UTS

**Bachelor of Creative
Intelligence & Innovation (BCII)**
Industry Innovation Projects 2020

unique

The Bachelor of Creative Intelligence and Innovation (BCII) is a world-first, transdisciplinary combined degree. Radical in its ambition, it combines students from 25 of the University of Technology Sydney's core degrees in a future-oriented, industry-engaged curriculum.

Transdisciplinary Innovation

ABOUT FTDI

An Australian first, the Faculty of Transdisciplinary Innovation (FTDi) offers degrees that encompass high-level critical and creative thinking, problem-solving, data and digital technologies, invention, complexity, innovation, future scenario building and entrepreneurship.

WHAT IS TRANSDISCIPLINARITY?

Transdisciplinary approaches allow us to bring together our spheres of knowledge to tackle the complex, dynamic, networked nature of today's problems. We've designed this non-traditional university experience to meet the requirements of the future workplace; defining, educating and unleashing a brand-new style of graduate out into the world. This is Transdisciplinary Innovation – the future of university as we know it – and it's a unique contribution of the University of Technology Sydney.

"Thinking about BCII kept me awake at night – as a highly curious person, I was driven to this degree because it became a structured, expressive outlet for my questioning and thoughts. The thing I was certain about was that my education had to be different."

DOMINICA INGUI
Senior Experience and
Collaboration Designer, PwC
FTDi/BCII Alumni

Combined

Bachelor of Creative Intelligence and Innovation

Bachelor of Advanced Science

Bachelor of Biomedical Physics

Bachelor of Business

Bachelor of Communication (Creative Writing)

Bachelor of Communication (Digital and Social Media)

Bachelor of Communication (Journalism)

Bachelor of Communication (Media Arts and Production)

Bachelor of Communication (Public Communication)

Bachelor of Communication (Social and Political Sciences)

Bachelor of Design in Animation

Bachelor of Design in Architecture

Bachelor of Design in Fashion and Textiles

Bachelor of Design in Product Design

Bachelor of Design in Interior Architecture

Bachelor of Design in Visual Communication

Bachelor of Engineering (Honours)

Bachelor of Forensic Science

Bachelor of Laws

Bachelor of Management

Bachelor of Medicinal Chemistry

Bachelor of Midwifery

Bachelor of Nursing

Bachelor of Science

Bachelor of Science in Information Technology

Bachelor of Sport and Exercise Science

Degrees

BCII Course Structure

Year 1						
Autumn	Core degree	Core degree	Core degree	Core degree	**Winter**	81511 Problems to Possibilities
Spring	Core degree	Core degree	Core degree	Core degree	**Summer**	81512 Creative Practice and Methods
Year 2						
Autumn	Core degree	Core degree	Core degree	Elective	**Winter**	81513 Past, Present and Future of Innovation
Spring	Core degree	Core degree	Core degree	Elective	**Summer**	81514 Creativitiy and Complexity
Year 3						
Autumn	Core degree	Core degree	Core degree	Elective	**Winter**	81515 Leading innovation
Spring	Core degree	Core degree	Core degree	Elective	**Summer**	81516 Initiatives and Entrepreneurship 81522 Innovation internship A
Year 4 (BCII)						
Autumn	81531 Industry innovation project	Choose from one of the following: 81521 Envisioning Futures 81528 New Knowledge Making lab				
Winter	Choose from one of the following: 81541 Research Proposal 81523 Speculative Start-Up 81525 Innovation Internship B					
Spring	81524 Professional Practice at the Cutting Edge	Choose from one of the following: 81532 Creative Intelligence Capstone 81542 (Honours students) Research Project 1				

"In the BCII fourth year we've created a rich and porous environment for you to fly a kite, run an ambitious change-making initiative, or transform an entire industry! We hope you're going to love working with our talented students as much as we do – and we hope you'll also make the most of our amazing staff, practiced in creative fields and experts in their disciplines, to take your projects to the greatest heights."

DR BEM LE HUNTE
Course Director BCII

Build something valuable and forge the future

Industry Innovation Projects

In their fourth year of study, BCII students participate in an Industry Innovation Project, taking the skills they have learnt over three years and applying them to a real-world challenge.

Over one semester, students work in small transdisciplinary teams (up to 6 students with differing core degrees), to collaboratively develop ideas and strategies that tackle the complex challenges brought to us by partners. This occurs in three project phases.

PHASE 1
EXPLORATION & GENERATION
Understanding the challenge presented and exploring the problem space. During this phase, teams will work towards reframing the challenge and brief.

PHASE 2
REFRAMINING & ADAPTION
Checking in with Industry Partner and teaching staff. Students will present a reframed brief to the partner for feedback and together they agree on a plan for the realisation of the project.

PHASE 3
REALISATION & REFINEMENT
Experimenting, adapting and analysing through iterative cycles. This final phase sees students work toward proof of concept and present their solution to their Industry Partner, peers and UTS in a final presentation session.

You may have a project that's ripe for collaborative thinking or intense research, an unexplored opportunity or challenge, an idea that needs its commercial benefit explored or a plan to transform the innovative capacity of your staff. Whatever it is – you have the chance to have your complex challenge or incredible opportunity explored by a group of engaged and talented students.

What's in it for partners?

Be part of a world first global award-winning degree for UTS

BCII has won:

2019 BHERT Award, for Outstanding Collaboration in Higher Education and Training in the category of 'Industry Problem Solving'

Bronze Award at the third annual **Reimagine Education Awards** in Philadelphia, "Oscars of Higher Education" in the category for innovative classroom-based pedagogy resulting in enhanced student learning

Provide your staff with a rewarding **mentoring opportunity**

Meet and get to know some of UTS's **best and brightest talent**

Delve into a complex challenge your organisation faces with a team of **bright, unencumbered, innovation-focused millennials**

Work with students whose education has defied silos – and who can surprise you with their confidence to lead innovative processes

Embark on a journey of mutual learning with students who are adept at **creative practices and methods** from across the disciplines

Benefit from rich university resources, including access to an exclusive online Partner Resource Hub

Receive input from **academic experts** supervising your organisation's project and attend **exclusive FTDi Industry events**

Work with young and enthusiastic transdisciplinary practitioners with a broad skill set

BCII has students from 25 leading degrees across all UTS faculties (Business, Law, Design, Architecture, Communication, Health, Sciences, Engineering and IT)

What's involved

We are seeking partners who are ready to co-create an experience with us that compliments the students' academic learning and contributes to a well-rounded final year of study.

The time commitment will be a minimum of 2-3 hrs per week from a dedicated Industry mentor (over 12 weeks). Mentors will need to engage in weekly meetings with the team, and be willing to answer queries from students at other times.

Throughout the semester the Faculty runs a number of Transdisciplinary Innovation Community Sessions that partners are welcome to join, as well as final presentations and showcases.

"Working with our BCII Industry Innovation team was a real joy. It was a great way for us to get fresh, enthusiastic and smart eyes on our challenges and for them to have the space to really grapple with complexity. I'd happily recommend to any company looking for new perspectives and provocation."

DOUGLAS NASH
GM Product Management at Breville Australia

TIMELINE 2020 INDUSTRY INNOVATION PROJECTS					
Once per week throughout Semester	**Thurs 12th March 2020**	**Thurs 2nd April 2020**	**27th April – 1st May 2020**	**Thurs 14th May 2020**	**Thurs 18th June 2020**
We encourage partners to have students at their workplace one day a week throughout the Industry Innovation Project	**START DATE** **9.30am–12pm** Partner Welcome Event	**10am–12pm** Transdisciplinary Innovation Community Session 1 (optional but attendance encouraged)	Mid-Point Check-In This happens at your organisation and is followed by a check-in between the Partner and the team's tutor.	**10am–12pm** Transdisciplinary Innovation Community Session 2 (optional but attendance encouraged)	**9am–1pm** Final Presentations 45min assessment slot (timing TBC) + general debrief with team. **FINISH DATE**

2019 Partners

Accenture, Aurecon, batyr Australia, Black Dog Institute, Breville, Centre for Inclusive Design, CBA Innovation Lab, Department of Defence, Grumpy Sailor Creative, HKA Global, KJA, Lendlease, Lightbulb Collaborative Design, MARS Australia, National Heart Foundation of Australia, PwC DigiTech, PwC The Difference, Royal Australian Air Force, Suncorp, Sydney Metro, The Works Sydney, WWF Australia, Your 100-Year Life, V2Food.

Click here to submit your 2020 EOI

Or contact the team for further information

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