

International Institute for Bau-Biologie™ & Ecology (IBE)

Natural, Healthy Buildings
Indoor Air, Water and Materials
Electromagnetic Radiation
Courses and Seminars

Going Beyond Green

1401 A Cleveland Street - Clearwater, FL 33755 - Phone: 727.461.4371 - Fax 727.441.4373



COURSE PROSPECTUS - IBE Course 111

BUILDING THE NATURAL, HEALTHY WAY

Bringing together design methods and
technology to provide the information needed
to create natural buildings, healthy homes and
workplaces

Requirements for Building Biology Practitioner

1. No experience required
2. Successfully complete Course 101¹ or Course Series 201-205²
3. Attend any IBE Level 100 or Level 200 seminar
4. Sign an ethics statement
5. IBE member in good standing

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1401 A Cleveland Street • Clearwater, FL 33755 • 727.461.4371

Website: www.buildingbiology.net , E-mail baubiologie@earthlink.net

IBE is a 501 (c) 3 non-profit educational organization

¹ Natural, Healthy Building on-line self-study course

² Correspondence Course and On-line Study modules for the Building Biology Environmental Consultant Track

IBE 111 Building the Natural, Healthy Way

This 2-day seminar introduces the Principles of Bau-biologie™. Students are introduced to the indoor environmental hazards a home or office may contain and the design and construction strategies to avoid them. Additionally, students learn about available, and often economical, solutions to rectify known problems. This seminar benefits home dwellers, architects, interior designers, and other building professionals. Topics include:

- Environmental situation
- Bau-biologie and building culture
- Biologically-sound building materials
- Construction and building methods
- Heating and thermal insulation

Resources: IBE Natural, Healthy Building Course [IBE 101], [Prescriptions for a Healthy House](#), by Paula Baker Laporte, et al., [The New Natural House Book](#) by David Pearson,

Time requirement: 2 days

Prerequisites recommended: Course 101 – Natural, Healthy Building On-line Course

Seminar Schedule:

Session 1

- The Who?
 - Intro to Building Biology
 - Relationship between humans and the built environment
 - Intro to Building Ecology
 - Natural, Healthy Home Standard (comparison to LEED³ and Energy Star®⁴)

Session 2

- The Why? Myths (9am -1pm)
 - Government protection
 - Modern building is healthy
 - Modern building is comfortable
 - Mechanical HVAC beats natural
 - Insulation R-value is paramount
 - Natural building is experimental
 - Nature is bountiful

Session 3

- The What?

This session will include demonstrations and labs using Bau-Biologie™ evaluation protocols to assess indoor environmental

conditions – air, water, and electromagnetic radiation.

Session 4

- The How?
 - Principles of Building Biology
 - Building Materials & Construction
 - Building Design
 - Location and Orientation
 - Finishing & Furnishing
 - Alternative Wall Systems
 - Adobe, Cob, Straw bale, Clay/Straw, Rammed Earth, AAC, WICF

It is not possible within a 2-day timeframe to cover all of the material required for building a natural, healthy home. This seminar is only intended to raise awareness of the Bau-Biologie™ (Building Biology™) research and techniques. Attendance at this seminar alone is not intended to imply that the attendee is qualified or certified for consultancy, building, architectural design, teaching, or any other practice associated with Bau-biologie principles.

This seminar is part of the requirements for some IBE certification tracks. For more information please contact the International Institute for Bau-biologie™ & Ecology (IBE).

³ The Leadership in Energy and Environmental Design (LEED) Green Building Rating System™ (US Green Building Council)

⁴ ENERGY STAR is a joint program of the U.S. Environmental Protection Agency and the U.S. Department of Energy.