BioAcademy Finland

Academic and professional training courses on Sustainable Development, Nature, Smart-Economy and Welfare.

Educational tours and camps for School Students - Modern pedagogy and training for School Teachers.
Heading to resource-smart future with responsible and competitive leaders.

BioAcademy Finland provides innovative education and professional training from high level officers to young school students; overseas training modules and intensive courses for professionals, decision makers and university students, and science camps, courses and study tours for school children and teachers.

BIOACADEMY FINLAND IS BRINGING THE BEST INNOVATIONS, KNOWLEDGE AND PRACTICES FROM ACADEMIC THEORIES TO REAL LIFE!

WE WANT TO
• help you to up-grade your skills
• boost innovations and
• invest smartly for sustainable future!

WE EMPHASIZE BOTH THE IMPORTANCE OF
• Ecology and Economy
• Academic theories and Industrial Innovations
• Political strategies and the Power of consumers
BioAcademy
Finland

BioAcademy’s expertise is especially on Green- and Bio-economy; focused on Sustainable Development, Natural Resources Management and Forestry, Renewable Energy, Climate Change; strategies, policy, international education and training as well as research and development projects.

Our Mission is to save the Globe by empowering people in smart and resource-wise decision-making; in policy, industry and individual everyday life!
Learning is experiencing, exploring, sharing and understanding

MODERN FINNISH PEDAGOGY
Underlines individual-centered teaching and problem oriented learning, leading to innovation and entrepreneur skills. Triple-helix education ideology involves industry, decision makers and the whole society in education process.

Phenomenon-based teaching and learning and Experience Pedagogy confirms e.g. smart leadership skills with socio-cultural skills, self confidence, gender and social equality, and career boosting.

We cooperate closely with Finnish Pedagogical Experts in developing our courses, study tours and camps to provide best possible learning results.
Indian Forest Service

BIOACADEMY IS A KNOWLEDGE PARTNER OF INDIAN GOVERNMENT PROVIDING PROFESSIONAL TRAINING ABROAD.

In India the training partner is Indira Gandhi National Forest Academy (IGNFA).

Mid-Career Training

7 days Foreign module in Finland and in Russia.

Insight in new trends and innovations in forest/environment based cluster in Europe and Russia.
INDIAN FOREST SERVICE

Probationers’ Training

10 days Special Exposure to Overseas Forestry Practices Finland-Estonia-Russia and Spain-Italy.
INDIAN FOREST SERVICE

Professional Skill Upgradation Course

7 days Overseas Training Cum Exposure visits to Indonesia and Philippines as part of course organized by Indira Gandhi National Forest Academy (IGNFA) in India.

Partner in Indonesia is Bogor Agricultural University and in Philippines University of Philippines Los Baños. Combination of theory, case-studies, field excursions and industrial visits. Courses are covering 8 different thematic areas.

“The Aim is to provide understanding of changing forest sector and new demands in nationally and globally, and good examples of successfully solved challenges in both countries. Courses are flavored with recent Finnish and Global innovations in forestry sector!”
WINTER SCHOOL IN FINLAND

ECO² - Arctic Safety and Security
Winter School
Experience current reality of climate.

- Thrilling and exciting study tour experience in Arctic region
- The course places you in the heart of ongoing fight against climate change – challenge yourself and learn
- Provides practical examples of strategies on combating and adapting to climate change
- ECO² - combining ECOlogy and ECOnomy in an innovative way to survive in changing conditions
- Forests and arctic fragile nature in focus! Numerous expert lectures and industrial visits
- Once-in-a-lifetime experience learning survival skills in arctic wilderness, sustainability skills, lots of adventures with Finnish pedagogy
- Licence-to-live-on-planet-Earth -test
SUMMER SCHOOL IN FINLAND

Clean Energy Solutions from Green Economy
Summer School

- 4 ECTS training module in June to gain an in-depth understanding of today’s hot topics such as clean energy technologies, bioeconomy/circular economy concepts, carbon neutrality, energy conversion and green business.

- Numerous field and industrial visits; biorefineries, CHP power plants, forest industries, nature conservation areas that are providing exposure to European and Finnish novel practices.

**Experimental Research-Based Learning with Real Insight in Industrial Innovations**

- Student centered
- Emphasizing problem solving
- Entrepreneur skills
TEACHING PEDAGOGY AND IDEOLOGY
Student-Centered Education Confirming Self-Confidence and Individual Development

- Education is student-centered, phenomenon-based and is confirming problem solving skills.
- Our teaching is based on positive thinking, individual development and experiential learning.
- Nature provides natural environment for learning complex phenomena.
- Team-working, experiencing, hands-on tasks and reflecting are important part of learning.
- Healing effects of nature are utilized in learning environments. Our courses include e.g. relaxing tree hugging experience, silence-workouts, listening the nature and comprehensive ways just to enjoy the nature. Nature helps you to concentrate!
- Importance of Nature based pedagogy in special education.
- Education always in an adventurous but a safe way.
Learn to understand and live in harmony with the nature and to be successful in the society.

LIVING IN HARMONY WITH THE NATURE
- Ecology and sustainability
- Climate change
- Survival skills in the wilderness
- Bio- and Circular-economy
- Zero waste
- New innovations

SUCCEED AS A PART OF THE SOCIETY
- How to develop and agree joint strategies and goals
- Leadership and team-playing
- Problem solving
- Social and cultural skills
- Emotional skills
Nature Camps for School Students

COURSES ALWAYS CONFIRM
- leadership and team working skills
- survival skills and self-confidence
- problem solving skills
- Understanding of sustainable development
- positive thinking

GET SKILLS TO SURVIVE IN NATURE AND RAISE YOUR SELF-CONFIDENCE!
Innovation Camp for School Children

Circular Economy Innovation Process

**NEED-BASED – IDEA – PLAN – DESIGN – PRODUCE – MARKET AND SELL**

- Learning the whole innovation process develops not only creativity and planning skills but provides understanding of processes behind successful business planning
- New life for used materials - “Use and Reproduce” recycling and saving natural resources – your trash is my raw-material
- Creativity and product design
- Understanding circular economy and sustainable development in exiting way
- Finnish Phenomenon-based learning
The 10 day educational module with topic “Science and Technology” provides a holistic view of the role of science and technology in sustainable development. Confirms students’ skills e.g. for innovations, leaderships and self management.
Foreign Education Tours

**ALWAYS BASED ON POSITIVE THINKING**
Exploring the world – nature, society, arts and cultural wonders!
Sharing experiences for problem solving and sustainability, powered by innovations and passion. Each Study Tour are tailor-made to complete students study experience and understanding, to provide their brains the joy of new ideas and fresh air far from their every-day life!

**ALWAYS WITH A MISSION AND RESULTS**
Tours are directed learning experiences for groups of 20 to 40 students or for expert groups from 10 participants on. Tailor-made according to the participants and topic; examples of today’s hot topics e.g. in international policy, treasures of the nature or history, climate change and many more! Tours can be arranged in one specific target country or tours over several countries in Europe, Russia, or in Asian countries.

**ALWAYS WITH PEDAGOGICAL AIM**
BioAcademy provides an easy solution for Faculty-Led Tours – Study Tours can be attached to the faculty curricula.
All Our Courses Include

- Smart-Leadership and team-working skills
- Science and practice about Forests, nature, sustainability and climate
- Survival skills in wilderness and ecology
- Problem solving skills and independent thinking
- Cultural and language skills

POSSIBILITY TO PROVE YOUR SKILLS WITH THE BIO-ECONOMY PASSPORT “LICENSE TO LIVE ON PLANET EARTH”. 
LICENSE TO LIVE ON PLANET EARTH
By 2030 we would need

- 50% more **Food**
- 45% more **Energy**
- 30% more **Water**

Resource-smart future with responsible and competitive Leaders

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**LIISA TOIVONEN**

Card n:o 001
17.11.2017 | Valid for 5 years
Card issued by BIOACADEMY FINLAND

**MY PERSONAL CERTIFICATE OF**

Skills, understanding and commitment on sustainable growth and development.

Skills and knowledge to make resource-wise decisions, to combine ecological sustainability with economic welfare, and to understand impacts of climate change on the planet Earth.

More specified information [www.bioacademy.fi](http://www.bioacademy.fi)

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**BIOACADEMY**

_**PASSPORT** LEVEL 1_

**LICENSE TO LIVE ON PLANET EARTH**

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**BIOECONOMY PASSPORT**

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**PLAY IT RIGHT the GAME IS ON!**

**BIOACADEMY ecosystem for innovation**
Small Acts, When Multiplied by Millions of People, Transform the World.
- Sustainable management of natural resources
- Multiple-use Forest management
- Nature and wildlife
- Green- and Bio-Economy
- Circular Economy
- Climate-change and consumer behavior
- Renewable Energy

- Phenomenon-based and experiential learning
- Nature-based Special Education
- individual and group welfare
- individual development
- Nature pedagogy
- Team dynamics and
- Leadership
- Innovation process
Safety is our no 1 Priority

- Teachers are available all the time during the whole course
- Before each activity all safety instructions are demonstrated
- All equipment, science and practice, are demonstrated and tested how to use
- Poisonous berries, plants and snakes are shown
- Safety helmets, life vests, gloves, goggles and safety belts are used when needed
Our clients include:

- Responsible and forward looking governments
- Innovative industries caring about sustainability
- Students who want to create successful career in modern economy
- School students who want to carry out “Licence to Live on Planet Earth”
- School teachers who want to confirm their skills in Finnish Pedagogy

Kindly contact our leading experts:

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Anybody, who:

- wants to learn more about ecology, green economy, renewable energy and many related topics in an effective and exiting way
- wants to see theories coming part of real life and experience once-in-a-lifetime learning adventure