

PEMBROKE COLLEGE
University of Cambridge



PETERHOUSE
UNIVERSITY OF CAMBRIDGE



St John's College
University of Cambridge



Sidney Sussex College
University of Cambridge



DOWNING
COLLEGE
CAMBRIDGE

SUBJECT SESSION:

Architecture & Design

Dr Darshil Shah

Associate Professor & Director of Undergraduate Admissions, Dept of Architecture

Fellow in Architecture & Design, St John's College



UNIVERSITY OF
CAMBRIDGE

Isaac
Newton
Trust

Why study Architecture or Design?

- Entry into an exciting career in design
- Combines creativity, humanities and sciences
- Addresses some of the central global challenges we face today



The Courses

- **BA in Architecture**
 - Part 1 RIBA/ARB accredited
- **MDes Integrated Masters in Design**
 - Brand new course
 - Seeking Part I RIBA/ARB and CEng accreditation
- MArch Architecture
- MSt Apprenticeship in Architecture
- MPhil in Architecture and Urban Studies
- PhD (Doctorate) in Architecture



Course structure

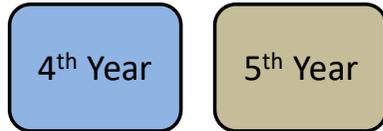
Bachelor of Arts in Architecture BA (Hons)

RIBA/ARB Part 1

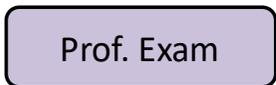


Master of Architecture (MArch)

RIBA/ARB Part 2

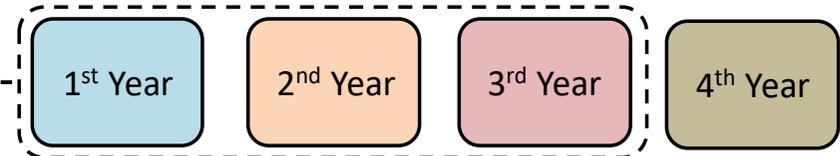


RIBA/ARB Part 3

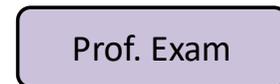
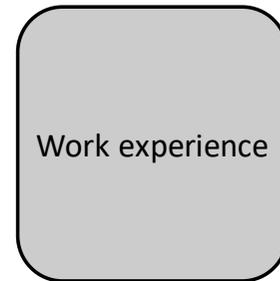


Chartered Architect

Master of Design



BA Design



Chartered Engineer

How we teach

- **Studio**
- Heart of our teaching
- Weekly 1:1 **Design Tutorials**
- **Site visits**
- 2 full days a week



How we teach

- Lectures
- Seminars and Workshops
- Weekly small-group Supervisions
- 3 days a week in the mornings



BA (Hons) Architecture

1st Year

1. Professional Skills I

2. History/Theory Pre-1800

3. History/Theory Post-1800

4. Materials & Fabrication

5. Form & Forces

6. Environmental Design

Studio

50%

50%

2nd Year

1. Professional Skills II

2. History/Theory (M)

3. History/Theory (L)

4. Materials & Fabrication

5. Form & Forces

6. Environmental Design

Studio

3rd Year

1. Professional Skills III

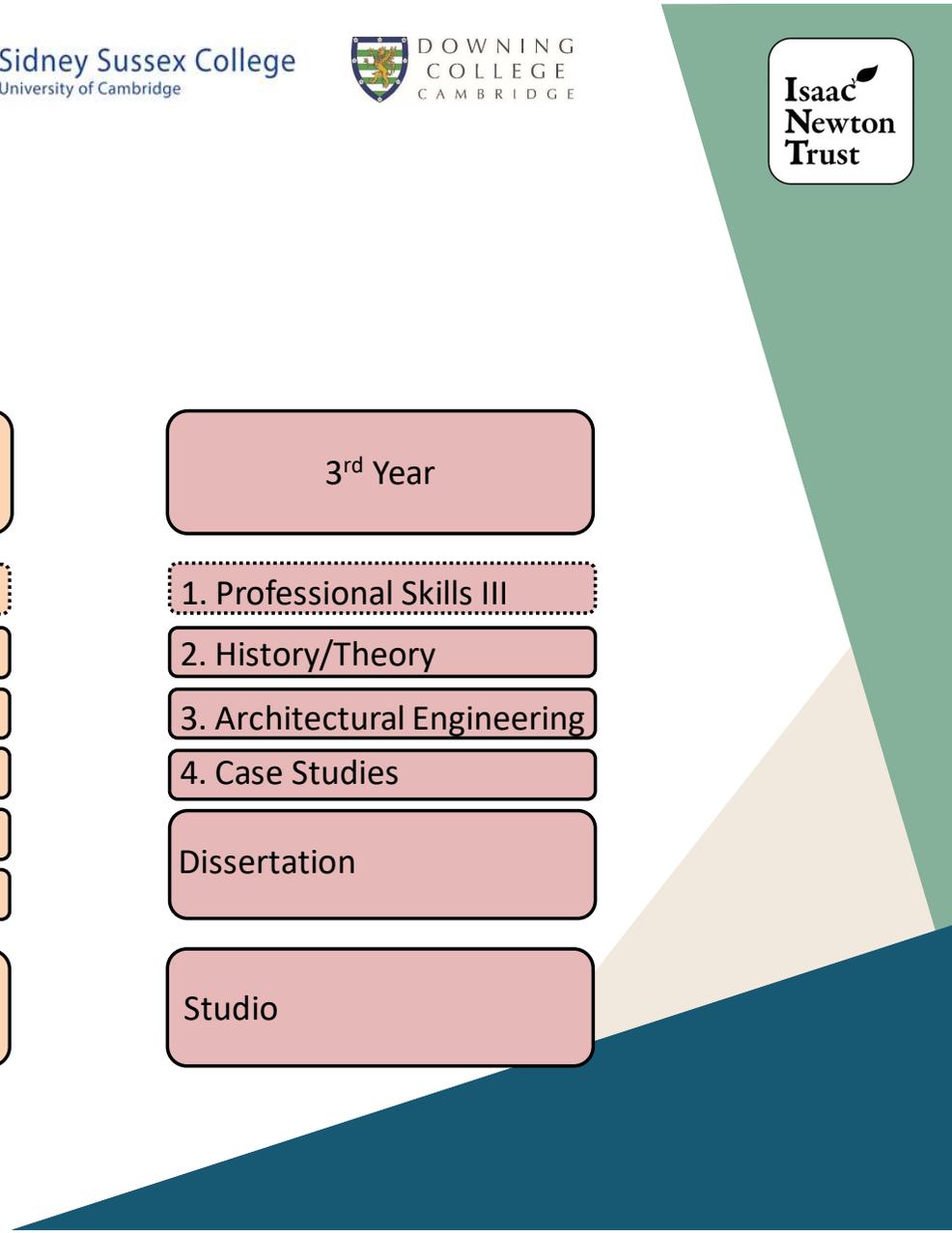
2. History/Theory

3. Architectural Engineering

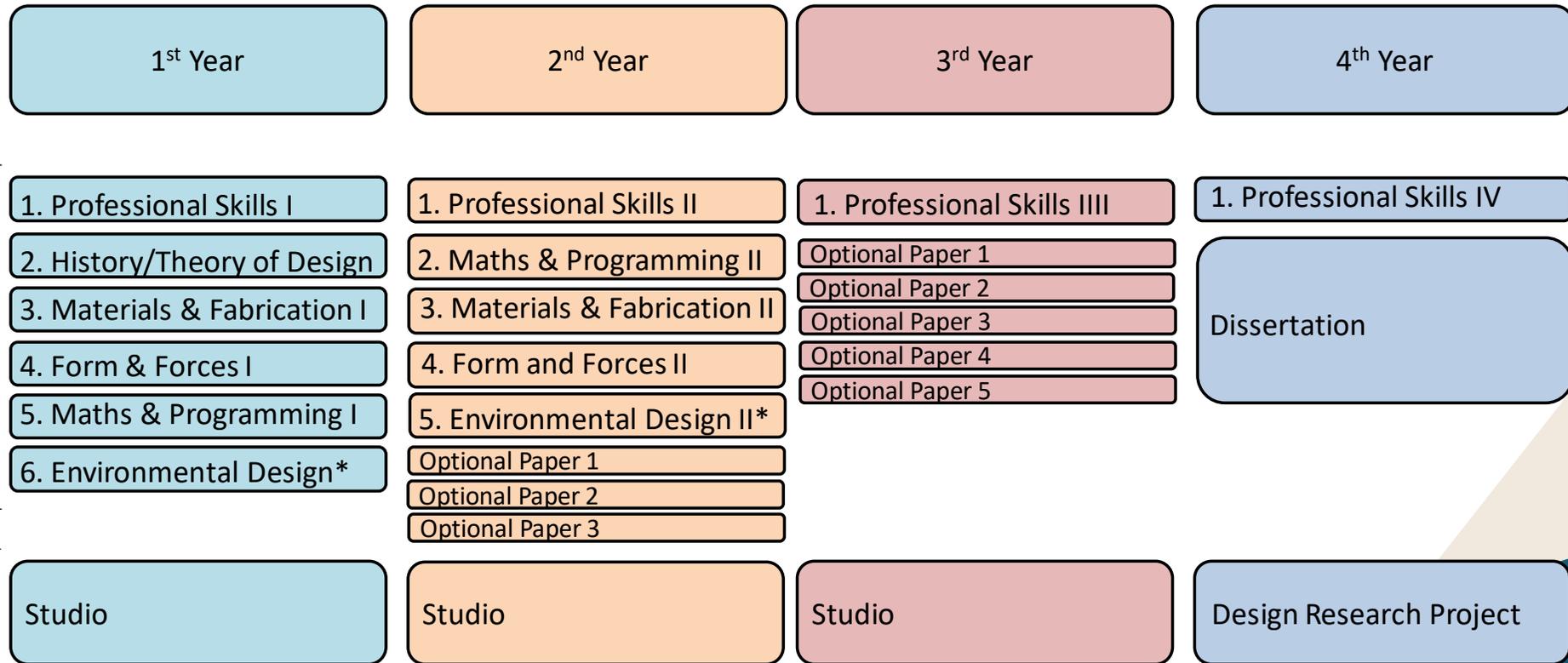
4. Case Studies

Dissertation

Studio



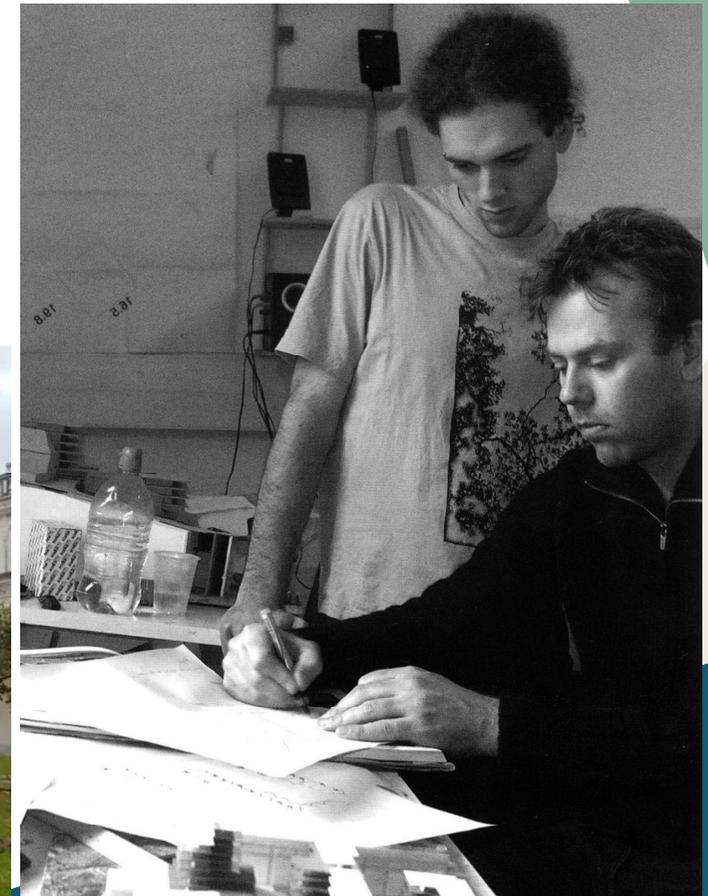
MDes Design



*under review

Learning by doing

- Professional skills
- Drawing and making
- First-year paid research trip to Europe
- Final-year dissertation



Facilities

- Digital Fabrication Lab
- Library and Rare books collection
- Printing & Reprographics
- Free materials provided
- CAD Software & Creative suite provided
- Access to wider University Facilities

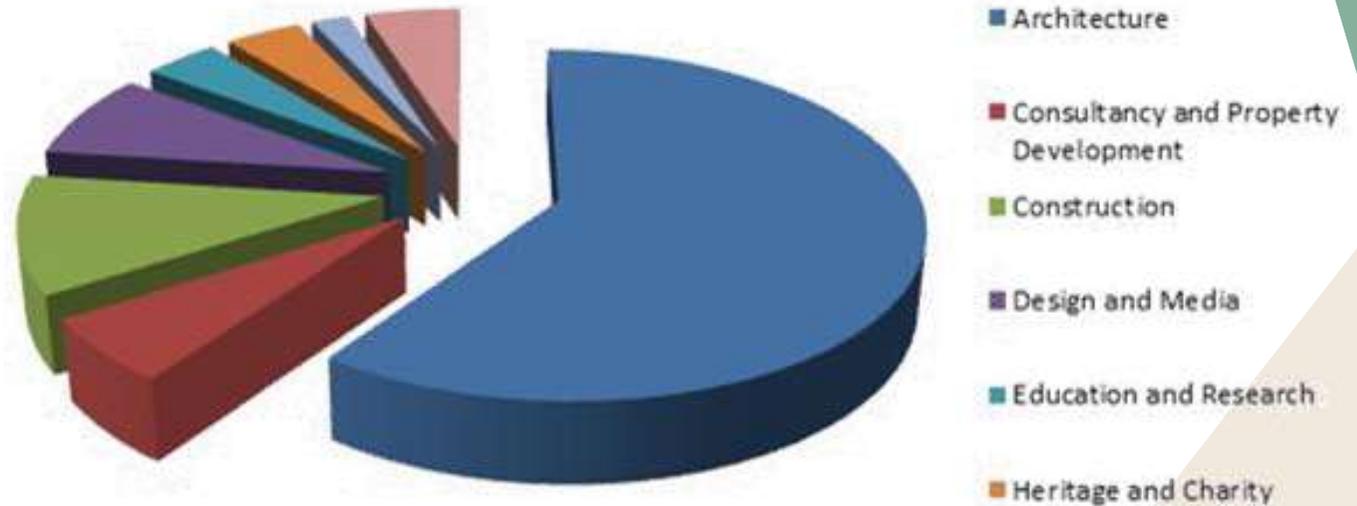


After Cambridge

- Careers Days
- Careers Service
- Placements

- Postgrad Courses

- Transferable skills:
 - Presentation & Writing
 - Numeracy
 - Critical thinking
 - Creativity
 - *Polymath*



Applying to Cambridge

Entry Requirements

- For BA Architecture: A*AA (any subjects)
- For Design: A*AA, with A* in Maths

- Students often do Maths, Art and Physics
- An essay subject can be useful

Two things are critical in application:

- Enthusiasm for architecture/design
- Portfolio



Enthusiasm

- Students who can show ability and enthusiasm
- How do I show enthusiasm?
 - Read and research
 - Visit and observe
 - Draw and sketch
 - Reflect and think
- Want to apply creativity through architecture/design



Portfolio

- Mix of Media (2D and 3D) and Techniques
- Range of themes, interests and thought processes
- Experimentation & testing of ideas
- Include preparatory and development work
- Not just what you produce for your Art/DT class
- Architectural design not required

- 6-page PDF at application
 - But 20-30 pieces at interview
 - Keep sketchbook next to you
- Arrange it in the right order
- 10-15 minutes to present at interview
- Practice talking through it!

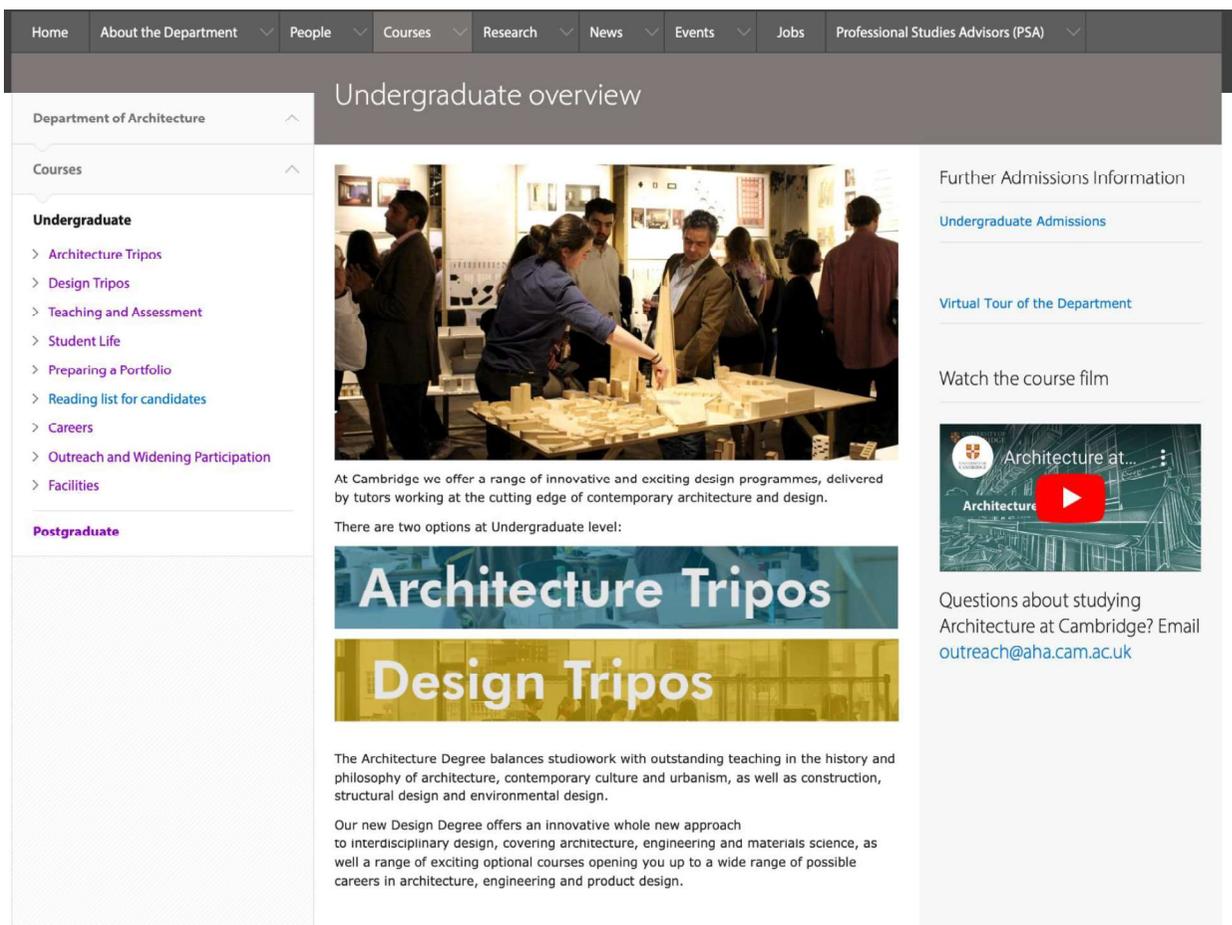


Interview

- A total of 30-50min interview
 - Can be 1 or 2 interviews
 - Typically, with at least two people
 - Pre-interview exercise (drawing, writing)
- Question on Enthusiasm
- Questions on personal statement*
- Questions on pre-interview exercise
- At-interview test (drawing, image comprehension)
- Portfolio presentation and discussion
- We don't expect particular or in-depth knowledge but we do expect you to be enthusiastic about the subject and to be able to talk about it



Visit our website



Home About the Department People Courses Research News Events Jobs Professional Studies Advisors (PSA)

Undergraduate overview

Department of Architecture

Courses

Undergraduate

- > Architecture Tripos
- > Design Tripos
- > Teaching and Assessment
- > Student Life
- > Preparing a Portfolio
- > Reading list for candidates
- > Careers
- > Outreach and Widening Participation
- > Facilities

Postgraduate

Further Admissions Information

- [Undergraduate Admissions](#)
- [Virtual Tour of the Department](#)

Watch the course film

Architecture at... Architecture

Questions about studying Architecture at Cambridge? Email outreach@aha.cam.ac.uk

At Cambridge we offer a range of innovative and exciting design programmes, delivered by tutors working at the cutting edge of contemporary architecture and design.

There are two options at Undergraduate level:

Architecture Tripos

Design Tripos

The Architecture Degree balances studio work with outstanding teaching in the history and philosophy of architecture, contemporary culture and urbanism, as well as construction, structural design and environmental design.

Our new Design Degree offers an innovative whole new approach to interdisciplinary design, covering architecture, engineering and materials science, as well as a range of exciting optional courses opening you up to a wide range of possible careers in architecture, engineering and product design.

THANK YOU

ANY QUESTIONS?

 Downing College: admissions@dow.cam.ac.uk

 Pembroke College: adm@pem.cam.ac.uk

 Peterhouse: admissions@pet.cam.ac.uk

 St John's College: admissions@joh.cam.ac.uk

 Sidney Sussex College: admissions@sid.cam.ac.uk

Time	Park Suite	Premier Suite	Lancaster Suite	Horseshoe Suite	Whittle Suite	Leverhulme Suite	Jubilee Suite	Davies Suite	Sprint Cup Bar Area	Sports Hall Area
10:00-11:00	Making a Competitive Application	Making a Competitive Application	Making a Competitive Application				Teachers and HE Advisors: Updates			
11:05-12:05	Finance and Careers	Medicine and Veterinary Medicine	Computer Science	Geography	The Student Experience	MML, AMES, History and Modern Languages, Linguistics	Teachers and HE Advisors: Admissions	Teachers and Advisors Lounge	Student Lounge	Information Stands with Cambridge academics, Admissions tutors and staff, and current students.
12:10-13:10	Interviews (Arts)	Natural Sciences	Maths	The Student Experience	Psychological & Behavioural Sciences	Teachers and HE Advisors: Assessments	Teachers and HE Advisors: References	Please feel free to come and use this space at lunch, or in between sessions you wish to attend.	Please feel free to come and use this space at lunch, or in between sessions you wish to attend.	Come and chat to us to ask any questions you may have about the Cambridge courses, applying, or being an undergraduate student with us.
13:15-14:15	Interviews (Maths and Sciences)	Human, Social, and Political Sciences	Law	English	History; History and Politics; History and Modern Languages	Architecture; Design	Teachers and HE Advisors: Mock interview (Sciences)			
14:20-15:20	The Student Experience	Engineering; Chemical Engineering	Economics; Land Economy	Finance and Careers	Finance and Careers	Archaeology; ASNC; Classics	Teachers and HE Advisors: Mock interview (Arts)			