



CASA-ACEA
PRESENTS




STUDENT GUIDE

RESOURCE FOR STUDENTS IN
ARCHITECTURE



What is the Student Guide?

CASA-ACEA's Student Guide serves as a compass, illuminating the arduous path of architecture education and professional growth. From demystifying the fundamentals of architecture to navigating the labyrinth of degree requirements and mentorship opportunities, it equips students with essential knowledge needed in their journey of Architecture. For budding professionals, it's a blueprint for success, offering insights into portfolio building, scholarship avenues, and the demanding yet rewarding journey ahead. In essence, it's a beacon of guidance, empowering architecture enthusiasts to flourish amidst the challenges and complexities of their chosen field. It will serve as a perfect companion that every architecture student wants.



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Members of CASA-ACEA



casa.acea

canadian architecture students association
association canadienne d'étudiants en architecture



Who is CASA-ACEA?

CASA-ACEA is a bilingual, non-profit, student-led organization stretching across Canada. We connect and advocate for the community of architecture students by supporting, promoting and profiling student success. We represent Architecture students with a unified voice and collaborate with many architectural organizations throughout the country.


(Source: <https://www.casa-acea.org/>)





Land Acknowledgement

CASA-ACÉA is a national organization with members representing each of the 12 accredited architecture programs across Canada. Although there are some general trends in acknowledging the traditional territories of Indigenous peoples, there is no single wording that applies to all territories. Therefore, CASA ACÉA acknowledges the territories on which each of the accredited architectural schools reside. Below is a compilation of university issued land acknowledgements for their respective establishments.



University of British Columbia (Vancouver)

We would like to begin by acknowledging that the land on which we gather is the unceded territory of the Coast Salish Peoples, including the territories of the xwm kw y m (Musqueam), Skwxwú7mesh (Squamish), Stó:lō and S l ílw ta /Selilwitulh (Tseil Waututh) Nations.

(Source: <https://blogs.ubc.ca/campusenvironments/land-acknowledgments/>)

University of Calgary (Calgary)

We recognize that the University of Calgary, located in the heart of Southern Alberta, both acknowledges and pays tribute to the traditional territories of the peoples of Treaty 7, which include the Blackfoot Confederacy (comprised of the Siksika, the Piikani, and the Kainai First Nations) as well as the Tsuut'ina First Nation, and the Stoney Nakoda (including Chiniki, Bearspaw, and Wesley First Nations). The university recognizes that the City of Calgary is also home to Region III of the Métis Nation of Alberta.

The University of Calgary is situated on land Northwest of where the Bow River meets the Elbow River, a site traditionally known as Moh'kins'tsis to the Blackfoot, Wíchîspa to the Stoney Nakoda, and Guts'ists'i to the Tsuut'ina. On this land and in this place we strive to learn together, walk together, and grow together "in a good way."

(Source: <https://sapl.ucalgary.ca/about/equity-diversity-inclusion-and-accessibility>)

University of Waterloo (Waterloo)

The University of Waterloo acknowledges that much of our work takes place on the traditional territory of the Neutral, Anishinaabeg and Haudenosaunee peoples. Our main campus is situated on the Haldimand Tract, the land granted to the Six Nations that includes six miles on each side of the Grand River. Our active work toward reconciliation takes place across our campuses through research, learning, teaching, and community building, and is co-ordinated within the Office of Indigenous Relations.

(Source: <https://uwaterloo.ca/indigenous/engagement-knowledge-building/territorial-acknowledgement#:~:text=The%20University%20of%20Waterloo%20acknowledges,side%20of%20the%20Grand%20River.>)

Toronto Metropolitan University (Toronto)

Toronto is in the 'Dish With One Spoon Territory'. The Dish With One Spoon is a treaty between the Anishinaabe, Mississaugas and Haudenosaunee that bound them to share the territory and protect the land. Subsequent Indigenous Nations and peoples, Europeans and all newcomers have been invited into this treaty in the spirit of peace, friendship and respect.

(Source: <https://www.torontomu.ca/aec/land-acknowledgment/>)

Université Laval (Québec)

In the spirit of friendship and solidarity, Université Laval recognizes the First Peoples of this land. Here, at the meeting place of the Nionwentsio territory of the Huron-Wendat people, the Ndakina territory of the Wabanaki people, the Nitassinan territory of the Innu people and the Wolastokuk territory of the Wolastoqey people, we honour our shared relationships.

(Source: <https://esa.fsg.ulaval.ca/en/in-action-with-first-peoples>)

University of Manitoba (Winnipeg)

The University of Manitoba campuses are located on original lands of Anishinaabeg, Cree, Oji-Cree, Dakota, and Dene peoples, and on the homeland of the Métis Nation. We respect the Treaties that were made on these territories, we acknowledge the harms and mistakes of the past, and we dedicate ourselves to move forward in partnership with Indigenous communities in a spirit of reconciliation and collaboration.

(Source: <https://news.umanitoba.ca/acknowledging-traditional-territories/>)

Laurentian University (Sudbury)

We would like to acknowledge the Robinson-Huron Treaty of 1850. We also further recognize that Laurentian University is located on the traditional lands of the Atikameksheng Anishnawbek and that the City of Greater Sudbury, also includes the traditional lands of the Wahnapiatae First Nation.

We extend our deepest respect to Indigenous peoples - as a sign of our continued relationship we will support Laurentian University's Truth and Reconciliation Task Force Recommendations. Miigwech.

(Source: <https://laurentian.ca/indigenous-programs/land-acknowledgment>)

Carleton University (Ottawa)

We/I would like to begin by acknowledging that the land on which we gather is the traditional and unceded territory of the Algonquin nation.

(Source: <https://carleton.ca/indigenous/policies-procedures/algonquin-territory-acknowledgment/>)

University of Toronto (Toronto)

We wish to acknowledge this land on which the University of Toronto operates. For thousands of years, it has been the traditional land of the Huron-Wendat, the Seneca, and the Mississaugas of the Credit. Today, this meeting place is still the home to many Indigenous peoples from across Turtle Island and we are grateful to have the opportunity to work on this land with Indigenous community members.

(Source: <https://www.daniels.utoronto.ca/diversity-inclusion/equity-diversity-and-inclusion-daniels-faculty>)

Université de Montréal (Montréal)

The University of Montreal acknowledges the Indigenous nations that, prior and even after the establishment of the French, encountered one another on the territory of the Island of Montreal. It also honours the memory of the Great Peace of 1701, a treaty that fostered peaceful relationships between France, its Indigenous allies and the Haudenosaunee federation. The spirit of fraternity that inspired this famous treaty serves as a model for our own university community.

(Source: <https://www.umontreal.ca/en/indigenouspeoples/recognition/>)

McGill University (Montréal)

McGill University is on land which has long served as a site of meeting and exchange amongst Indigenous peoples, including the Haudenosaunee and Anishinabeg nations. We acknowledge and thank the diverse Indigenous peoples whose presence marks this territory on which peoples of the world now gather.

(Source: <https://www.mcgill.ca/equity/initiatives-education/indigenous-initiatives/land-acknowledgement>)

Dalhousie University (Halifax)

We [I] would like to begin by acknowledging that we are in Mi'kma'ki, the ancestral and unceded territory of the Mi'kmaq People. This territory is covered by the "Treaties of Peace and Friendship" which Mi'kmaq W last kwiyik (Maliseet), and Passamaquoddy Peoples first signed with the British Crown in 1726. The treaties did not deal with surrender of lands and resources but in fact recognized Mi'kmaq and W last kwiyik (Maliseet) title and established the rules for what was to be an ongoing relationship between nations.

Dalhousie University sits on the Traditional Territory of the Mi'kmaq. We are all Treaty people. Source: Canadian Association of University Teachers (CAUT)

We acknowledge the historical oppression of lands, cultures and the original Peoples of this country and know we have a role to play in the path to decolonization that we share together.

We recognize our duty to fight for Indigenous rights to be restored and commit ourselves to the journey of healing. We thank the more than 630 First Nations, their people, and ancestors who have taken care of these lands that we share.

(Source: <https://www.dal.ca/about/mission-vision-values/mikmaq-indigenous-relations/land-acknowledgement.html>)

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BASICS OF ARCHITECTURE - WHAT, WHY, WHERE




What is Architecture?

While Architecture is the art of designing and constructing buildings, it is also a passion, a vocation, a calling – as well as a science and a business. It has been described as a social art and also an artful science.

Why study Architecture?


Pursuing a career in architecture offers a unique blend of creativity, problem-solving, and impact, making it a compelling choice for many. Architects have the opportunity to channel their artistic vision into tangible structures that shape how people experience and interact with their environments.





Also...

This profession requires intellectual thinking and creative skills to overcome complex design challenges, integrating aesthetics with functionality. By designing spaces that enhance daily life and address critical issues such as sustainability and resilience, architects play a vital role in improving communities and contributing to a better quality of life. Additionally, architecture is a continually evolving field that encourages lifelong learning and collaboration with diverse professionals, offering both personal fulfillment and a chance to leave a lasting legacy through transformative and meaningful designs.



Where to Study? & Who is the CACB?

“The CACB is a decision-making and policy-generating body, with its head office in Ottawa, Ontario. It is the sole organization recognized by the architectural profession in Canada to assess the educational qualifications of architecture graduates and to accredit professional degree programs in architecture that are offered by Canadian universities.

The CACB receives its mandate from the Regulatory Organizations of Architecture in Canada (ROAC), representing all provincial and territorial regulators of the profession of architecture in Canada and the Canadian Council of University Schools of Architecture (CCUSA), representing all accredited university architecture programs in Canada.”

(Source: <https://cacb.ca/the-cacb/>)

12 (accredited) Schools of Architecture

University of British Columbia

University of Calgary

Carleton University

Dalhousie University

Université Laval

University of Manitoba

McGill University

Université de Montréal

Toronto Metropolitan University

University of Toronto

University of Waterloo

Laurentian University

Source: <https://cacb.ca/accredited-programs/>

Where to Study? & Preliminary Requirements

University	Program	Application Deadline
McGill University <i>Peter Guo-hua Fu School of Architecture</i>	Bachelor of Science in Architecture	January 15
	M.Arch (non-Thesis) *	December 15
	Master of Urban Planning *	January 15
	Ph.D in Architecture	January 15
	Post-Professional M.Arch	Currently discontinued
https://www.mcgill.ca/undergraduate-admissions/apply/requirements/ontario#architecture		
University of Toronto <i>Daniel's Faculty of Architecture, Landscape & Design</i>	Honours Bachelor of Arts, Architectural Studies	December 15 - February 1
	Bachelors of Arts, Visual Studies	December 15 - February 1
	Master of Architecture *	January 3 - 10
	Master of Architecture (post-professional)	January 3 - 10
	Master of Forest Conservation	January 3 - 10
	Master of Landscape Architecture *	January 3 - 10
	Master of Landscape (Post professional)	January 3 - 10
	Master of Science in Forestry	January 3 - 10
	Master of Urban Design (post Professional)	January 3 - 10
	Master of Visual Studies in Curatorial Studies	January 3 - 10
	Master of Visual Studies in Studio Art	January 3 - 10
	PHD in Architecture, Landscape and Design	January 3 - 10
	PHD in Forestry	January 3 - 10
M.Sc. Planning *	January 10	
https://future.utoronto.ca/undergraduate-programs/architectural-studies/		

Where to Study? & Preliminary Requirements

University of British Columbia <i>School of Architecture & Landscape Architecture</i>	Bachelor of Design in Architecture, Landscape Architecture, and Urbanism	January 15
	Master's in Architecture *	January 15
	Master's in Landscape Architecture *	January 15
	Master of Urban Design	December 31
	Master of Community and Regional PLanning *	January 5
	Master of Advanced Studies in Architecture	January 15
	Master of Advanced Studies in Landscape Architecture	January 15
	Dual degree option	January 15
https://sala.ubc.ca/program/bachelor-of-design-in-architecture-landscape-architecture-and-urbanism/		
University of Montreal <i>École d'architecture Faculté de l'aménagement</i>	Baccalauréat En Sciences, Architecture	Outside Quebec: February 1 Inside Quebec: March 1
	Maîtrise En Architecture *	February 1
	Microprogramme En Conservation Du Patrimoine Bâti	February 1
	Maîtrise En Conservation Du Patrimoine Bâti	February 1
	Dess En Montage Et Gestion De Projets D'aménagement	February 1
	Maitrise En Montage Et Gestion De Projets D'aménagement	February 1
	Maîtrise en architecture de paysage *	February 1
	Maîtrise En Design Urbain	February 1
	Doctorat Interdisciplinaire En Aménagement	February 1

Where to Study? & Preliminary Requirements

	Doctorat Individualisé En Architecture	February 1
https://admission.umontreal.ca/programmes/baccalaureat-en-architecture/#exigences-admission		
University of Waterloo <i>School of architecture Cambridge</i>	Bachelor's of Architectural Studies (with Co-op)	January 31
	Master's in Architecture (with Co-op) *	January 15
	Master's in Architecture (without Co-op) *	January 15
	Bachelor of Environmental Studies Honours Planning and Honours Co-op Planning *	January 31
	Master of Arts (Planning) *	January 15
	Master of Environmental Studies (Planning) *	January 15
https://uwaterloo.ca/architecture/future-undergraduate-students		
Carleton University <i>Azrieli School of Architecture & Urbanism</i>	Bachelor of Architectural Studies Design (with Co-op)	March 1
	Bachelor of Architectural Studies Urbanism (with Co-op)	March 1
	Bachelor of Architectural Studies Conservation & Sustainability (with Co-op)	March 1
	M.Arch (no Co-op) *	January 15
	M.Arch with Advanced Standing Pathway (no Co-op) *	January 15
	Master in Architectural Studies (post-professional) (no Co-op)	January 15
	PhD in Architecture	January 15
	Graduate Diploma in Architectural Conservation (GDAC)	February 1
https://admissions.carleton.ca/programs/architectural-studies/		
Dalhousie University	Bachelor of Environmental Design (BEDs) (with Co-op)	March 1

Where to Study? & Preliminary Requirements

<i>Dalhousie School of Architecture</i>	M.Arch (with Co-op) *	February 1 December 1(international)
	Master of Planning	February 1 December 1(international)
	Bachelor of Community Design Major in Environmental Planning, Major in Urban Design and Planning, Double Major Community Design *	March 1
<i>https://www.dal.ca/faculty/architecture-planning/school-of-architecture/programs/undergrad-admission-requirements.html</i>		
Toronto Metropolitan University <i>Department of Architectural Science</i>	B.ArchSc (Hons) (Co-op available)	October 15
	M.Arch (no Co-op) *	January 20
	PHD in Architecture	January 20
	Bachelor of Urban and Regional Planning *	February 1
	Post Degree Bachelor of Urban and Regional Planning *	February 1
	Post Diploma Bachelor of Urban and Regional Planning *	February 1
	Master of Planning in Urban Development *	February 1
<i>https://www.torontomu.ca/programs/undergraduate/architectural-science/#ar</i>		
Laurentian University <i>McEwen School of Architecture</i>	Bachelor's in Architecture Studies (with Co-op)	Closed
	Master's in Architecture (with Co-op) *	February 1
<i>https://laurentian.ca/program/architecture/details</i>		
University of Calgary <i>School of Architecture,</i>	Bachelor of Design in City Innovation (BDCI) Research Degrees - Master of Environmental Design,	October 1
	PhD in Environmental Design, Doctor of Design	February 1

Where to Study? & Preliminary Requirements

<i>Planning & Landscape Architecture</i>	Master of Architecture *	January 15
	Master of Planning *	January 15
	Master of Landscape Architecture *	January 15
	Doctorate in Environmental Design	May 31
	PhD in Environmental Design	February 1
https://www.ucalgary.ca/future-students/undergraduate/apply		
Laval University <i>Université Laval - École d'architecture</i>	Baccalauréat en sciences de l'architecture (B. Sc. arch.)	August 1 - March 1 (only college studies) August 1 - February 1 (have studies in university)
	Maître en architecture (M. Arch.) *	Outside Quebec Autumn: August 15 Summer: January 1 Winter: May 1
https://www.ulaval.ca/etudes/programmes/baccalaureat-en-architecture		
University of Manitoba <i>Architectural Graduate Programs – Rosemary Visevic</i>	Bachelor of Environmental Design (BEnvD)	April 1
	(MArch) Master of Architecture *	December 1 - January 15
	Master of City Planning *	December 1 - January 15
	Master of Interior Design	December 1 - January 15
	Master of Landscape Architecture *	December 1 - January 15
	PHD in Design and Planning	January 10
https://umanitoba.ca/explore/programs-of-study/environmental-design-benvd		

* Refers to all the programs accredited by CACB (Architecture) / CSLA (Landscape) / PSB (Planning)



**PORTFOLIO AND CV
TIPS AND EXPERIENCES**

Mentorship Program

Mentorship Program: The mentorship program aims to provide valuable opportunities to students who would like to connect with industry experts locally and beyond. Students can network and develop their professional or academic identities by connecting with industry professionals to share their knowledge and expertise. The mentorship program connects students in their masters program with alumni, and industry experts from a wide range of careers and industries. In this program Students are encouraged to network and explore professional, academic, and career development pathways by interacting with alumni and professionals to gain their experience and knowledge in their respective fields. They can also seek help on how to make a good portfolio and CV for their future job prospects.

Universities currently involved/or have the program:

UBC, UofC, UofW, UofM (full forms, listed)

Other universities though do not have a mentorship program in place, but they do host informal portfolio review sessions.

TIPS ON BUILDING A GOOD PORTFOLIO/CV

Highlight Only Top Work

Curating a portfolio in itself is a design challenge. It balances intent, graphics, and text, all to showcase who you are. As it grows, it is important to only showcase the very best work and that, with periodic updates, the work must never cumulate.

Update Portfolio Promptly

Start creating your portfolio early and keep on reiterating it. The next thing would be not to make your portfolio not more than 30 pages. The ideal limit would be 20–30 pages for the portfolio and 2 pages for the CV.

Tailor Portfolio to Firm's Themes

To secure a placement, it is highly effective to tailor portfolio to reflect the values and work themes of the desired firm. This customization helps the firm determine if you are the right fit for the position.

PORTFOLIO:

- *Page distribution and formatting*
- *White balance*
- *Text-to-graphic ratio*
- *Total number of projects*
- *What is it that you show, graphically?*
- *Balance between “pretty” drawings and “technical” drawings a rounded approach*
- *Conceptual variety*
- *Major software skills to show?*
- *Tailor portfolio to reflect values and work theme of desired firm*
- *Present work clearly and professionally, with well-organized layouts*

CV:

What heading to include:

- *Accolades, and Awards*
- *Education - Universities attended/in process and GPA*
- *Talks, publications, media*
- *Work Experience*
- *Volunteering*

Soft and hard skills:

- *Software knowledge*
- *How much experience to show (if you have prior experience) and if you don't have any, what else you can talk about (maybe similar experiences to architecture)? - hone in on values learned through volunteering*

SUMMER INTERNSHIPS AND CO-OP TIPS

Utilize the university's career services

It's critical to take advantage of the resources provided by your university network in addition to browsing job sites. In order to secure co-ops and internships, career services are essential because advisers can offer vital recommendations, and companies frequently contact universities to post internship positions. You can also refer to the CASA newsletter at <https://www.casa-acea.org/job-board>

Network strategically

In order to obtain internships in architecture and design, networking is crucial. Participate at trade shows and conferences, become a member of associations for professionals, and establish professional connections on LinkedIn. Make sure to add your most recent experiences—such as prior employment, internships, and conferences attended—to your LinkedIn page. Having a network of designers and architects can lead to recommendations, job offers, and referrals.

SUMMER INTERNSHIPS AND CO-OP TIPS

Apply early

Architecture is a highly competitive field; there are often hundreds of candidates competing for a limited number of positions. Applying early can significantly enhance your chances of successfully obtaining a work opportunity. CASA's Job Board, which can be found on our website, is a tool that helps visualize which schools are actively participating in work terms and co-ops at any given date.

Have a Portfolio and CV

Creating a well-thought-out and designed portfolio is essential because it serves as a direct representation of your skills and experiences. It is the most quick and efficient way of showcasing your work effectively. Additionally, handing your portfolio in person gives you the opportunity to leave a lasting impression on the person engaging with it. Keep in mind to have a wide variety of projects in your portfolio to showcase your knowledge or customize it to the requirements of the firm you are applying for.

ARCHITECTURE CRIT TIPS

For those that do not know, “crit” stands for critique but is also known as a review and/or pin-up. Traditionally it is held at the end of a design project where the student will publicly pin up and present their work to their peers, tutors and guest critiques.

Format:

- Be assigned a specific presentation time.
- Use visual aids for presentation (like drawings, physical models, screen displays, or interactive walkthroughs).
- Give an oral presentation (explaining your project, your work process, and your thought process).
 - Receive feedback (your audience might ask questions, share observations, and suggest alternate viewpoints or methodologies).

Tips:

- Learn to handle and accept criticism
- Don't take negative feedback personally
 - Filter your work
 - Don't read your presentation
- Identify the 5 main points of your project
 - Explain your design concept
- Identify what you want the outcome to be
 - Time your presentation
 - Don't stand still
 - Dress appropriately
 - Do not dwell on your final grade

ETIQUETTE AND SUPPLIES

STUDIO ETIQUETTE:

- Clean up after yourself
- Do not use hot glue guns
- Respect the space, your space and your neighbor

STUDIO SUPPLIES:

- Trace paper
- Sketchbook
- Pen n pencil
- Super glue and adhesive spray
 - Foam board
 - Scaled ruler
 - Cutting mat
 - Xacto knife
 - White glue
 - T square
 - Metal ruler

TECHNOLOGIES REQUIRED:

- Anything windows (can't render on mac/apple)
- Ipad for procreate very helpful for studio and taking notes
(optional - recommended by students)

LAPTOP BASIC SPECIFICATIONS:

- (CPU 6-core processor with 2.4 ghz
 - RAM 16 gb
- Storage (HDD & SDD) 1TB




**WORKLOAD AND
MENTAL HEALTH TIPS**



Workload

The architecture program is demanding, and students tend to work in the studio on evenings and weekends. It is a fact that the disciplines of architecture and design demand hard work that is consistent; in order to do well, you will probably need to put in more hours and heavier burden than is advised.

Students studying architecture frequently spend their weekends, midterm vacations, and holidays working on projects, learning new software, or making models or finishing drawings late into the night.



MENTAL HEALTH TIPS

- Begin by **personalizing** your workspace with items that are meaningful to you.
- Embrace the practice of **sketching** by carrying a sketchbook with you at all times. Use moments of downtime to sketch and improve your observation skills.
 - Effectively **manage** your time by breaking down tasks into smaller steps and utilizing productivity tools to stay organized.
- Stay **informed** about the latest trends and developments in architecture by regularly reading blogs, articles, and attending relevant events.
 - Seek **feedback** on your work from peers, mentors, and professors to gain valuable perspectives for enhancing your designs.
 - Develop **proficiency** in architectural software such as AutoCAD, SketchUp, Rhino, and Revit through online tutorials and courses.
- Gain a deep **understanding** of various building materials by visiting construction sites and workshops to inform your design choices.

- Expand your design **perspective** by traveling and experiencing architecture from diverse cultures and environments.
- Build your **professional network** by connecting with industry professionals and participating in architecture-related organizations.
 - Prioritize your physical and mental well-being by maintaining a **healthy lifestyle** to fuel your creativity and productivity.
 - Foster **innovation** in your designs by embracing experimentation and learning from failures.
- Hone your presentation skills to effectively **communicate** your design ideas.
 - Stay **motivated and curious** about architecture, drawing inspiration from the world around you to navigate challenges and stay passionate about your chosen profession.
- Every university has free mental health **consultation** (which many students do not know about). So, feel free to reach out to your university resources.



**ACADEMIC
RESOURCES**

SOFTWARES

Editing softwares

Adobe Photoshop, Illustrator, InDesign, Light Room

Modeling softwares

Sketchup, Rhino, Revit, Grasshopper, Autocad, 3ds Max

Rendering softwares

V-ray, Enscape, Lumion, Keyshot, and Twinmotion

AI Rendering

Visoid

Mapping

Map Generator, CADMapper, Grab Cad, OSM (using blender)

Model Blocks

CAD Blocks, 3D Warehouse, Turbo Squid

ONLINE COURSES / RESOURCES

SOFTWARES

Advanced Photoshop @ *LinkedIn Learning, YT and Udemy*

AutoCAD @ *Coursera and Udemy*

BIM @ *LinkedIn Learning and Coursera*

Python @ *Coursera and Udemy*

Revit and Dynamo @ *LinkedIn learning, Balkan Architect*

Rhino and Grasshopper @ *Offered in your University library and
HowToRhino, Gediminas Kirdeikis*

SketchUp @ *Free courses on SketchUp's website and YT*

SUPPORTING COURSES

Computational Designing / Design with AI @ *EdX and Coursera*

Construction Management @ *Coursera and LinkedIn*

Environmental Design @ *EdX and Coursera*

Furniture Design @ *Free tutorials on YT and courses on Skillshare*

Interior Design @ *TMU, Corsera, Udemy*

Graphic Design @ Available at Toronto film school, humber college, George brown college, Centennial college, OCAD University, Coursera

Kitchen and Bath Design @ Available at TMU, George brown college, Sheridan college, Coursera, Udemy

Landscape Design @ TMU, George brown college, Coursera, Udemy

Machine Learning and Robotics @ FutureLearn, Coursera, and EdX

Net-zero energy Building Designs @ Udemy, Coursera, and EdX

Parametric Design @ Mode Lab, Stephen Boeykens, Stanford school of engineering, Archistar, Chris Rielly, Don Semple, RAT labs, Yuval Kahlon, Mesrop Andriasyan and Coursera

Product Design @ OCAD, UofT, Coursera

Project Management @ UofT Continuing education, Coursera, Centennial College

Sustainable design @ TMU, UofT, online courses at University of the Arts London, Coursera, FutureLearn, and Udemy

Behavioral Architecture @ Coursera, UofT, and McGill University

Architectural writing @ www.acedge.in, EdX, and Coursera


Modern and Contemporary Art and Design Specialization @ MoMA

(Sources- coursera, edX, Harvard university (online), RAIC portal (free for students), MoMA)



Looking for Thesis topics?

The **Design Thesis** is an independently driven creative work developed within a focused subject of inquiry and directed by architectural questions. It is carried out through intensive research, study, and design explorations, and culminates in a thoroughly developed architectural proposition...



Community and Neighborhood

- Neighborhood development
- Community garden design
- Slum redevelopment
 - Smart village
- Regenerative design

Architectural History

- Revitalizing abandoned mill or industry
 - Restoration of a heritage building
 - Adaptive reuse of a building
- Biophilic design / Passive design

Urban Design and Innovation

- Riverfront development
 - Vertical farm
 - Urban park
- Water recycling center
- Wetland restoration
- Urban agriculture center
- Net-zero energy building

Religion, Healthcare and Tourism

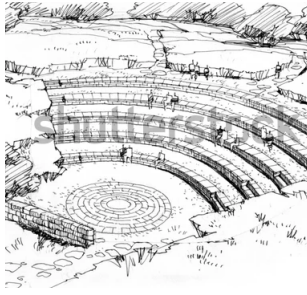
- Eco-tourism center
 - Eco-mosque
 - Maggie center
- Rehabilitation housing
- Architecture for Blind
 - Postwar Camp

(This is not an exhaustive list)

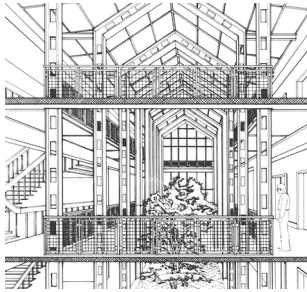


ARCHITECTURAL TERMINOLOGIES

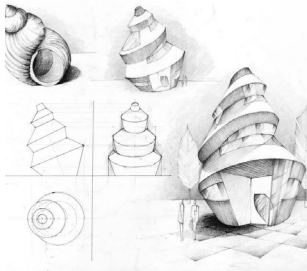
TERMINOLOGIES



1. **Amphitheater** - an oval or circular building with rising tiers of seats ranged about an open space and used in ancient Rome especially for contests and spectacles



2. **Atrium** - An atrium is any interior volume in a building. Atriums are similar to interior courtyards, but they are typically enclosed and conditioned as opposed to open to the elements.



3. **Biomimicry** - Biomimicry is when architecture copies processes or forms found in nature. Biomimicry is used in architecture both for aesthetics and for building functions.



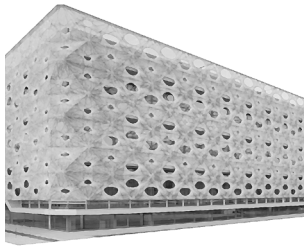
4. **Copula** - A small, dome-like, structure on top of a building. Often used to provide a lookout or to admit light and air, it usually crowns a larger roof or dome.



5. **Corbel** - Stone or wood projection from the wall to support an object. From Old French corbel, diminutive of Latin corvus 'raven', due to its beaked shape.



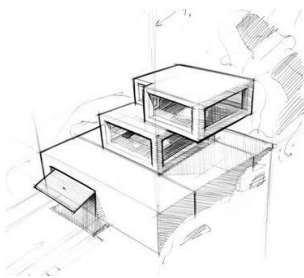
6. Elevation - It is a horizontal orthographic projection of a building that represents one façade of a building.



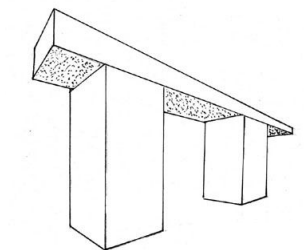
7. Facade - In architecture, a façade is a face of the building. Façades are also sometimes referred to as an elevation, a concept described earlier on this list.



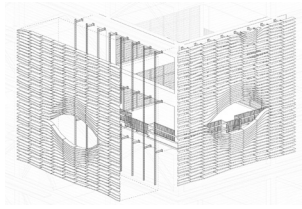
8. Fabrication - Fabrication refers to the way things are put together in architecture. Contemporary methods of fabrication include 3D printing and the use of robotics, but the term refers to any way of building a physical object.



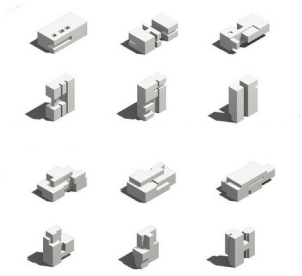
9. Isometric - Isometrics are a form of architectural drawing that helps represent 3D objects in 2D drawings. It allows for an easily understandable view of a simple perspective.



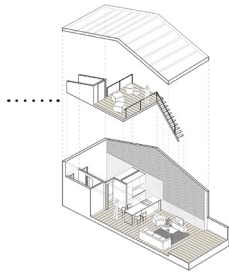
10. Lintel - A lintel is a horizontal block that spans an opening. It is often found over doors or windows.



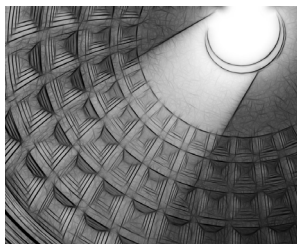
11. Louvers - Louvers are a design element used to keep light from entering a building. Louvers come in many shapes and sizes and often become a major part of the design intent.



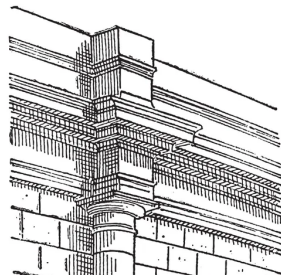
12. Massing - A massing is the general size and shape of a building. Massings are often the first step in a conceptual study when designers define the general boundaries of the building.



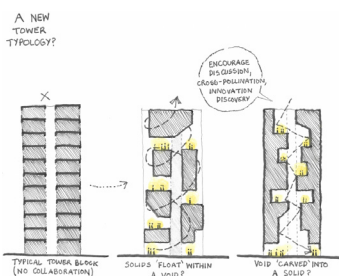
13. Mezzanine - A mezzanine is a half floor in a building. Mezzanines are generally open to an atrium that is typically a double-height space or taller.



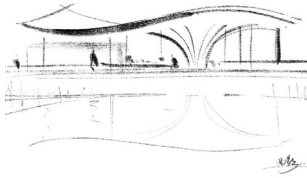
14. Oculus - An oculus is a circular opening at the center of a dome. One of the most popular examples of an oculus is in the Pantheon.



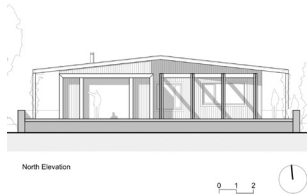
15. Parapet - A parapet is a low boundary along the edge of a roof that acts as a railing for people that might fall over the edge.



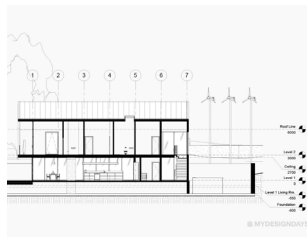
16. Parti - “Parti pris” means “decision taken.” A parti is a concept or scheme that describes the concept behind an architectural project. A parti typically takes the form of a diagram.



17. Pavilion - In architecture, a pavilion is an informal structure that is often temporary. They are sometimes architectural installations or additions to gardens or public areas.



18. Plinth - A plinth is an elevated pedestal that helps to distribute weight and create a grander appearance for a building or a portion of a building.



19. Section - A section is an important architectural drawing that allows us to cut through a building and see what it looks like inside.



20. Vernacular - Vernacular architecture is any style that is native to a specific area and time. Vernacular architecture is based on tradition and often relies on materials and knowledge from the area.

(This is not an exhaustive list)

**ARCHITECTURAL
SCHOLARSHIPS**

SCHOLARSHIPS

Architectural Scholarship in Honour of Michael Evamy (\$5,000)

Who can apply? - a Canadian student attending a Canadian school of architecture in the year prior to his, her, or their final year of study of their professional degree program.

Application Deadline: April 1

(Link: <https://dialogdesign.ca/students/82cec-architectural-scholarship-in-honour-of-michael-evamy/>)

Prix de Rome in Architecture — Emerging Practitioners (\$34,000)

Who can apply? - 1. A Canadian citizen or have permanent resident status, as defined by Immigration, Refugees and Citizenship Canada. You do not need to be living in Canada when you apply.

2. Have received a professional bachelor's or master's degree from a Canadian school of architecture that is certified by the Canadian Architectural Certification Board, in the 12 months before the application deadline

3. Have a letter of recommendation from the director of the school of architecture that issued your degree.

Application Deadline: October 5

(Link: <https://canadacouncil.ca/funding/prizes/prix-de-rome-in-architecture-for-emerging-practitioners/guidelines-prix-de-rome-in-architecture-for-emerging-practitioners>)

J.B.C. Watkins Award: Architecture
Canadian Institute of Steel Construction
(\$5,000)

Who can apply? - 1. An architecture graduate with a bachelor's or master's degree from a Canadian university, postsecondary art institution or training school

2. A Canadian citizen or permanent resident, as defined by Immigration, Refugees and Citizenship Canada

3. Pursuing graduate studies in a country other than Canada.

4. You do not need to be living in Canada when you apply.

5. You cannot apply to this award for a program of graduate studies that has already been completed before the program deadline.

Application Deadline: April 1

(Link: <https://canadacouncil.ca/funding/prizes/jbc-watkins-award-architecture>)

Galvanize the Future Scholarship
(\$2,500)

Who can apply? - Any full- or part-time, undergraduate or graduate student of any age enrolled at an accredited college or university only in North America. Qualifying majors include architecture, civil engineering, structural engineering, construction management, material science, or related fields.

Application Deadline: March 31

(Link: <https://galvanizeit.org/education-and-resources/education/university-program/scholarship>)

Houzz Scholarships

- Women in Architecture Award
 - Residential Design
- Sustainable Residential Design
- Residential Construction Management (\$2500)

Who can apply? - We welcome all students 17 years of age or older at interior design, architecture, landscape architecture, architectural engineering schools, or skilled trade schools in the U.S. and Canada to apply for one of our five scholarships. The Women in Architecture, Residential Design, Sustainable Design and Construction Management scholarships are open to students currently enrolled in an undergraduate or graduate program.

Application Deadline: March 31

(Link: <http://www.houzz.com/scholarships>)

Landscape Architecture Canada Foundation

- Frederick Gage Todd National Scholarship (\$10,000)

Who can apply? - 1. Students eligible for this scholarship are those who in Fall semester will be enrolled full time in the final year of a CSLA-accredited Master of Landscape Architecture program.

2. Applicants must be Canadian citizens or have permanent resident status in Canada

Application Deadline: June 3

- Peter Jacobs Indigenous Scholarship
(\$6,000)

Who can apply? - Canadian Indigenous students enrolled in accredited landscape architecture programs are eligible for this award. Students may be newly accepted into an accredited program or at any stage of undergraduate or graduate study.

Application Deadline: August 1 and November 1

- BC2 Indigenous Scholarship
(\$4,400)

Who can apply? - 1. Student who demonstrates achievement, creativity, leadership, and dedication to the empowerment of Indigenous people and landscapes through study, design, research or engagement.

2. Canadian Indigenous students enrolled in accredited landscape architecture programs in Canada. Canadian Indigenous students with an interest in landscape architecture enrolled in their last year of an undergraduate programs in disciplines related to landscape architecture (such as architecture, planning, geography, environmental sciences, horticulture, fine art, natural sciences, etc.).

Application Deadline: February 1, August 1, November 1

(Link: <https://lacf.ca/scholarship/lacf-national-scholarships>)

Society for The Study of Architecture in Canada

- Martin Eli Weil Prize
(\$250)

Who can apply? - The Martin Eli Weil Prize is awarded annually by the Society for the Study of Architecture in Canada (SSAC) to a student who submitted an essay on the role played by the built environment in Canadian society. The \$250 prize and certificate will be awarded at the SSAC Annual Conference, where the winner will be invited to present their essay.

Application Deadline: February 12

(Link: <https://canada-architecture.org/martin-eli-weil-prize/>)

- Phyllis Lambert Prize
(\$1,500)

Who can apply? - Awarded to a PhD candidate or recent graduate with the best doctoral dissertation on the subject of the built environment in Canada (architecture, architectural history, theory, criticism or conservation).

Application Deadline: February 15

(Link: <https://canada-architecture.org/phyllis-lambert-prize/>)

The RCA / Ernest Annual Scholarship for Architecture

- Vectorworks Design Scholarship
\$3,000
- The Richard Diehl Award
\$7,000

Who can apply? - 1. Submit the application form.
2. Upload up to six (6) project files in .jpg, .pdf, .mp4, and/or .mov format not larger than 100MB. .zip files will not be accepted. Images (.jpeg or .png) may be compiled into a .pdf file and submitted as one project file.
3. Winners of Vectorworks Design Scholarships will automatically be considered for the Richard Diehl Award.
4. Entries may not contain, as determined by the Sponsor, any content that is explicit or overtly suggestive, unnecessarily violent, offensive, or derogatory of any ethnic, racial, gender, or age group.

Application Deadline: Check website

(Link: <https://www.vectorworks.net/scholarship>)

RAIC SCHOLARSHIPS & BURSARIES

André Francou Legacy

(\$2,000)

Bernard Jodoin Scholarships

(Euro 1,400)

Canada Green Building Council Scholarship for Sustainable
Design and Research

(\$5,000)

College of Fellows Centennial Fund for Intern/Intern Architect

(\$5,000)

Ernest Wilby Memorial Scholarship

(\$1,000)

Kiyoshi Matsuzaki RAIC Endowment Fund and Scholarship

(\$3,000)

RAIC Foundation Bursary

(\$2,500)

RAIC International Prize: Student Scholarships

(\$5,000)

The Arts and Letters Club of Toronto Foundation's Award for
Architectural Conservation
(\$1,000)

Vince Catalli Scholarship for Sustainable Architectural
Innovation
(\$5,000)

(Link: https://www.raicf.ca/en/endowment_funds_scholarships/)

SCHOLARSHIPS BY PROVINCE

(Click on the scholarship name to go to website)

Compiled Link- <https://www.canadian-universities.net/Scholarships/Architecture-and-Architectural13.html>

British Columbia

- University of British Columbia

Architectural Scholarship in Honour of Michael Evamy

- AIBC

Scholarships & Bursaries

Alberta

- Alberta Association of Architects

-Cecil Scott Burgess Scholarship

-Norman Fleming Award

- Alberta Student Aid

Arts Graduate Scholarship

- University of Calgary

School of Architecture, Planning and Landscape

Manitoba

University of Manitoba

Faculty of Architecture Awards + Graduate Awards

Ontario

- Ontario Student Assistance Program

- Ontario Graduate Scholarship

- Queen Elizabeth II Graduate Scholarship

- ACI - Ontario Chapters

Ontario Chapter Graduate Studies Scholarship

- Ontario Association of Architects
Scholarships and Student Awards

- North Bay Society of Architects
Bursaries

- Toronto Metropolitan University
Faculty of Engineering and Architectural Science

- Carleton University
Azrieli School of Architecture and Urbanism

- University of Toronto
Daniels Graduate Awards

- Laurentian University
McEwen School of Architecture

- Waterloo University
Undergraduate Scholarships + Graduate Scholarships

Quebec

- ACI - Quebec Chapter
Quebec Chapter Graduate Studies Scholarship

- Quebec Perspective Scholarship
Application

- McGill University

Peter Guo-Hua Fu School of Architecture Scholarships

- Université Laval

-Faculté d'aménagement, d'architecture, d'art et design

-Bourse d'excellence pour étudiants étrangers (MES)

- Université de Montréal

- Bourses

-UdeM exemption scholarship program for international students

Saskatchewan, New Brunswick, PEI, Northwest Territories

- Saskatchewan Association of Landscape Architects

Academic Award

- artsNB

Arts Scholarship

- AAPEI

Scholarship Fund

- NWTAA

Don Jossa Architectural Scholarship Award

Nova Scotia

Dalhousie University

School of Architecture

EDI BASED SCHOLARSHIPS

- Asian American Architects/Engineers Association

<https://aaae.ngo/scholarship/>

- Black Students

<https://blacknorth.ca/programs/bursaries/> & <https://architizer.com/blog/inspiration/industry/architecture-scholarships-for-black-designers/>

- George Tanaka Memorial Scholarship Program

<https://univcan.ca/program-scholarship/tanaka-fund-program/>

- Indigenous students scholarships

- <https://indspirefunding.ca/architecture49/>

- <https://lacf.ca/scholarship/indigenous-scholarships>

- https://umanitoba.ca/architecture/sites/architecture/files/2023-07/2023_09_22_Allan_Waisman_Indigenous_Architecture_Scholarship.pdf

**Banks also have a lot of scholarships available to the general public. Not architecture specific.

REGISTRATION PROCESS & ORGANIZATIONS



Process of Registration by BAC-DAC

“Becoming Architects Canada / Devenir architecte Canada is a federal non-profit whose mission is to strengthen the voice of and connect those on the path to architectural licensure in Canada in order to support, serve and advocate for their professional growth”.

- Ksenia (*President of BAC-DAC*)



Their work includes:

1. Creating events and webinars for both social/networking as well as educational opportunities (such as ExAC Study Tips Sessions, Job Search and Portfolio Prep Webinars, in-person as well as online networking events, etc.)
2. Working with and communicating with other architectural organizations such as ROAC (regulators), CASA, CACB (certification authority), RAIC (national architectural advocacy group) and various architectural societies (TSA, ORSA, WIA, BAIDA, etc.) to share events/resources with each other in addition to sharing feedback from the members
3. Creating and/or sharing useful information and resources with the members (path to licensure diagrams, portfolio and resume resources, salary guides, links to events/webinars offered by other organizations, etc.)
4. Gaining feedback from members to better understand their needs (via surveys, networking events, etc.)

RESOURCES:

<https://bac-dac.ca/becoming-an-architect>

PROVINCIAL / TERRITORIAL ASSOCIATION OF ARCHITECTS:

Architectural Institute of British Columbia (AIBC)

<https://aibc.ca/>

Alberta Association of Architects (AAA)

<https://www.aaa.ab.ca/>

Saskatchewan Association of Architects (SAA)

<https://saskarchitects.com/>

Manitoba Association of Architects (MAA)

<https://www.mbarchitects.org/>

Ontario Association of Architects (OAA)

<https://www.oaa.on.ca/>

Ordre des architectes du Québec (OAQ)

<https://www.oaq.com/>

Northwest Territories Association of Architects (NWTAA)

<https://www.nwtaa.ca/>

Architect's Association of New Brunswick (AANB)

<https://www.aanb.org/>

Architects Association of Prince Edward Island (AAPEI)

<http://www.aapei.com/>

Architects Licensing Board of Newfoundland and Labrador (ALBNL)

<http://www.albnl.com/>

Nova Scotia Association of Architects (NSAA)

<https://nsaa.ns.ca/>

CONTACT INFORMATION:

<https://roac.ca/about-cala/member-organizations/>

(SOURCE: <https://raic.org/role-provincial-and-territorial-associations-architects#:~:text=The%20provincial%20and%20territorial%20associations,for%20any%20endorsed%20architectural%20competition.>)



Student Organizations and Registrations (Free for Students)

Canadian Architecture Students Association (CASA)
<https://www.casa-acea.org/>

American Institute of Architecture Students (AIAS)
<https://www.aias.org/>

Society of South Asian Architects (SOSA)
<https://www.sosacanada.ca/>

Royal Architectural Institute of Canada (RAIC) - free for
students
<https://www.raic.org/>

Society for the Study of Architecture in Canada (SSAC)
<https://canada-architecture.org/>




ARCHITECTURAL ENTERTAINMENT



Architects and FuN?

We don't need to be Serious all the time or maybe we could Learn while having some fun?

- Tune into Architectural Podcasts...
 - Have you Read these?
 - Quotes to live by!
- 

PODCASTS

- **The Second Studio featuring Marina Bourderonnet and David Lee, architects**

A podcast that discusses architecture, design, and everyday life.

Featuring a variety of creative experts in long-form, unscripted interviews with insightful commentary and intimate conversations.

(Link: [https://open.spotify.com/](https://open.spotify.com/show/3TVq5fuaZPSzlD84bk3Oqj?si=71ef5291ba1541e2)

[show/3TVq5fuaZPSzlD84bk3Oqj?si=71ef5291ba1541e2](https://open.spotify.com/show/3TVq5fuaZPSzlD84bk3Oqj?si=71ef5291ba1541e2))

- **The Young Architect Podcast, Michael Riscica, AIA CSI**

This podcast records discussions with architects and architectural students, including personal anecdotes. What made them decide that architecture was their calling? How did you find architecture school?

(Link: [https://open.spotify.com/](https://open.spotify.com/show/0NhjKj1rDlyfKt7KdV1Qi1?si=1d84073ce25047bb)

[show/0NhjKj1rDlyfKt7KdV1Qi1?si=1d84073ce25047bb](https://open.spotify.com/show/0NhjKj1rDlyfKt7KdV1Qi1?si=1d84073ce25047bb))

- **Student architect with Omar Garcia**

A podcast about architecture student Omar Garcia, who is currently enrolled in the program. He delves into a variety of subjects to gain an understanding of architecture and its impact on society.

(Link: [https://podcasts.apple.com/us/podcast/student-architect/](https://podcasts.apple.com/us/podcast/student-architect/id1459042236)

[id1459042236](https://podcasts.apple.com/us/podcast/student-architect/id1459042236))

- **Failed Architecture**

“Failed Architecture” (FA) aims to reestablish the connection between architecture and reality. They aim to investigate the significance of architecture in modern culture by presenting new perspectives on the built environment.

(Link: [https://open.spotify.com/](https://open.spotify.com/show/5EhtD8p4pBAq4kY7P8ChKu?si=17863d9764b34a56)

[show/5EhtD8p4pBAq4kY7P8ChKu?si=17863d9764b34a56](https://open.spotify.com/show/5EhtD8p4pBAq4kY7P8ChKu?si=17863d9764b34a56))

OTHER PODCASTS (by Archisoup)

“99% Invisible“

Spotify- <https://open.spotify.com/show/2VRS1IJCTn2Nlkg33ZVfkM>

Apple- <https://podcasts.apple.com/us/podcast/99-invisible/id394775318>

“Architect Sessions“

Spotify- <https://open.spotify.com/show/4L5euOf5rfnHT0L6yTTawW>

Apple- <https://podcasts.apple.com/us/podcast/architect-sessions-one-to-one/id1057340260>

“Archispeak“

Spotify- <https://open.spotify.com/show/1DJkF356xlbgbBylmb6fXK>

Apple- <https://podcasts.apple.com/us/podcast/archispeak/id599491778>

“Business of Architecture Podcast“

Spotify- <https://open.spotify.com/show/5ZG3sJ5iiGa6LB718ZX8Mf>

Apple- <https://podcasts.apple.com/us/podcast/business-of-architecture-podcast/id588987926>

“EntreArchitect“

Spotify- <https://open.spotify.com/show/0c6pm18oMmvDtrUG8q5C5E>

Apple- <https://podcasts.apple.com/us/podcast/entrearchitect-podcast-with-mark-r-lepage/id593303704>

“Inside the firm“

Spotify- <https://open.spotify.com/show/6X8FAel66to9dPusQ3ahfy>

Apple- <https://podcasts.apple.com/us/podcast/inside-the-firm/id1202464726>

“Life of an Architect”

Spotify- <https://open.spotify.com/show/5mzfvCYX91rrlNRQeaJQX6>

Apple- <https://podcasts.apple.com/us/podcast/life-of-an-architect/id1399009172>

“Register - Architecture & Landscape”

Spotify- <https://open.spotify.com/show/5ddJ6WITZj2IS7AFDjLZbQ>

Apple- <https://podcasts.apple.com/us/podcast/register-architecture-landscape/id1202557946>

“The second studio podcast”(rated the best for architecture students)

Spotify- <https://open.spotify.com/show/3TVq5fuaZPSzlD84bk30qj>

Apple- <https://podcasts.apple.com/us/podcast/the-second-studio-design-and-architecture-show/id1223815551>

“The site visit”

Spotify- <https://open.spotify.com/show/3TVq5fuaZPSzlD84bk30qj>

Apple- <https://podcasts.apple.com/us/podcast/the-site-visit/id1456494446>

“Talking Practice”

Spotify- <https://open.spotify.com/show/0HreFXWT0ZmYojPlyAYAjr>

Apple- <https://podcasts.apple.com/us/podcast/talking-practice/id1437187618>

“The Young Architect Podcast”

Spotify- <https://open.spotify.com/show/0NhjKj1rDlyfKt7KdV1Qi1>

Apple- <https://podcasts.apple.com/us/podcast/the-young-architect-podcast/id1208256622>

(Source: <https://www.archisoup.com/best-architecture-podcasts>)

GOOD READS (by Architizer)

(Only for leisure purposes, Not used for academic research)

- **“Architecture: Form, Space, & Order”** by Francis D.K. Ching:
A comprehensive book that delves into the fundamental principles and concepts of architectural design, exploring how form and space interact. *(can be used for academic research)*
- **“The Architecture of Happiness”** by Alain de Botton:
This book explores the connection between architecture and emotional well-being, discussing how design influences our lives.
- **“101 Things I Learned in Architecture School”** by Matthew Frederick:
Provides concise and insightful lessons covering various aspects of architecture, offering practical knowledge for students.
- **“A Visual Dictionary of Architecture”** by Francis D.K. Ching:
A comprehensive visual reference guide that explains architectural terms, concepts, and elements using illustrations and diagrams.
- **“Complexity and Contradiction in Architecture”** by Robert Venturi:
Explores architectural theory and design by challenging conventional ideas, emphasizing the beauty found in complexity and contradiction.
- **“The Future of Architecture in 100 Buildings”** by Marc Kushner:
Showcases innovative and influential architectural designs, discussing how architecture shapes the future.
- **“Yes is More. An Archicomic on Architectural Evolution”** by BIG:
It has a comic book style and format to express its agenda for contemporary architecture.

GOOD READS (by Archdaily)

(Can be used for personal academic research or intellectual read)

- “Vitruvius: The Ten Books on Architecture” by Vitruvius Pollio
 - “Seven Lamps of Architecture” by John Ruskin
 - “The Stones of Venice” by John Ruskin
- “A History of Architecture on The Comparative Method” by Banister Fletcher
- “Japan : Its Architecture, Art, And Art Manufactures” by Christopher Dresser
- “Le Corbusier: Elements of a Synthesis” by Stanislaus von Moos
- “The Architectonic Colour: Polychromy in the Purist Architecture of Le Corbusier” by Jan De Heer
 - “Surrealism and Architecture” by Thomas Mical
 - “The Architecture of the City” by Aldo Rossi
- “Louis Sullivan As He Lived: The Shaping Of American Architecture” by Willard Connely
 - “Technics and Civilization” by Lewis Mumford
 - “Sticks and Stones” by Lewis Mumford

- “A History Of Architecture” by Fiske Kimball
- “Architecture And Furniture” by The Museum Of Modern Art
 - “The Lesson Of Japanese Architecture” by Jiro Harada
- “Four Walking Tours Of Modern Architecture In New York City” by Ada Louise Huxtable
- “Architecture: Nineteenth And Twentieth Centuries” by Henry Russell Hitchcock
- “Built In USA: Post-War Architecture” by Henry Russell Hitchcock and Arthur Drexler
- “Modern California Houses; Case Study Houses 1945-1962” by Esther McCoy
 - “White Pillars” by J. Frazer Smith
- “Modern Church Architecture” by Albert Christ-Janer and Mary Mix Foley
 - “Thomas Jefferson Architect and Builder” by I.T. Frary
- “Design and Analysis” by Bernard Leupen, Christoph Grafe, Nicola Kornig, Mark Lampe and Peter de Zeeuw

WORDS TO LIVE BY

- *“Architecture is the thoughtful making of space.” - Louis Kahn*
 - *“Form follows function.” - Louis Sullivan*
 - *“Less is more.” - Ludwig Mies van der Rohe*
 - *“Every great architect is — necessarily — a great poet. He must be a great original interpreter of his time, his day, his age.” - Frank Lloyd Wright*
 - *“The mother art is architecture. Without an architecture of our own, we have no soul of our own civilization.” - Frank Lloyd Wright*
 - *“I don’t design buildings. I design dreams.” - Oscar Niemeyer*
- “Architecture is a visual art, and the buildings speak for themselves.”
- Julia Morgan*
- “To create architecture is to put it in order. Put what in order?
Function and objects.” - Le Corbusier*
- *“A great building must begin with the unmeasurable, must go through measurable means when it is being designed, and in the end must be unmeasurable.” - Louis Kahn*
 - *“Architecture should speak of its time and place, but yearn for timelessness.” - Frank Gehry*
 - *“Architecture is really about well-being. I think that people want to feel good in a space... On the one hand, it’s about shelter, but it’s also about pleasure.” - Zaha Hadid*

- "We shape our buildings; thereafter they shape us." - Winston Churchill
- "Architecture is the will of an epoch translated into space." - Ludwig Mies van der Rohe
- "I strive for architecture that is timelessly beautiful yet highly functional and expressive of the way we live today." - Richard Meier
- "The dialogue between client and architect is about as intimate as any conversation you can have because when you're talking about building a house, you're talking about dreams." - Robert A. M. Stern
 - "Architecture is the reaching out for the truth." - Louis Kahn
 - "Architecture is the learned game, correct and magnificent, of forms assembled in the light." - Le Corbusier
 - "I am a participant in the eternal and complex architecture of existence." - Alvar Aalto
- "To provide meaningful architecture is not to parody history but to articulate it." - Daniel Libeskind
 - "An architect's most useful tools are an eraser at the drafting board, and a wrecking bar at the site." - Frank Lloyd Wright
 - "Future of architecture lies in it being ecologically sensitive wherein it incorporates water, waste, energy, biodiversity, food and resources to build with." - Chitra Vishwanath

- "As an architect, I feel it is part of our profession to use space as a medium to express our thoughts." - Kazuyo Sejima
 - "To create, one must first question everything." - Eileen Gray
 - "Architecture can't force people to connect, it can only plan the crossing points, remove barriers, and make the meeting places useful and attractive." - Denise Scott Brown
- "I don't see architecture as distinct from design or culture, or even from chemistry for that matter. What's more important to me is the search for a language of expression that carries meaning, and a worthy argument." - Neri Oxman
 - "Good ideas come from everywhere. It's more important to recognize a good idea than to author it." - Jeanne Gang
- "In architecture, I had absolutely no role model. I'm happy today to be a role model for others that follow." - Norma Merrick Sklarek
 - "There are 360 degrees, so why stick to one?" - Zaha Hadid

THE END