Grangegorman



9 minutes walk from the Spire

Capel Street and Smithfield Quarters

Towards a carbon neutral 2050

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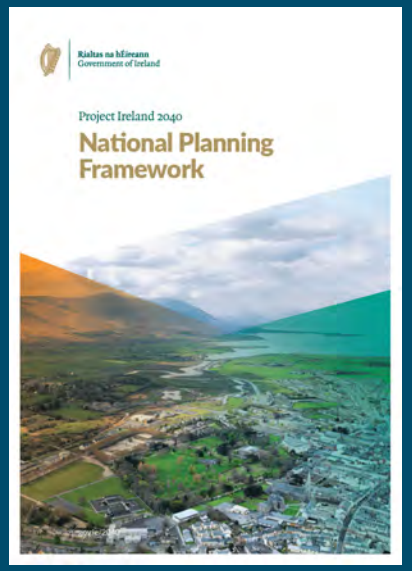
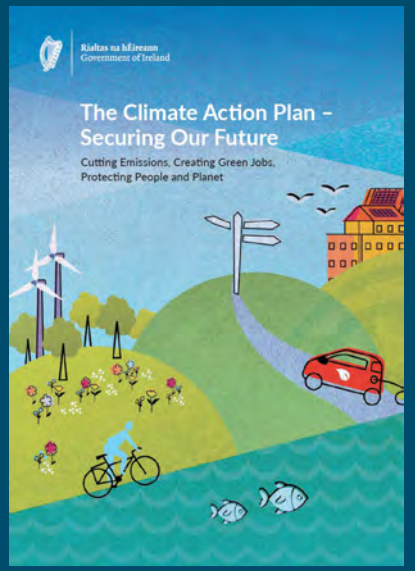
Career-focussed education, national and global goals

- €4bn investment in housing annually to deliver 300,000 new homes by 2030
- New National Retrofit Strategy, subsidies for up to 500,000 homes
- €365 million to be invested annually in public transport and active travel (including 250 new public jobs) up to 2025
- Each government department's strategy to be aligned with UN Sustainable Development Goals (TU Dublin's is too), to deliver net zero by 2050





A career of 50 years

Climate emergency; Biodiversity crisis; Population growth;

- Buildings will be designed and assembled differently
- Society will continue to need buildings, more buildings especially homes will be required due to population growth
- Technological and digital developments will transform how we design and build
- Existing buildings will require retrofit and creative adaptation
- In your career you will witness and be part of huge change

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A career of 50 years

The future will be increasingly technological and digital.

But will also be about making beautiful, sustainable, inclusive buildings and places for people.

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SABE Disciplinary Groupings

The School of Architecture, Building and Environment (SABE) is organised across four disciplinary groupings:

Architecture

Architectural Technologies

Construction and Building Performance

Environment and Planning

TU831 BSc (Hons) Architectural Technology
TU832 Bachelor of Architecture (Hons)
TU835 BSc (Hons) Planning & Environmental Management
TU838 BSc (Hons) Sustainable Timber Technologies

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TU835 BSc (Hons) Planning & Environmental Management

Employment	Strong and growing demand with high placement on both streams
Placement	Work placement option in Year 3-4
Accreditation	Irish Planning Institute / Royal Town Planning Institute Environmental paths: ESAI / CIEEM / CIWEM / IEMA
Streaming options	Common first year, with streams leading to BSc (Hons) in Spatial Planning / BSc (Hons) in Environmental Management
Emphasis	Multi-disciplinary / practical & applied skills / sustainable development / career-focus
Progression	Career paths to industry M.Sc.'s in Sustainable Development, Spatial Planning, Sustainable Mobility and Urban Regeneration, etc.

Full-time

Level 8

4 Years

2022 CAO Points: 347

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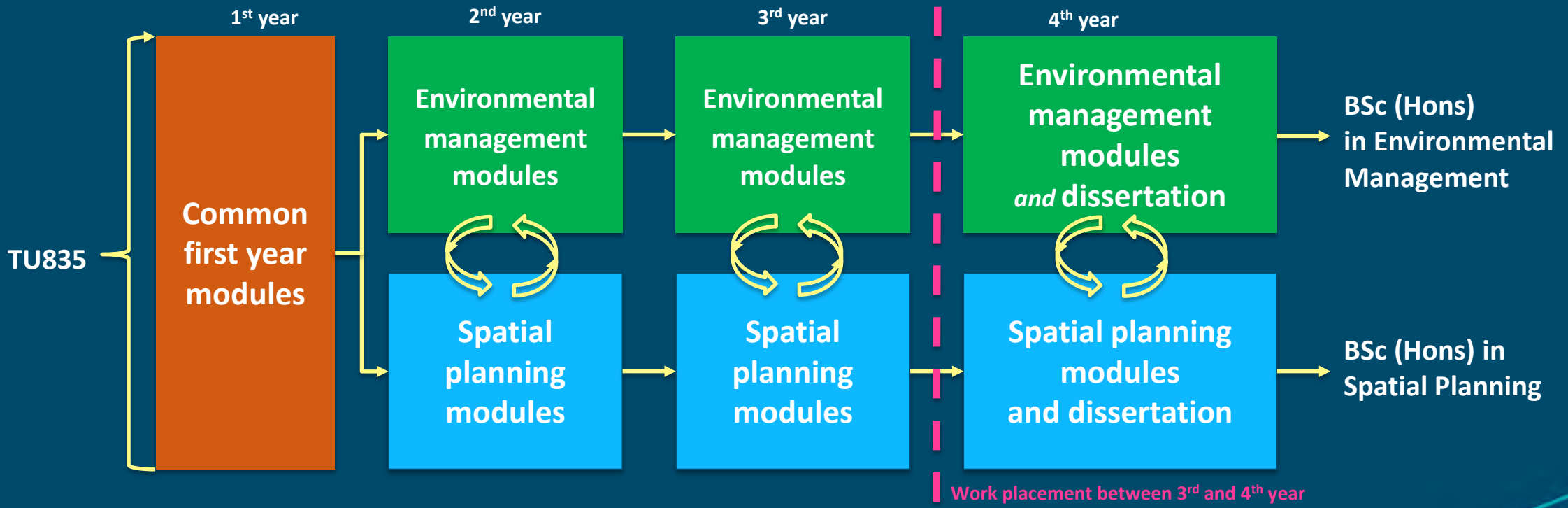
TU835 BSc (Hons) Planning & Environmental Management

How does TU835 work?



TU835 is a combined programme. Students take all subjects in year 1. In year 2 you can choose between the Spatial Planning or Environmental Management streams. Year 4 allows full specialisation in your chosen field, including the completion of a dissertation. Both groups will work together collaboratively throughout the full programme.

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TU831 BSc (Hons) Architectural Technology

Employment	Building Information Modelling 100% employment record
Placement	Paid work placement in Year 3
Scholarships	Mont Kavanagh Scholarship MOY Scholarship
Awards	RIAI Rising Star WorldSkills BIM Gold Medal
Accreditation	Chartered Institute of Architectural Technologists (CIAT) Royal Institute of the Architects of Ireland (RIAI)
Progression	MSc Applied Building Information Modelling & Management MSc Building Performance (Energy Efficiency in Design)

Full-time

Level 8

4 Years

2023 CAO Points: 420

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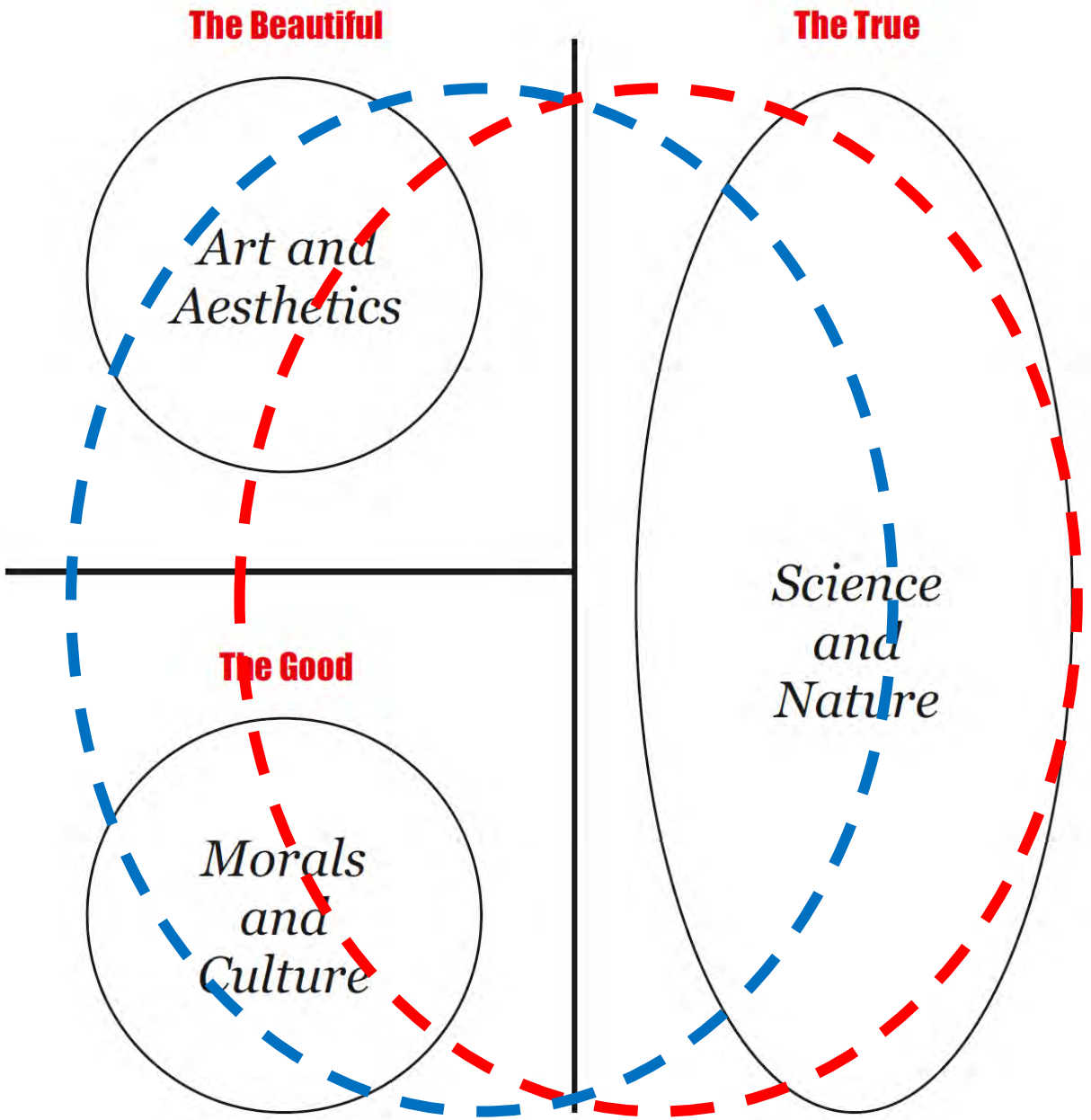
ARCHITECTURAL TECHNOLOGY IS INTEGRAL TO ARCHITECTURE



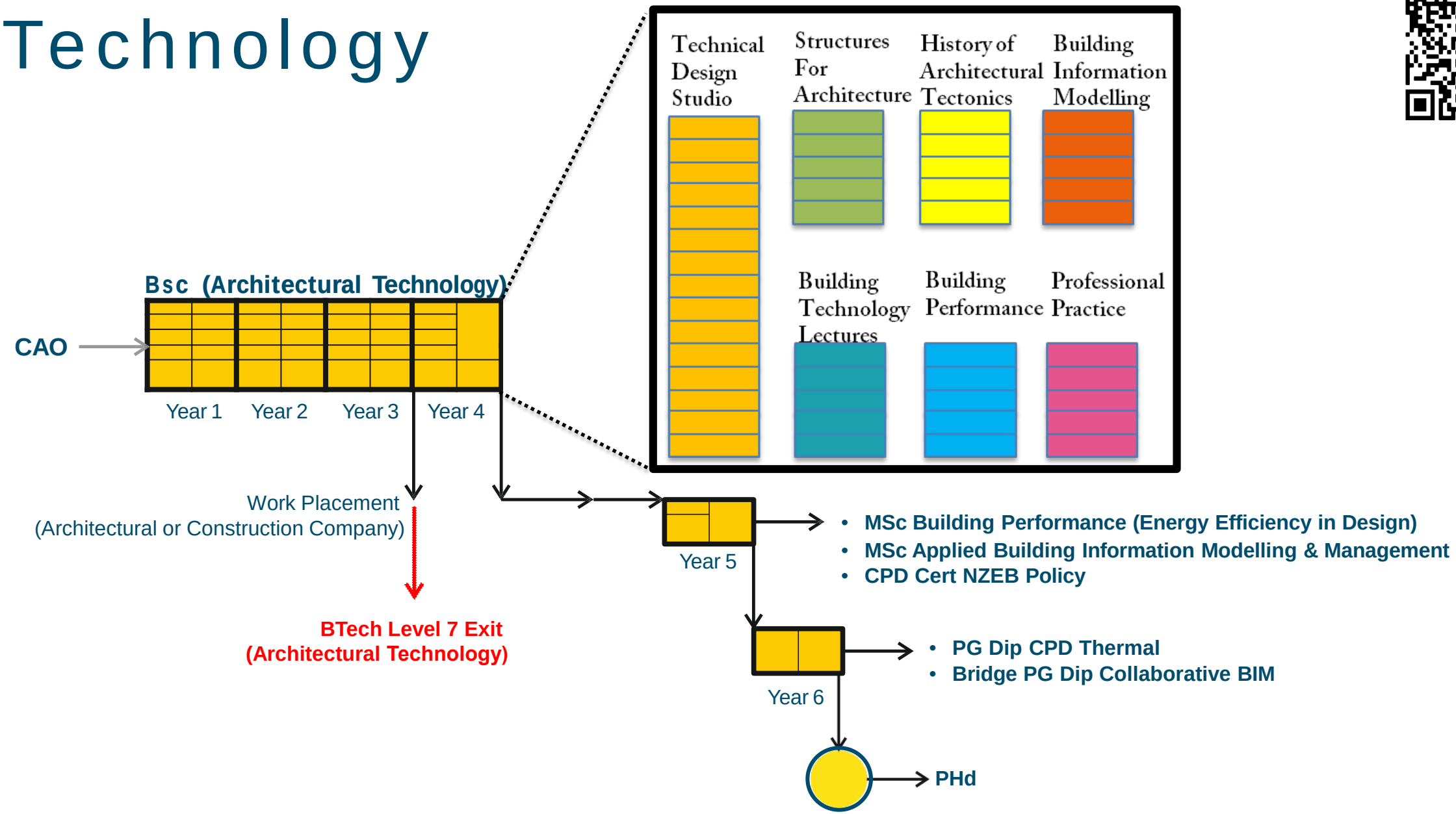
After The Big Rethink: Rethinking "Architectural Education" (2012) by Peter Buchanan Architectural Record September 2012

ARCHITECTURAL TECHNOLOGY IS THE SCIENCE OF SHELTER

How buildings work &
How buildings are made
How people work.....

How Buildings Work (2016) 1st Ed. By Huw M a Evans

TU831 BSc (Hons) Architectural Technology



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GROUP

TU831 BSc (Hons) Architectural Technology

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TU831 BSc (Hons) Architectural Technology

Some of our graduates – where are they now?

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TU831 BSc (Hons) Architectural Technology

Some of our graduates – where are they now?

Ryan Dempsey is an Architectural Technologist, winner of a WorldSkills Gold Medal and PhD candidate in TU Dublin

Emma Hayes is an Architectural Technologist and Managing Director of Digital Build Consultants

Shane Kearney is an Architectural Technologist and Associate with Henry J Lyons Architects

Davitt Lamon is an Architectural Technologist, Lecturer and PhD candidate in TU Dublin

Deborah Moynihan is an Architectural Technologist and Associate with RKD Architects

Bianca Wong is an Architectural Technologist and Divisional Sustainability Manger with Kingspan

See People / Alumni on the School of Architecture, Building and Environment website

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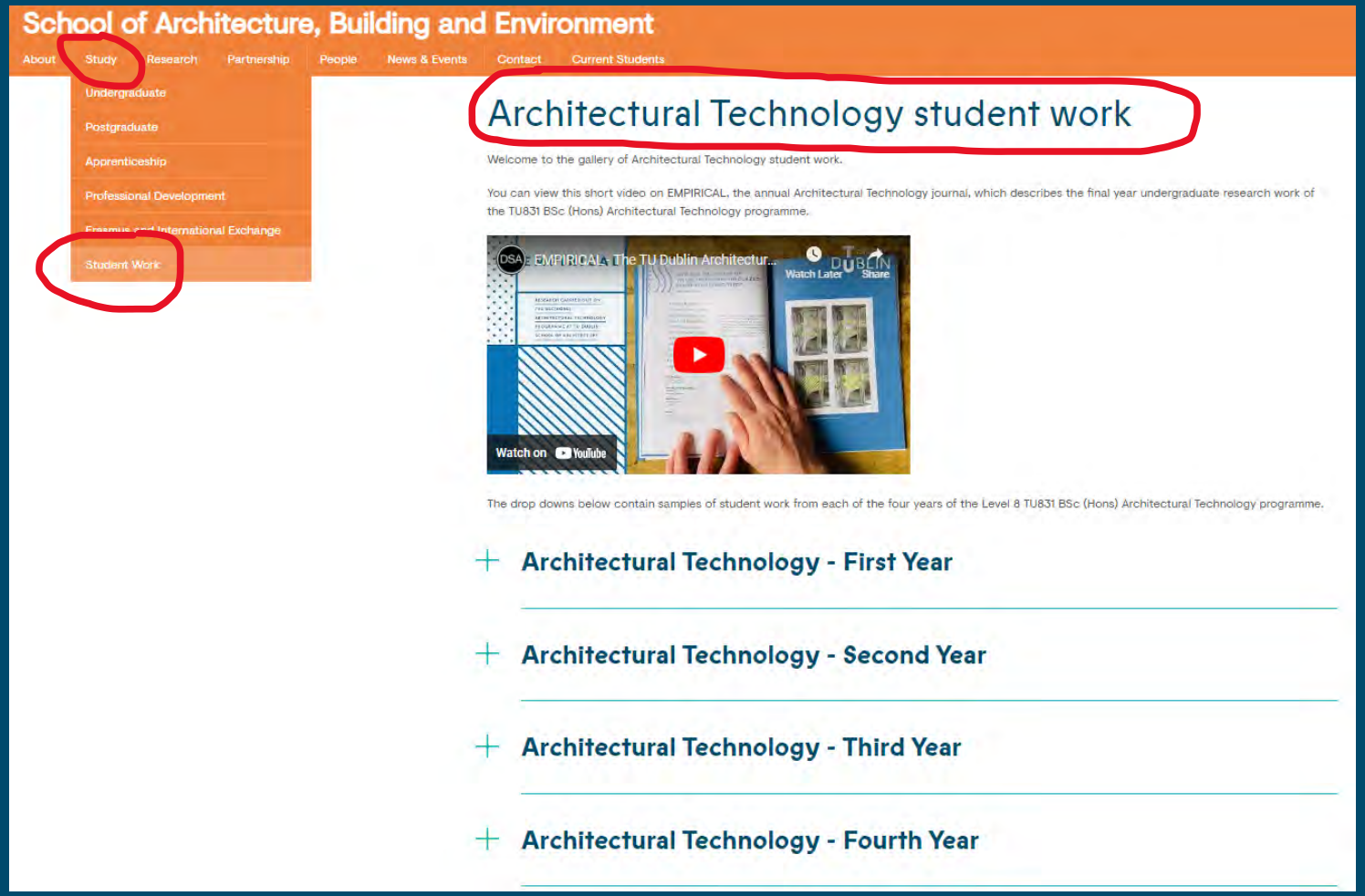
TECHNOLOGICAL UNIVERSITY DUBLIN

TU831 BSc (Hons) Architectural Technology



See Study / Student Work
on the School of Architecture, Building and Environment website

Architectural Technology is quite different to Architecture. The work is very technical. Make sure you know the difference.

Take some time to look at some of our student work on the School of Architecture, Building and Environment website.

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TU832 B Arch (Hons) Architecture

Employment	Globally recognised. Opportunities in Ireland, EU and internationally.
Professional Experience	Recommended 'Year Out' in Professional Practice between Years 3 and 4
Scholarships	Mont Kavanagh Morrison Seamus Barrett Scholarship
Awards	RIAI Sustainability Awards RIAI Student Excellence Awards IDI Graduate Awards
Accreditation	Royal Institute of the Architects of Ireland
Progression	Master of Architecture (transfer option after Year 4) Professional Diploma in Architectural Practice (Registration)

Full-time

Level 8

5 Years

2023 CAO Points: 645*

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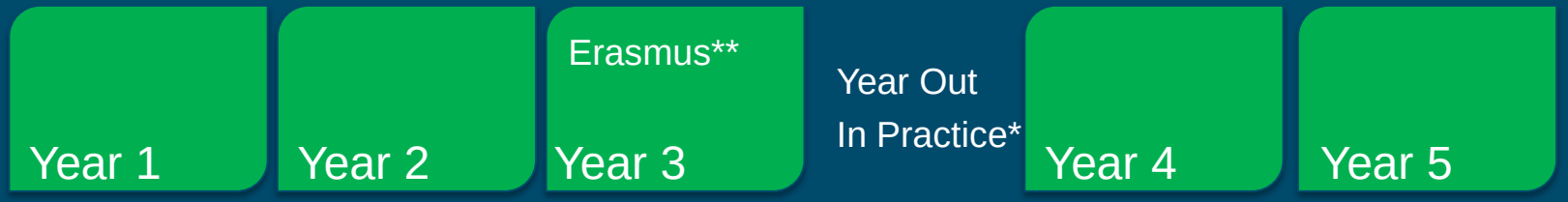
TECHNOLOGICAL UNIVERSITY DUBLIN

TU832 B Arch (Hons) Architecture

Programme Study Options



TU832 Bachelor of Architecture (Hons)

BSc Architecture (Hons) TU282 Master of Architecture

* Recommended Year Out working in Professional Practice between Year 3 and Year 4

** Erasmus Semester abroad in Year 3

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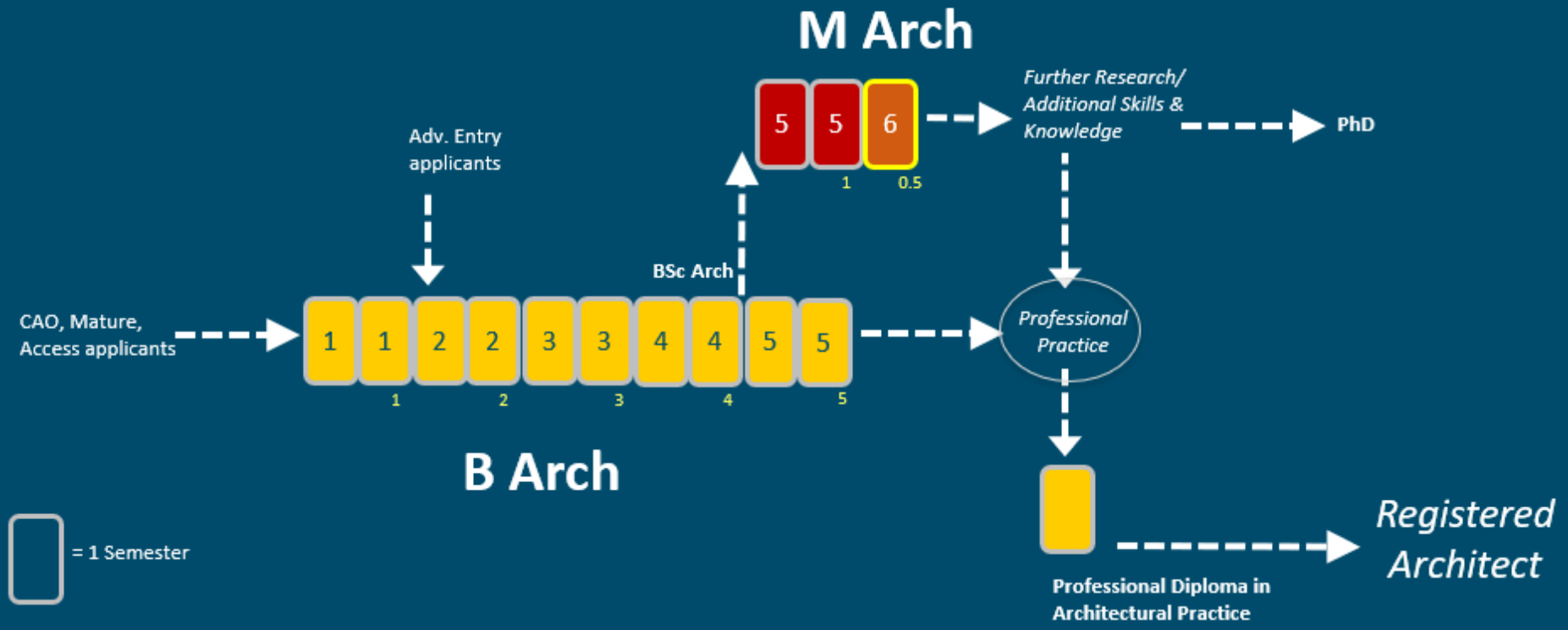
TU832 B Arch (Hons) Architecture

Programme Study Options

Progression Pathways & Flexibility



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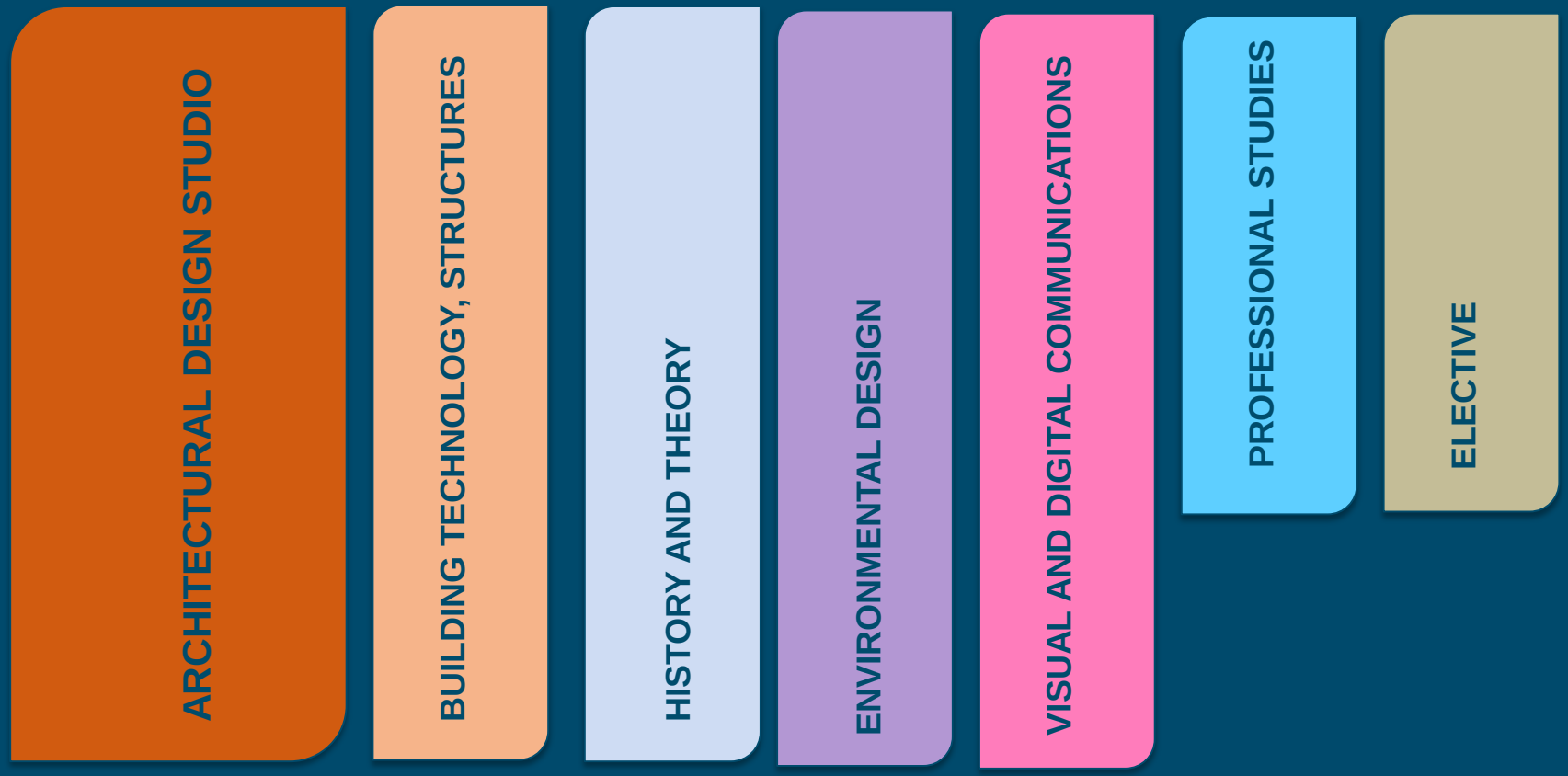
TU832 B Arch (Hons) Architecture



Current Curriculum

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TU832 B Arch (Hons) Architecture

BUILDING CHANGE
Designing A Resilient Future Through Architecture Education

- Building Change is a unique collaborative project led by **TU Dublin** and involving all six schools of architecture in Ireland – ATU, CCAE, SETU, TU Dublin, UL and UCD.
- This transformative project, funded by the Higher Education Authority of Ireland, is radically revising the curriculum for architecture education to empower future graduates with the knowledge, skills and mindset to address the sustainability challenges faced by society.
- The project focusses on building literacy around the UN SDGs, specifically Climate Action (SDG 13.3) and Affordable Sustainable Housing (SDG 11.1) as reflected in Irish government policies of Housing for All and national Climate Action Plan

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RIAI National Student Architecture Awards 2023
TU Dublin Architecture and Architectural Technology Students award winners in all categories
Daneisha Pile BArch - First Place in Student Excellence, Sustainability and Writing Prize

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TU831 BSc (Hons) Architecture

Some of our graduates – where are they now?

Alice Clarke

Co-founder Both/And Group landscape and architecture practice.

Jeana Gearty

Director O'Donnell & Tuomey

Ronan Lonergan

Senior Technical Advisor, Cairn Homes

Nicola Ryan

Director Studio Red Architects

Darragh Breathnach

Director of DUA Architects, Lecturer TU Dublin

See People / Alumni on the School of Architecture, Building and Environment website

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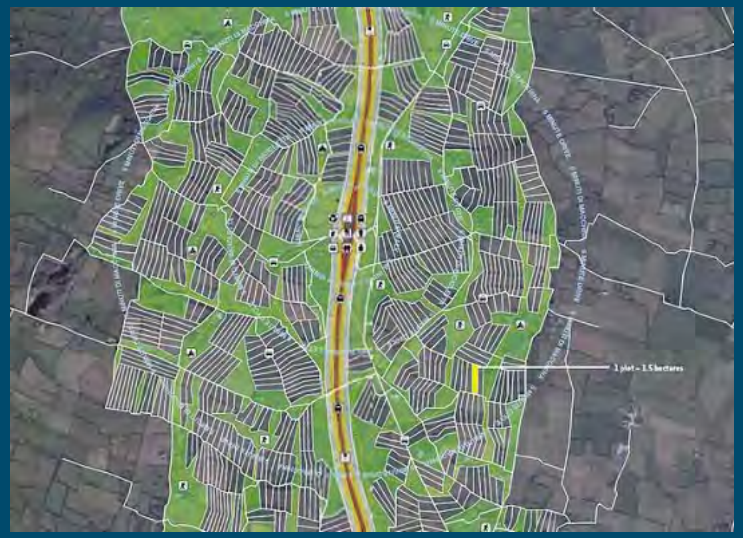
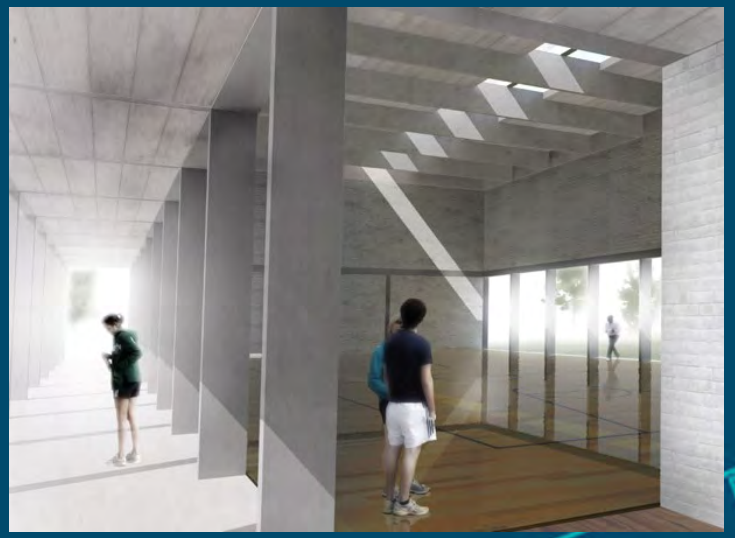
What does an Architect do?

- Engages with the world creatively
- Works in multi-disciplinary teams
- Informed construction & materials
- Designs buildings
- Communicates visually
- Designs spaces for people
- Explores the context
- Addresses environmental issues





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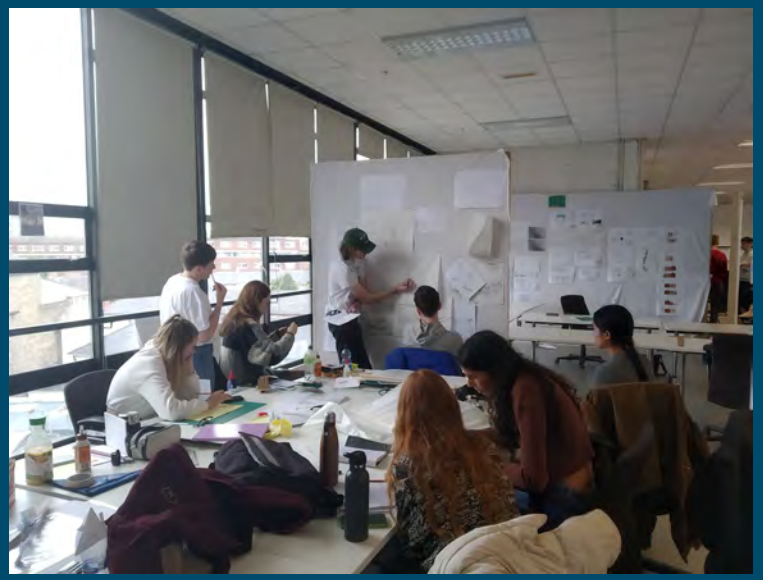

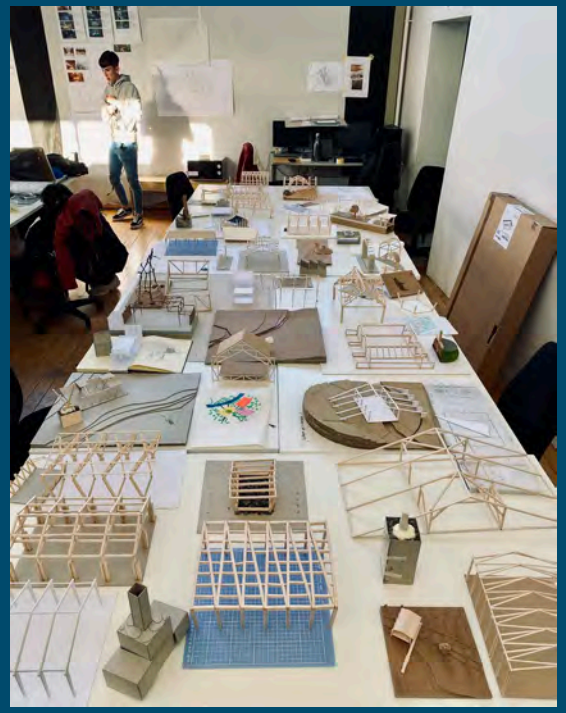

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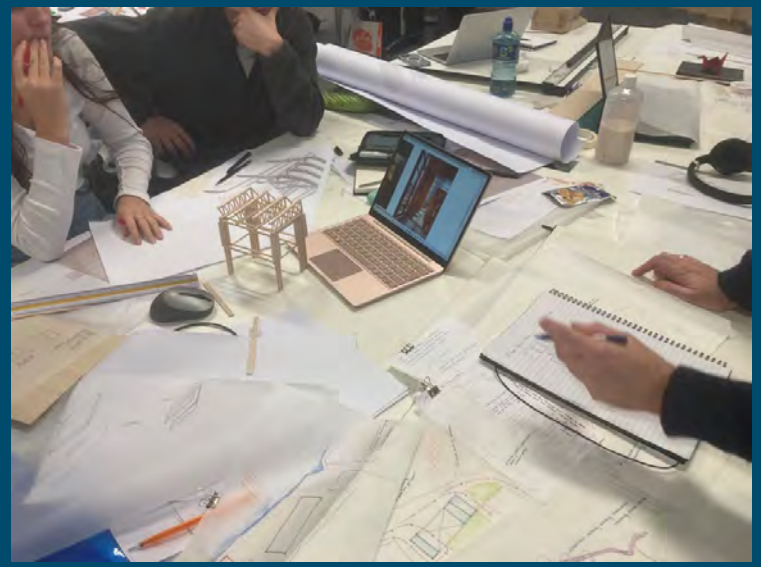

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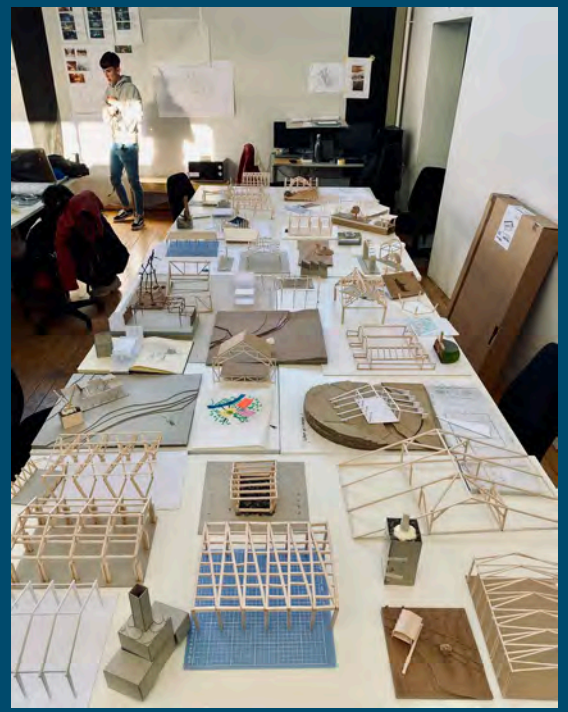

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First Year: What to expect

- Independent thinking

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First Year: What to expect

Drawing

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First Year: What to expect

Model making

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First Year: What to expect

Researching, Building, Testing

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First Year: What to expect

Team work

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First Year: What to expect

Learning through doing

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Admissions Process

Suitability test		Interview		Leaving Certificate		CAO
Max **100**	+	Max **100**	+	Max **625**	=	Max **825**

SUITABILITY TEST = max 100 points

INTERVIEW w/ PORTFOLIO = max 100 points

LEAVING CERT POINTS = circa 500

CAO Entry Points **2023 = 645**

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Admissions Process

Suitability Test

Online, Easter 2024

- 1. Written Statement
- 2. Drawing Exercise – creativity & imagination
- 3. Drawing Exercise – scale, proportion, form, visual awareness

Max 100 points

Interview with Portfolio

May 2024

- Interview with two SABE lecturers
- Mandatory Portfolio – digital presentation
- Interest in architecture and built environment, demonstrate visual awareness and imagination, motivation to study architecture

Max 100 points

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Suitability test

Instructions will be emailed to all CAO applicants by **w/c 25th March** (Spring Break/Easter Holidays).

A temporary TU Dublin email address will be provided with instructions on how to set it up.

The Suitability Test will be issued to your temporary TU Dublin email address **by Tuesday 2nd April.**

The deadline for completion of the test will be Friday 5th April.

Results of the Suitability Test will be issued by end April.

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Online Interview with Portfolio

Online Interviews will take place from **6th May to 17th May**

You will be issued with your interview time and online meeting link approximately a week in advance

Two Staff Members will conduct the interview

The interview will last no more than 20 minutes

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Online Interview with Portfolio

Prepare your portfolio in advance using Powerpoint or similar presentation software. Select 10-20 of your best pieces of work.

Practice presenting and screensharing the portfolio in advance. On the day of the interview ensure you have reliable internet connection.

During the interview the interviewers will ask you about:

- The work you selected to present.
- Motivation and interest in architecture.
- Favourite buildings and places. And why?
- Creative hobbies and/or extra curricular activities.

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Interview with Portfolio - Video

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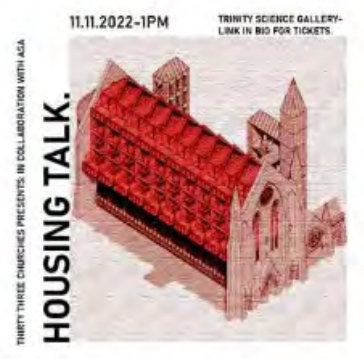
64 posts 1,179 followers 855 following

ASA
Architectural Student Association
SABE TUDublin Linenhall
v bio links
linktr.ee/asa_tudublin

Events 22/23 | Christmas Day | Lectures 22/23 | Team 22/23 | Show 21/22 | Ball 21/22

POSTS TAGGED



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Opportunity	Study at another European institution
Location	250+ institutions in 21 countries
Duration	One semester or full academic year
Options	Study visit or work placement
Recognition	European Credit Transfer System (ECTS)

School of Architecture, Building and Environment

About | Study | Research | Partnership | People | News & Events | Contact | Current Students

WELCOME

The School of Architecture, Building and Environment provides academic leadership in the sustainable development of buildings, places and environments and the protection and conservation of natural environments across communities, the professions, the environment and society.

Study

Find out about the undergraduate, postgraduate, professional development and apprenticeship programmes offered by the School of Architecture, Building and Environment

Find out more

Research

The School of Architecture, Building and Environment is research active across all its disciplines. Find out more about our research acitivites.

Find out more

Disciplines

The School of Architecture, Building and Environment comprises the four disciplines of Architectural Technologies, Architecture, Building Performance & Construction and Environment & Planning. Find out more.

Find out more

See the School of Architecture, Building and Environment website

School of Architecture, Building and Environment

Thank you, any questions?

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