

Sustainability, Climate Change & Environmental Knowledge

This track is for anyone who wants to learn more about sustainability through various topics. You will have a better understanding of climate change and the environment, as well as how to actively take steps to mitigate our environmental impacts, whether individually, at work, or collectively.

Green Buildings & Sustainable Neighborhoods

This track has been designed to give architects, engineers, developers, landscapers, or any other construction professional a complete and methodical understanding of sustainable design & construction, with case studies & best-practice examples, and a preparation to green building certifications & LEED accreditations.

The Circular Economy & Eco-Design

This track will open your eyes about the Circular Economy, and how we can contribute to accelerating the change towards it. You will learn about the principles of designing for circularity, meaning designing out waste & pollution, keeping products & materials in use within the production or biological cycles, and regenerating natural systems.

Eco & Social Entrepreneurship

The aim of this track is to assist potential eco and/or social entrepreneurs in launching new environmental/social start-ups in a very practical way. You will learn how to convert step by step your Green or Social Business Ideas, or a new idea proposed during the workshops, into a sound & feasible business project and find solutions to the challenges of doing so along the way.



Circular Economy & Eco-Design

This track will open your eyes about the Circular Economy, and how we can contribute to accelerating the change towards it. Indeed, economists, corporations, designers, and experts worldwide are moving towards a Circular Economy model. You will learn about the principles of designing for circularity, meaning designing out waste & pollution, keeping products & materials in use, and regenerating natural systems and their various applications. This will allow to become one of the few in Lebanon truly knowledgeable about circularity and potentially apply it in your field of work!

January	8	CE01	An intro to the Circular Economy with an Eco-Design Card Game to pick your Brains :)
	9	SE01	An intro to Sustainability, Climate Change, Ecological & Carbon Footprint, Green Construction: Why should we care?
	14	CE08	Composting DIY
	22	CE04	Circular Design Thinking Workshop
	28	SE04	Climate Change Adaptation: Learn about the Drawdown Project
February	5	EE03	Life-Cycle Assessment & Eco-Design Methodology for Businesses
	11	CE09	Food Waste: A Sustainable Approach to Food
	12	CE02	Beeswax Food Wraps Workshop to Replace Plastic
	18	CE03	Introduction to Biomimicry
March	18	CE05	Meet the Architect: <i>Casa Batroun</i> & <i>Bkerzay</i> Eco-projects
	24	CE06	Meet the Architect! <i>Lifehaus</i> Passive House
	25	CE07	Circular Strategies Workshop

* All seminars will start at 5:30 pm & will last 1 ½ to 2 hours with the exception of the **Life-Cycle Assessment & Eco-Design Methodology for Businesses** & the **Circular Design Thinking Workshop** which will run for 3 hours.

The Circular Economy & Eco-Design Track

Over half of the seminars & workshops in the *Circular Economy & Eco-Design Track* will be given by the *EcoConsulting team* at the Circular Hub, while the others will be provided by different experts in the environmental fields with whom we collaborate. Most will be held at the Circular Hub, and occasionally some will be on a project / initiative site or on the street!

You can mix & match between a variety of over 25 seminars, workshops, and environmental games, typically 2 hours each. Sessions cover both theoretical concepts & practical applications on ways to minimize and mitigate our impacts on the natural environment, as well as our health & well-being. Case studies, videos, animations and other tools have also been integrated into the sessions to enrich them with practical examples and make your learning experience interactive and fun.

A variety of different seminars & workshops will be offered each semester, so there will be a continuous opportunity to learn and deepen your environmental knowledge!

The Certificate

You will be able to obtain the *“Circular Economy & Eco-Design Track” Certificate*, by attending any combination of workshops, seminars, or games, and securing at a minimum *8 units from the ones listed above* and the rest from any other Circular Hub Track to obtain a total of *12 Units*.

The seminars can be undertaken individually or in any combination, and count each for 1 UNIT at the Circular Hub. The only exceptions are the *Neuroscience for Environmental Behaviour Change*, which costs 6 UNITS but only counts for 3 UNITS towards the Certificate, and the *Life-Cycle Assessment & Eco-Design Methodology for Businesses* and *Circular Design Thinking Workshop* which each count for 2 UNITS.

Most sessions are suitable for anyone, without the need for a specific background, and accessible too for teenagers 15 years old or more.

Why should you pursue a Certificate?

Each Certificate can be used as a proof of awareness and knowledge of a certain field, that can enhance your personal or company CV. It is a recognition that you have actively participated in a series of seminars & workshops provided by experts, including EcoConsulting, in the topics related to each track.

A Certificate validates your understanding of the issues at hand and enables you to apply them to your field of studies or work. It can be used as a reference coming from EcoConsulting, an established company with over 15 years of experience in the field of sustainability, and a track record in giving or animating seminars, workshops, conferences and activities in this domain.

The Seminars & Workshops

CE01 - Wednesday, January 8th

An intro to the Circular Economy with an Eco-Design Card Game to pick your Brains :)

An introduction to the Circular Economy, and how we can individually & collectively contribute in the transition towards there. What is meant by eco-designing while keeping in mind the full life-cycle of a product, from resource extraction to product disposal, with a few examples from around the world. The discussion about some of the most important criteria of eco-design will be followed by a few challenging questions and interactive games to pick your brains! The workshop is suitable for anyone interested in environmental and eco-designing principles and doesn't require a design background. Suitable to all ages above 14!

SE01 - Thursday, January 9th

An intro to Sustainability, Climate Change, Ecological & Carbon Footprint, and Green Construction: Why should we care?

Overview of sustainable development and the three pillars of sustainability, how is Climate Change affecting us, and why should we care? What is our Ecological Footprint & the overshoot day? Do you know your individual Carbon Footprint, are there some measures to reduce it? Why should we move to greener construction & energy-efficient, healthier buildings? With interactive discussions about many other topics...

CE08 - Tuesday, January 14th

Composting DIY with Marc Aoun

Can food waste be composted home? Join us to learn what initiatives you can take to produce your own compost, get rid of your organic waste and contribute to a more sustainable Lebanon using simple tools and techniques.

This workshop is in collaboration with Compost Baladi

CE04 - Wednesday, January 22th

Circular Design Thinking Workshop

Design Thinking has become an extremely popular approach to problem-solving—not only among designers, but across all areas of business. How can we also apply a Circular Design Thinking to tackle sustainability issues?

- Indeed, it is estimated that in many cases 80% of the costs & impacts of a product or service are defined at the design stage. The earlier we can integrate circular, eco-friendly, and socially responsible solutions in the design phase, the more we can mitigate negative impacts and do better with less. Join us for a hands-on, interactive and fun Circular Design Thinking Workshop!

This workshop is in collaboration with Joumana Ibrahim

SE04 - Tuesday, January 28th

Climate Change Adaptation: Learn about the Drawdown Project

Project Drawdown is a world-class research organization that reviews, analyses, and identifies the most viable global climate solutions, and shares these findings with the world.

- The aim of this workshop is to highlight the most up-to-date worldwide research in terms of climate change adaptation measures, and identify the ones with the highest potential to solve the climate crisis. How can we, individually and collectively, contribute to reducing our impact on climate change? Some measures are simple or straightforward but require awareness and habit changes, others are more complex, entrenched in our current systems, and will necessitate policies, regulations, activism, and a collective will to change.

EE03 - Wednesday, February 5th

Life-Cycle Assessment & Eco-Design Methodology for Businesses

Review of the Circular Economy and adaptation of circular principles in the context of start-ups or existing businesses: How to integrate an environmental and social approach into the design or procurement of your products and services, based on a step-by-step methodology & Life-Cycle Assessment? How to minimize the ecological & social impact of your office, manufacturing plant, warehouse, or simply the operational of it and transportation of goods?

CE09 - Tuesday, February 11th

Food Waste: A Sustainable Approach to Food

- Let's talk about food! What does a planet-friendly grocery list look like? Where to shop? How to reduce the amount of food that we waste? Join us for a workshop, full of practical information and tips that you can use every day to reduce your environmental impact and move towards a circular closed-loop way of consuming food!

CE02 - Wednesday, February 12th

Beeswax Food Wraps Workshop to Replace Plastic with Joslin Kehdy
Single Use Plastic packaging contaminates nature and is dangerous for our health, disrupting our hormones and leaching plastic into our bodies. Ditch the cling wrap and join us for a hands-on workshop to create your very own beeswax food wraps useful for sandwiches, snacks on the go, plate and even fruit and veggie wraps.

- Materials provided for including fabric, beeswax, pine sap, iron. Attendees are welcomed and encouraged to bring their own recovered fabric (must be cotton) though we will have a supply ready. Additional materials will be available for purchase so that the attendees can create a kit at home. We will encourage others to be self-sufficient with the tools to continue on their own or to take it a step further and create a sustainable business line increasing access to beeswax wraps in Lebanon.

This workshop is in collaboration with Ecosouk

CE03 - Tuesday, February 18th

Introduction to Biomimicry with Adib Dada

- Biomimicry is a Sustainable Design Methodology and approach to innovation that seeks sustainable solutions to human challenges by emulating nature's time-tested patterns & strategies. The core idea is that nature has already solved many of the problems we are grappling with. Animals, plants, and microbes are the consummate engineers. This seminar will give an overview of Biomimicry with some of its applications.

This seminar is in collaboration with theOtherDada

CE05 - Wednesday, March 18th

Meet the Architect with Maha Nasrallah!

- *Casa Batroun*, a small private house renovated and extended in an eco-friendly manner, which achieved the BREEAM Excellent rating and is the 1st project to be BREEAM-certified in Lebanon, and 1st BREEAM Excellent rating in the Middle-East. The detailed presentation will describe the bio-climatic design; the choice of materials; as well as all the energy-efficiency, water conservation, and sustainability features of the house.

EcoBkerzay, the first lodging project in the country to achieve a BREEAM or LEED certification and one of the highest ratings (Very Good) in Lebanon under BREEAM International 2016.

An overview of the different environmental techniques & solutions that have been integrated into the project will be presented.

CE06 - Tuesday, March 24th

Meet the Architect with Nizar Haddad!

- Lifehaus Passive House, as a first self-sustainable house the seminar will tackle the different systems that makes it passive and self-sufficient (Canadian well, thermal mass storage, natural & reused material, water management, solar power etc.), and how this kind of design re-questions conventional construction industry and modifies its process. ○

CE07 - Wednesday, March 25th

Circular Strategies Workshop

- Are there different or eco-friendlier ways to meet the end-user or consumer needs & expectations by applying circular strategies? In this workshop, you will redesign a common use object by re-evaluating the functional and emotional needs that it serves and making use of circular strategy cards to brainstorm new solutions, materials, or designs for that object that are more eco & socially responsible. ○



Pricing & Registration

* Please click on the [Circular Hub Pricing Scale](#) to refer to our detailed sheet for the fees associated with each session (1 Unit each), as we have different packages depending on your preferences & circumstances.

* All seminars & workshops will be hosted at *the Circular Hub*, located in EcoConsulting's office: *Nahas Building, 4th floor, Georges Haddad avenue, Saifi Village, Beirut*. Click on the green icon below for a Google Map link!



* All seminars & workshops start at 5:30 pm. Please arrive 15 minutes before for registration on your first session.

* The only exception is the Neuroscience for Environmental Behaviour Change which will run over two full days, from 9am to 5pm.

* To book or for more information, please contact EcoConsulting at 01-971266 or info@ecoconsulting.net

* Places are limited, we recommend early booking to avoid disappointment :)

Follow us on Facebook, Insta & LinkedIn (by clicking all the below Icons) to receive up-to-date information about all our events.

Thank you for spreading the word about the Circular Hub to anyone who may be interested around you!

