



DO YOU WANT TO LEARN PERMACULTURE AT BOOMLAND?

PDC - PERMACULTURE DESIGN CERTIFICATE

BOOMLAND 22 SEPTEMBER - 04 OCTOBER 2021

- Principles & Ethics
- Reading Natural Cycles
- Ecosystems, Climate & Biogeography
- Design Principles
- Resources Identification
- Hot Compost Piles & Heated Showers
- Biofertilisers

- Vermicomposting
- Earthworks
- Gardens, Agroforests & Food Forests
- Seeds & Plants Species
- Barriers Against Wind & Fires
- Sustainable Communities & Eco-villages
- Final Design Project

Know more & sign up: idanhaculta.pt/pdc | info@centrodeayurveda.com



ABOUT THE PDC

The Permaculture Design Certificate – PDC is an intensive immersion in the Permaculture universe, lectured by Silvia Floresta, Permaculture teacher and a high reference in Permaculture.

This course is designed to support students to develop an ecological language and an understanding of the basic principles of ecological and regenerative design. With this knowledge, students will be able to redesign communities and human settlements, according to the rules of Nature.

The main objective of this PDC is to develop effective design skills through the practical application of knowledge and tools, in all landscapes.

This is the opportunity to learn through participation in a real community design process.



The PDC Material we offer was originally developed by Bill Mollison, co-founder of permaculture, to teach the principles and ethics for sustainable design. All international PDC courses must follow the same format to ensure the integrity of the certification.

This 72 hours format allows the participants to dive into the principles of design in Permaculture, which will be applied and presented by the students in the Final Design Project. To qualify for the diploma, participants must attend a minimum of 80% of the course and present the Final Design Project.

Participants in the Permaculture Design Certificate who meet the above criteria receive a diploma at the end of the course. The diploma certifies that the participants acquired some knowledge in the area and allows them to start using the word "permaculture" in their personal or professional life.

At the end of the course, students who want to use permaculture in their personal lives should be able to start applying the knowledge they have acquired in training. Those hoping to use permaculture in the professional environment should add to this certification a minimum of two years of practice and a few hours of coaching from experienced teachers. However, students who appear with previous experience may be able to use permaculture in the professional environment much earlier. There is no formalized criterion to determine when an individual is ready to move into professional practice. The responsibility for this decision rests with each participant.

This course is based on the 14 chapters of the book *Permaculture: A Designers Manual* by Bill Mollison.



TOPICS COVERED

- Permaculture principles and ethics;
- Reading the landscape. Observation of nature's patterns and cycles;
- Principles of ecosystems, climate and biogeography applied in Permaculture;
- Design Principles: Analysis process, Permaculture Zones, efficient energy planning, etc;
- Resource identification. Water in the environment, collection and conservation of water. The use of solar energy;
- Building healthy soil: base of soil structure, texture, etc. Strategies for soil improvement using green manure, compost, mulch and erosion control.
- Introduction to biofertilizers and practice;
- Introduction to vermicomposting and practice;
- Creation and maintenance of hot compost piles;
- Creation of heated showers with hot compost;
- Earthmoving exercise with a practical model;
- Establish gardens in Permaculture and Food Forests – learn how to select and maintain these systems. Learn "How to produce more food in a small space" (the Biointensive Method);
- Practice in Boomland's vegetable food garden and Agroforest. Start planting a new Agroforest;
- Collection and conservation of seeds, propagation and multiplication of plant species;
- Design of barriers against winds / fires;
- Introduction to the design of sustainable communities and eco-villages. Study different group organization systems, alternative economy and strategies for a sustainable global nation;
- Final design project.

SCHEDULE

DATES: 22 september - 04 october 2021

	22 SEP	23 SEP	24 SEP	25 SEP	26 SEP	27 SEP
	Introduction to Permaculture	- Concepts and design themes - Design methods	Patterns	- Climatic factors - Energy cicles	- Trees - Agroforestry - Forest Garden - Vegetable gardens	BREAK*
08H00	BREAKFAST	BREAKFAST	BREAKFAST	BREAKFAST	BREAKFAST	
09H00	Presentation	Concepts and Design Themes	Patterns	Climatic factors	Trees	
11H00	TEA BREAK	TEA BREAK	TEA BREAK	TEA BREAK	TEA BREAK	
11H30	Permaculture history	- Concepts and Design themes - Patterns	Patterns	Dry land strategies	- Agroforestry - Forest Garden - Vegetable gardens	
13H00	LUNCH	LUNCH	LUNCH	LUNCH	LUNCH	
14H30	Permaculture history and examples	Concepts and Design Themes	- Observation in nature - Exercice	Humid cool to cold	Practical	
16H00	TEA BREAK	TEA BREAK	TEA BREAK	TEA BREAK	TEA BREAK	
16H30	Permaculture "isms"	Design exercice	FREE TIME	Humid tropics	Practical	
18H30	FREE TIME	FREE TIME	FREE TIME	FREE TIME	FREE TIME	
19H30 - 20H30	DINNER	DINNER	DINNER	DINNER	DINNER	

	28 SEP	29 SEP	30 SEP	01 OCT	02 OCT	03 OCT
	Water	Soil	Earthworks	Strategies for a global nation	Preparing for Design	Final Design
08H00	BREAKFAST	BREAKFAST	BREAKFAST	BREAKFAST	BREAKFAST	BREAKFAST
09H00	Water	Design exercise	Earthworks I	Design exercice	Materials Talk	Final design
11H00	TEA BREAK	TEA BREAK	TEA BREAK	TEA BREAK	TEA BREAK	TEA BREAK
11H30	Water	Soil	Earthworks II	Strategies for a global nation	Final design	Final design
13H00	LUNCH	LUNCH	LUNCH	LUNCH	LUNCH	LUNCH
14H30	Water	Soil	Earthworks Exercise	Project sharing (students)	Final design	Presentation
16H00	TEA BREAK	TEA BREAK	TEA BREAK	TEA BREAK	TEA BREAK	TEA BREAK
16H30	Practical	Soil design exercice	Earthworks Exercise	FREE TIME	Final design	CELEBRATION
18H30	FREE TIME	FREE TIME	FREE TIME	FREE TIME	FREE TIME	FREE TIME
19H30 - 20H30	DINNER	DINNER	DINNER	DINNER	DINNER	DINNER
04 OCTOBER - END						

"We believe that change starts with us and within our own home. We need to always transform problems into solutions."

Due to the intensity of this course and the long working hours, break times are extremely important to aggregate the information and to build the community spirit. Therefore, there will be mind and body activities such as Trance Dance sessions, music, surprises and time to rest. Massages will be available (fees applied).

On the last day (4th October) there will be another opportunity to gather and celebrate, honouring the profoundly sacred knowledge that was shared, nurturing ourselves and our renewed respect for our planet.

INSCRIÇÕES ABERTAS

<https://centrodeayurveda.com/cursos/pdc-september-2021>



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