

IBA[S]

INSTITUTE OF BERMUDA ARCHITECTS (STUDENT CHAPTER)



becoming an
architect.



Welcome!

We're so excited that you're interested in a career in architecture, and we want to make sure you know what's ahead. Keep reading to find out more about selecting a school, becoming registered and getting a job.

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The Student Chapter of the Institute of Bermuda Architects was founded in 2008 and aims at bringing together current and prospective architecture students to celebrate architecture and create a network of support between Bermudian students studying architecture around the world.

If you are on Facebook, join the group '**Bermudian Architecture Students**' for upcoming events and information from the IBA.

For questions, visit the IBA website, www.iba.bm, or email akulmala@dl.bm

Architecture + Architects

‘Architecture is the imaginative blend of art and science in the design of environments for people. - *archcareers.org*

The Architectural profession extends to all aspects of the **built environment** and is closely connected to several other professions, including urban design, planning, interior design, engineering and landscape architecture.

Architecture evolved as a response to a basic human need for shelter. Since then, it has provided humans with places for food, work and recreation. Architecture is successful or unsuccessful based on how well it meets the needs of the people who inhabit the space. Think of buildings you use everyday and whether they work as well as you need them to. Why do you enjoy being in some spaces more than others? That is where architecture truly becomes art.

Architecture is reliant on understanding of **form and proportion, use of natural and artificial light, and appropriate use of materials.** As you prepare for a career in architecture, take note of how these things are present in buildings and spaces around you.

What Architects actually do is quite different from the way Architecture is often portrayed. For most architects, the creative process is only a small portion of the day-to-day practice. Architects are also responsible for researching and ensuring that drawings meet local planning and building regulations, meeting with consultants, clients and contractors, producing construction documents, and performing site visits before and during construction.

While the architect strives to maintain design integrity, public safety is always the primary focus. In the U.S., Canada and Europe, architects must be licensed to practice, because they are responsible for the health, safety and welfare of the general public who inhabit their buildings.

Architects spend a great deal of time detailing aspects of their design to ensure public safety and comfort. These details, which often go unnoticed by the general public, are, nonetheless, an important part of the way buildings are perceived + experienced.

Portfolio



1 To get accepted into Architecture School

Typically will show hand drawing skills or drafting skills (if you have learned any yet). Include any creative projects.



2 To get accepted into a Graduate Program

A higher level of graphic presentation is expected. Portfolio will show a broad range of work, including conceptual sketches, physical models, computer generated 3D models, high level drafting skills.



3 To get a job

Show a broad range of work, but make sure to select images that show that you can create coherent, professional drawings. Be clear and concise and maintain a design aesthetic.

Portfolio

Your design portfolio is a graphic resume that shows schools and employers what type of work you are capable of producing.

Every aspect of the Portfolio is designed, and it should be a coherent book that is visually appealing and dynamic. Remember, every aspect of the portfolio is designed from the overall colour scheme right down to the font style and how you bind it.

Most schools require a design portfolio as part of an admissions package. Typically, they will request a standard size (such as 8 1/2 x 11") and all other decisions will be left up to you.

Your portfolio should contain only the very best samples of your work in a well organized, digital and printed booklet.

YOU



SCHOOL



U.S. + Canada

B.Arch
(5 Years)*

+

Internship
(varies)

+

Professional Examinations

BA + M.Arch
(5 - 6 Years)

**The 5 year accredited B.Arch Degree is being phased out by many schools and being replaced by a 4 year B.Arch + 1 year M. Arch.*

B.？ + M.Arch**
(7-8 Years)

*** A non-architecture Bachelor's Degree*

United Kingdom

Part 1

University undergraduate degree (e.g. BA or BSc)
(3 Yrs. School + 1 Year Work)

+

Part 2

University degree – varies by school e.g. BArch, Diploma, MArch
(2 Yrs. School + 1 Year Work min.)

+

Part 3

Professional Examination

School

The first step to becoming an architect is obtaining a professional degree from an accredited school.

If you are applying to Architecture schools the first and most important thing to note is whether the school is accredited. If you do not attend an accredited school, you will not be allowed to sit the licensing exams and become a registered architect. For a complete list of accredited programs in the U.S. and Canada, visit www.naab.org, and www.architecture.com, for the UK.

The chart to the left shows the typical routes for accreditation in the U.S., Canada and the UK. Notice that all programs involve a period of Schooling, followed by Internship and completed with Professional Examination.

The United States is moving toward a 4+1 system where a four-year Bachelor of Architecture degree will be followed by a one-year Master of Architecture (Professional degree). If you obtain a Bachelor's degree in a field other than architecture, the Master of Architecture will take 4 - 5 years to complete.

What should you do now?

If you...

... Are interested in Architecture but are not sure it's for you:

- contact the IBA and ask if you can shadow a firm for a day and find out exactly what they do. Or find a firm you like and contact them directly to ask if you can come in and discuss architecture with them.

... Have been accepted to an Architectural program:

- contact the IBA and ask if they can put you in touch with a student that is already studying Architecture. Also, join our group on Facebook and contact akulmala@dl.bm about joining the student mailing list!

... Want to attend Bermuda College for a year so you can save money before going to school.

- take as many drawing and art classes as possible so that you can have a solid portfolio before you apply to schools next year. You can also take math and science classes, but beware that these credits may not transfer when you go to school abroad.

What's Architecture School Like?

As you probably guessed, **Architecture classes are a little different from regular University courses.** Your core classes will be Architecture based and you will take several semesters of Architectural History as well as various drawing classes throughout your architectural education. However you will also have to take some level of Math, Science and English classes in your first couple of years. Around Junior year, your classes will be primarily composed of Architecture classes and you will be working long hours in the Design Studio.

Studio is the place where you will surely find any Architecture student at various hours of the day and night. You will be working on design solutions at studio and building physical models, as well as preparing hand and computer drawings. While your friends in other majors are typing 10-page papers in the Library, you will be designing a masterpiece in studio and seeing it come to life right before your eyes.

The **camaraderie** among architecture students is very high because of the nature of the design studio. Working among your peers sparks creative discussion and helps you create better projects.

YOU



Architecture
Degree



Internship
with licensed
architect



Registration
Exams



ARCHITECT



Career in other
design-related
field

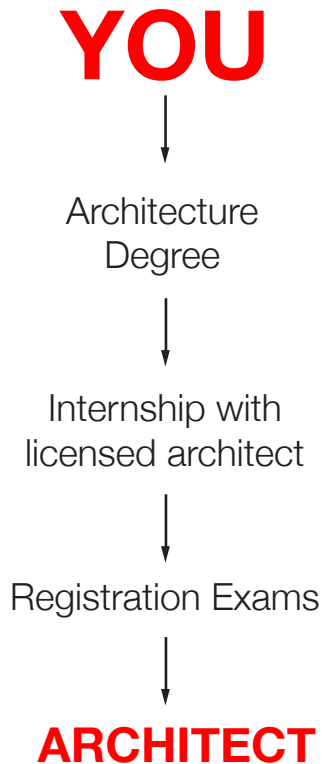
Career Opportunities

A degree in Architecture opens many doors and creates sometimes surprising career opportunities.

Above all, Architecture is a design profession. This means that a degree in Architecture opens the door to many other fields of design. In your studies, you may come to realize that you really enjoy 3D modelling or creating presentation boards. You may choose to work in graphic design or even use your skills for computer and video graphics.

If you complete your degree and decide that you still want to pursue a career as an architect, you may consider what type of firm you want to work for. Architectural firms range in size from 1 person offices to those that employ thousands of people. Also, the range of work that architects perform varies greatly from firm to firm, with some specializing in residential construction, and others focusing on large scale developments. You should explore firms of different sizes and specialties to find what suits you best.

Utilise your Internship to find define your career goals and develop your own architectural style.



Registration + Licensing

After graduation, you must decide if you want to pursue registration, so that you can practice professionally.

If you do not get registered you may not use the term “architect” to describe yourself or proclaim to offer any “architectural” services. You may, however, work under the supervision of a registered architect and be called a designer or project manager.

You must complete a required number of credits as an intern before you can apply to take the registration exams. In the United States, you will sign up with the National Council of Architectural Registration Boards (NCARB) and establish an Intern Record, where you will log hours as you accumulate them. This period can take anywhere from 3 - 5 years.

Previously, students could not begin accumulating hours until after graduation. However, recently NCARB began allowing schools with Cooperative education programs to start logging hours after completion of Junior Year. This means that, if you attend a school with an Intern Program as part of the curriculum, you may be eligible to begin logging hours BEFORE you graduate!



The IBA

‘The Institute of Bermuda Architects is the collective voice of registered architects in Bermuda, and a Registered Charity.’

The IBA provides information and resources for registered architects, design associates and student members. Comprised of approximately 57 architects and 125 allied designers and support staff, the IBA is the largest network of design professionals in Bermuda.

The IBA actively encourages Bermudian students who wish to enter the architectural profession, and has long offered a scholarship for aspiring architectural students - recently renamed the Stanley G Kennedy Scholarship - and administers a second scholarship for local architectural students on behalf of the Lepercq Foundation.

Institute of Bermuda Architects

15 Bakery Lane, Pembroke HM 07, Bermuda
tel (441) 296-2915 ext.221 fax (441) 296-2917

www.iba.bm
info@dl.bm

More Resources

Royal Institute of British Architects

Professional Association of Architects in the United Kingdom

architecture.com

Canadian Architectural Certification Board

One of the accreditation boards in Canada. In Canada, there is no country-wide accreditation board, but rather licensing for professional practice varies from province to province.

cacb-ccca.ca

American Institute of Architects/ Architecture Students

Professional group of Architects and Architecture Students, promoting design excellence and continuing education.

aia.org / aias.org

National Council of Architectural Registration Boards

(NCARB) is the national association of state licensing agencies. If you study in the U.S., you will enter the Intern Development Program through NCARB.

ncarb.org

National Architectural Accrediting Board

(NAAB) is the sole agency authorized to accredit professional degree programs in architecture in the United States.

naab.org

ARCHcareers

Produced by the AIA + AIAS, this site provides information on the steps involved in becoming an architect.

archcareers.org

Archinect

Features new design projects from around the world, as well as news, job openings and design competitions.

archinect.com

U.S. Green Building Council/ LEED

Information on the LEED Certified Sustainable Buildings and LEED registration exams, which are an increasingly important professional credential.

usgbc.org/LEED/