

GREEN SKILLS AND GREEN JOBS FOR YOUNG PEOPLE IN THAILAND

A resource guide to equipping young people with the necessary competences and tools to actively engage in the green economy

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— PREFACE

Green Skills and Green Jobs for Young People in Thailand

2023 Resource Guide

In a world rapidly embracing sustainable development and the transition to a green economy, empowering young individuals with the necessary skills and knowledge to navigate these changes has become a crucial endeavour. The creation of a resource guide centering on green skills and green jobs for young individuals in Thailand is an initiative that recognizes the significance of this transformative movement.

This resource guide serves as a valuable tool for young people in Thailand, providing them with an understanding of the current landscape of green skills training and green jobs. By offering tailored information, this resource guide aims to equip young people with the necessary knowledge and tools to actively engage in the green economy, fostering their personal growth and contributing to the sustainable development of the country.



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INTRODUCTION

This resource guide draws insights from international literature and knowledge in the field of green skills and jobs. It also addresses the unique opportunities and challenges in Thailand. The resource guide incorporates youth-friendly materials, employing clear definitions and explanations of green skills and jobs, ensuring accessibility and comprehension for all readers.

Central to this document is the recognition of the significant role that the green economy plays in shaping the future. It places strong emphasis on the value of green skills in tackling environmental issues, promoting sustainable practices, and seizing economic prospects. By cultivating an appreciation for the potential of the green economy, it aims to inspire young individuals to explore diverse avenues and pursue rewarding careers that align with their values and contribute to the well-being of our planet.

With a comprehensive outlook on green skills training, job prospects, and information on the green transformation, both globally and within Thailand, this resource guide aims to empower young people in Thailand, particularly, and beyond, providing them with the necessary knowledge and tools to actively engage in the green economy and inspire and guide them on their path towards a sustainable and prosperous future.



DEFINITIONS

Green Skills and Green Jobs

Green Skills

Green skills encompass a set of specialized knowledge, competencies, and abilities that enable people to work and live in a more environmentally efficient or sustainable way, regardless of sector or industry (Plan International and The Research Base, 2014, p. 10).

Examples of green skills include expertise in renewable energy technologies (such as solar, wind, and hydropower), energy efficiency practices, sustainable agriculture methods, waste management and recycling, green building and architecture, water conservation, and a thorough understanding of environmental policies and regulations (Ibid, p. 25).

Green Jobs

Green jobs are defined as "decent jobs that contribute to preserving or restoring the environment, whether in traditional sectors such as manufacturing and construction, or in new, emerging green sectors such as renewable energy and energy efficiency" (ILO, 2016).

Green jobs refer to employment opportunities that directly contribute to environmental conservation, sustainability, and the promotion of ecological well-being. Professions classified as green jobs can encompass a wide range of roles, including renewable energy technicians, environmental engineers, sustainable agriculture specialists, recycling coordinators, green building architects, water resource managers, climate change analysts, energy efficiency consultants, and more (Plan International and The Research Base, 2014, p. 10).

Bio-Circular-Green (BCG) Economy Model

Bio-Circular-Green (BCG) Economy

Since 2021, the Bio-Circular-Green Economy (BCG model) has been promoted by the Royal Thai Government as the key policy for inclusive and sustainable growth. Capitalizing on Thailand's strengths in biological diversity and cultural richness, the BCG model has been introduced with the goal to lead the country out of the middle-income trap and create sufficient income for people, especially for those in the agricultural sector, and transform Thailand to a value-based and innovation-driven economy (NXPO, n.d.) The BCG model is a comprehensive framework designed to promote balanced and sustainable economic growth by shifting economies from prioritizing economic considerations over social and environmental concerns to a model where resources are regenerated, and their use is optimized alongside economic growth (APEC, 2022).

The BCG Economy framework integrates three distinct policy response models: the Bio-Economy model, the Circular Economy model, and the Green Economy model. Each of these models serves the common purpose of achieving sustainable economic growth while considering different aspects of the environment-society-economy system.

- **Bio-Economy:** The Bio-Economy involves the production of renewable biological resources and bio-based materials, which are then transformed into value-added products using technology and innovation. Its primary focus is on utilizing renewable biological resources and bio-based materials within the economy.
- **Circular Economy:** The Circular Economy envisions a regenerative production-consumption system where design choices of products, services, and systems enable the elimination of waste and pollution. This model emphasizes keeping existing materials in use through practices such as reuse, refurbishment, repair, remanufacturing, recycling, and composting. The goal is to design waste and pollution out of the system and regenerate natural systems through reduced residuals.
- **Green Economy:** The Green Economy leverages ecosystem processes to benefit human beings in an equitable and inclusive manner without compromising the sustainability of ecosystems. It focuses on understanding how ecosystems provide inputs to society and the economy.

The BCG Economy framework's strength lies in synergizing the three models, covering policy responses across the complex relationships between the economy, society, and the environment. By integrating these approaches, policymakers can design cohesive actions for environmentally sustainable economic development. In essence, the BCG Economy aims for a balanced and sustainable growth, optimizing resource use, regenerating natural systems, and promoting well-being in a mutually reinforcing manner. By recognizing interconnections between sustainability approaches, it enhances policymakers' ability to comprehensively address complexities of sustainable economic development (Ibid).

Green Skills and Green Jobs Market in Thailand

The Growth of Green Skills and the Green Jobs Market in Thailand

The International Labour Organization (ILO) reported a concerning 7 per cent decline in youth employment during the first quarter of 2021, largely attributed to the impact of the COVID-19 pandemic. This led to a 3 percentage point increase in youth unemployment for both men and women. Moreover, climate change-related policies may exacerbate labour market inequalities, particularly affecting youth employment prospects, as individuals lacking green skills might face reduced wages and limited opportunities compared to those equipped with the necessary expertise (ILO, 2021).

A closer look at employment changes between 2015 and 2020 revealed significant shifts in various sectors, including energy, service, industry, and transportation. While certain sectors experienced increased employment, such as water supply and electricity, gas, and steam supply, others like agriculture, forestry, fishing, manufacturing, and mining witnessed declines. Despite the overall decline in job postings caused by the pandemic, there was a notable rise in the percentage of green jobs compared to total job opportunities, reaching its peak in Q3 of 2020. The 'Services and Corporate' sector led the pack with the highest percentage of green job postings, followed by 'Industrial' and 'Energy,' while the 'Transportation and Logistic' sector had a smaller share (TDRI, 2022).

This increase in green jobs can be attributed to several factors that provide evidence for their growth in the job market. Growing corporate interest in sustainability and the green economy, along with initiatives promoting sustainability by the Stock Exchange of Thailand (SET), have played a significant role in driving this trend. The introduction of the Thailand Sustainability Investment Index (SETTHSI Index) by SET in 2018 may have encouraged businesses to adopt sustainable practices, leading to more green jobs being advertised (ibid). **Furthermore, the global commitment to combat climate change and achieve environmental goals has been instrumental in boosting green job opportunities. International agreements such as the Paris Agreement have set ambitious targets for reducing greenhouse gas emissions and transitioning to a low-carbon economy. Consequently, countries and industries worldwide are making substantial investments in renewable energy, sustainable infrastructure, and clean technologies, creating a growing demand for professionals with expertise in these fields. The convergence of business interests, government initiatives, and international commitments has created a robust ecosystem that fosters the expansion of green jobs, making them a crucial driver of the future job market.**

1

Green Skills Training Courses



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Green Skills Training Courses

Green skills training courses have emerged as a vital resource for developing a workforce that can address the challenges of sustainability and contribute to a greener and more sustainable future. Green skills encompass a wide range of abilities that enable people to work and live in a more environmentally efficient or sustainable way. The significance of green skills training courses lies in their ability to bridge the gap between environmental awareness and practical knowledge. They equip individuals with the expertise to comprehend, preserve, and restore our planet's ecosystems while promoting sustainable practices across industries. By conserving energy, reducing waste, mitigating pollution, and safeguarding biodiversity, these training courses cultivate competent green professionals, address skills gaps in forestry and the environment, and contribute to national sector growth and the attainment of environmental targets (see Bouronikos, 2022). Moreover, the training courses welcome applications from unemployed individuals, dropouts, and graduates, building better opportunities for them.

Key Benefits of Green Skills Training Courses

- Help young individuals develop an awareness and understanding of environmental challenges and the importance of sustainable practices. Delving into topics like climate change and biodiversity conservation, these courses instill a sense of environmental responsibility from an early age, helping young individuals to explore and discover potential career paths in the growing green economy, make informed decisions about their education and career choices, and prepare themselves for future employment opportunities in sustainable industries.
- Empower young individuals to take action and make a positive impact on their environment and communities. With green skills knowledge acquired, young people can become agents of change, actively participating in environmental conservation initiatives and inspiring others to do the same.
- Comprehensively provide hands-on experiences and practical skill development. Through interactive workshops, field visits, and exercises, young people can learn about various green practices such as renewable energy technologies, waste management, green building, and sustainable agriculture.

Green skills training courses pave the way for new career prospects in the flourishing green economy. With industries aiming to minimize their carbon footprint and adopt sustainable practices, the need for professionals with green skills is on the rise. However, without proper training and the necessary skills within the workforce to support a sustainable economy, the transition to green practices will encounter setbacks, leading to structural unemployment and detrimental effects on society. By nurturing environmental stewardship and promoting sustainable practices and conservation efforts, green skills training courses contribute to a brighter future. This resource guide delves into the intricacies of these courses, aiming to shed light on the potential of green skills training and inspire stakeholders to invest in green skills development, ultimately contributing to a greener and more sustainable society.

The following section provides information on green skills training courses relevant to young people in the 10-14 years, 15-19 years, and 20-24 year age brackets.



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Ages 10-14 Years

Green Skills Training Courses

1 Climate Kids

Climate Kids is an online resource center designed to help kids learn about climate change and take action. It offers a wide range of interactive games, quizzes, and activities on topics such as climate science, energy, and water. The website also provides lesson plans and educational materials for teachers and parents.

Website URL: <https://climatekids.nasa.gov/>

Organization: Earth Science Communications Team at NASA's Jet Propulsion Laboratory/California Institute of Technology

Live/Webinar training: Online courses, games, and activities

Duration: Self-paced Learning

Available Language: English

Certification: N/A

Cost: Free

Deadline for Application: N/A

Target Group: This resource is specifically designed to cater to children and youth aged 7-13, providing age-appropriate content and activities.



Website

Green Skills Training Courses

2 Eco-Schools

Eco-Schools is a rapidly growing movement that encourages youth to actively participate in environmental conservation. It begins within the classroom and extends to the entire school, fostering positive changes within the wider community. By participating, young individuals gain a sense of accomplishment as they actively contribute to shaping their school's environmental policies, leading them toward certification and the esteemed Green Flag recognition. The programme offers schools a valuable opportunity to enhance their own immediate environment and that of their local community. The programme also provides training in environmental education, sustainability, and green leadership. Eco-Schools are being implemented by FEE Member organizations in a wide range of countries. For Thailand, it is WWF-Thailand.

Website URL <https://www.ecoschools.global/resources-for-online-learning>

Organization: Foundation for Environmental Education (FEE)

Live/Webinar training: Online courses, games, and activities

Duration: Varies by programme

Available Language: English

Certification: N/A

Cost: Free

Deadline for Application: Varies by programme

Target Group: This programme is tailored to engage and educate youth between the ages of 6 and 18.



Website

Green Skills Training Courses

3 The Pod, Green Platform

Pod, a platform under Wastebuster, strives to ignite inspiration among young individuals and their families, urging them to adopt a more sustainable way of life. Their primary emphasis lies in energy, waste, and biodiversity, along with various other environmental subjects. The curriculum-aligned campaigns foster a sense of unity within the entire school community and serve as a catalyst for motivating environmental action, as well as valuable resources, including informative materials, engaging activities, movies, and interactive games, designed to facilitate learning about energy, biodiversity, climate science, and numerous other topics.

Website URL: <https://jointhepod.org/campaigns/green-ambassadors-programme/>

Organization: Wastebuster

Live/Webinar training: Online courses, games, and activities

Duration: Self-paced Learning

Available Language: English

Certification: N/A

Cost: Free

Deadline for Application: Varies by programme

Target Group: This programme is specifically designed for children or youth between the ages of 11 and 14.



Website

Ages 15-19 Years

Green Skills Training Courses

1 Fundamental Ecosystem Restoration

This course offers comprehensive knowledge on the fundamental principles of ecosystem restoration. It covers 15 theoretical training topics, including reference forest types for restoration, incentivizing forest restoration, planning and monitoring techniques for forest restoration, and community-based approaches to forest restoration.

Website URL: <https://mooc.cmu.ac.th/th/course/ef068ee4-6126-418c-9103-fa915f3a7d46>

Organization: CMU MOOC | Chiang Mai University

Live/Webinar training: Online

Duration: 11 hours 40 minutes

Available Language: Thai

Certification:  Yes

Cost: Free

Deadline for Application: N/A

Target Group: All groups who have an interest in participating.



Website

Green Skills Training Courses

2 Introduction to Climate Change

The Thailand Greenhouse Gas Management Organization (Public Organization) is a government agency responsible for supporting climate change development, capacity building, and knowledge. They have created a course called "Climate Action 101" to raise awareness and enhance understanding of climate change. The course covers topics such as the current climate change situation, different mechanisms for reducing greenhouse gas emissions, and the impacts and risks of climate change. The objective of the course is to support efforts in greenhouse gas reduction and encourage ongoing participation in reducing emissions in the future.

Website URL: <https://mooc.mnre.go.th/site/Detailfirst/630>

Organization: Thailand Greenhouse Gas Management Organization (Public Organization)

Live/Webinar training: Online

Duration: 30 November 2022 - 31 December 2023

Available Language: Thai

Certification: N/A

Cost: Free

Deadline for Application: 31 December 2023

Target Group:

1. Personnel within the Ministry of Natural Resources and Environment
2. Government agencies, private sector
3. Students
4. Academics, academic sector
5. General public



Website

Green Skills Training Courses

3 Introducing Environmental Decision Making

Many of the decisions we make have implications for our environment, particularly those concerning natural resources and waste. Decision-making which considers environmental factors can be both complex and challenging. This free course, introducing environmental decision making, considers decisions in their broader contexts and advocates a systems approach to environmental decision-making.

Website URL: <https://www.open.edu/openlearn/nature-environment/introducing-environmental-decision-making>

Organization: The Open University

Live/Webinar training: Online

Duration: 24 Hours

Available Language: English

Certification:  Yes

Cost: Free

Deadline for Application: N/A

Target Group: This programme is suitable for young individuals and adults.



Website

4 Power Green Camp

This environmental science youth camp aims to provide secondary school students in Thailand with theoretical and practical knowledge about environmental science. The one-week camp covers a range of topics including Life Cycle Waste Management, Geographic Information System and Data Analytics to Green Content Development and Becoming Green Influencers. Participants are offered hands-on opportunities to engage in practical exercises such as sorting and recycling waste and feeding black soldier fly larvae.

Website URL: <https://www.powergreencamp.com/>

Organization: Mahidol University

Live/Webinar training: In-person learning

Duration: 15-21 October 2023

Available Language: Thai

Certification:  Yes

Cost: Free

Deadline for application: 1 August - 15 September 2023

Target Group: Secondary school students in Thailand.



Website



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Ages 20-24 Years

Green Skills Training Courses

1 ECO Canada's Online Courses

ECO Canada is dedicated to providing a comprehensive selection of live learning options that not only cater to various budgets but also offer the utmost flexibility, ensuring they seamlessly integrate into busy lifestyle. These courses, such as environmental sustainability, green careers, and eco-entrepreneurship, are designed to accommodate varied schedules and provide convenience without compromising on quality and relevance. By offering affordable and flexible live learning options, ECO Canada aims to make professional development accessible to individuals who face time and financial constraints, enabling them to enhance their skills and knowledge while effectively managing their other commitments.

Website URL: <https://eco.ca/learning-on-demand/>

Organization: ECO Canada

Live/Webinar training: On-Demand Webinars and Online Courses

Duration: Varies by programme

Available Languages: English and French

Certification: N/A

Cost: Varies by programme

Deadline for Application: N/A

Target Group: This programme is open to individuals between the ages of 18 and 35.



Website

Green Skills Training Courses

2 INCO Academy Green Digital Skills

The INCO Academy Green Digital Skills Certificate Programme offers learners the chance to enhance their knowledge and practical digital skills, as well as how to think with sustainability and green design in mind. By the end, learners will have the in-demand skills to help advance their digital career for a greener future.

Website URL: <https://www.greenskills.inco-group.co>

Organization: INCO Academy

Live/Webinar training: Online & Live Virtual Session

Duration: 5 weeks

Available Languages: English, Thai, and others

Certification:  Yes

Cost: Free

Deadline for Application: 14 August 2023 / 9 October 2023

Target Group:

- Individuals interested in or already trained with tech skills.
- Individuals interested in future-proof careers, especially green or greening sectors.



Website

3 Sustainable Economic Development Model (BCG Economy Model)

The objective of the Sustainable Economic Development Model (BCG Economy Model) course is to create knowledge and understanding about the BCG Model and reinforce awareness of the crucial role of social engineering in conserving natural resources and caring for environmental quality. This will also help to align human resource development with the rapidly changing technologies of the present and future.

Website URL: <https://mooc.mnre.go.th/site/Detailfirst/635>

Organization: Thailand Greenhouse Gas Management Organization (Public Organization)

Live/Webinar training: Online

Duration: 1 June 2023 - 1 June 2024

Available Language: Thai

Certification: N/A

Cost: Free

Deadline for Application: 1 June 2023 - 1 June 2024

Target Group: All groups who have an interest in participating.



Website

Green Skills Training Courses

4 Water for Life

Atoms, elements and molecules are the building blocks of everything that makes up our world, including ourselves. In this free course, participants can learn the basic chemistry of how these components work together, starting with a chemical compound we are all very familiar with water.

Website URL: <https://www.open.edu/openlearn/nature-environment/environmental-studies/water-life/content-section-0?active-tab=description-tab>

Organization: The Open University

Live/Webinar training: Online

Duration: 15 Hours

Available Language: English

Certification:  Yes

Cost: Free

Deadline for Application: N/A

Target Group: All groups who have an interest in participating.



Website

5 Solar Energy Basics

This course provides an introduction to solar power and its application in solar panel system installations. Participants will learn about the basics of solar energy and how solar panels convert sunlight into electricity. The course covers the essential components of a photovoltaic system for residential or commercial use, along with their functions. Participants will also gain knowledge in calculating electrical demand, reducing overall energy consumption, and designing a solar panel system to meet specific location-based requirements. The course also explores different pricing models and regulatory considerations for grid-tied systems. The final project of the course involves conducting a building audit, determining energy demand, and designing a suitable solar panel system to fulfill that demand.

Website URL: <https://www.coursera.org/learn/solar-energy-basics>

Organization: The University Network

Live/Webinar training: Online

Duration: 15 Hours

Available Language: English

Certification:  Yes

Cost: \$49 / Audit only (Completion without certificates)

Deadline for Application: N/A

Target Group: All groups who have an interest in participating.



Website

Green Skills Training Courses

6 Sustainable Business Strategy

Sustainable Business Strategy is a 3-week, 15-20 hour online certificate programme from Harvard Business School. Sustainable Business Strategy provides participants with the knowledge and tools to become a purpose-driven business leader. This course explores different business models that companies use to drive change and explains why purpose driven businesses are in the best position to tackle the world's biggest problems. Participants will learn how to influence management and other key stakeholders on the competitive advantages of being a purpose-driven firm, and how to make a difference by integrating values into strategy without sacrificing profit.

Website URL: <https://online.hbs.edu/courses/sustainable-business-strategy>.

Organization: Harvard University School Online

Live/Webinar training: Online

Duration: 20-25 Hours

Available Language: English

Certification:  Yes

Cost: \$1,750

Deadline for Application: 5 September 2023 - 30 October 2023

Target Group: All groups who have an interest in participating.



Website

Green Skills Training Courses

7 YSEALI Learns

Under the Young Southeast Asian Leaders Initiative (YSEALI), YSEALI Learns offers customized training videos on leadership, business and entrepreneurship, civic leadership, and public management, including training in environmental sustainability and community development. These videos feature esteemed professors and experts from U.S. universities who provide valuable insights in their respective fields. Participants have the flexibility to take these courses individually or as part of a group, with the freedom to access them at any time. All courses are conducted in English, ensuring a comprehensive learning experience.

Website URL: <https://asean.usmission.gov/online-courses/>

Organization: Young Southeast Asian Leaders Initiative (YSEALI)

Live/Webinar training: In-person learning

Duration: Varies by programme

Available Language: English

Certification:  Yes

Cost: Free

Deadline for Application: N/A

Target Group: This programme is open to individuals between the ages of 18 and 35.



Website



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2

GREEN INTERNSHIPS



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Green Internships/Apprenticeships

As we confront the pressing challenges of climate change and environmental degradation in today's world, the need for sustainable solutions has become increasingly urgent. Green internships and apprenticeships - offering hands-on experiences and knowledge in environmental conservation, renewable energy, and sustainable practices - are powerful tools in the current job landscape. As the world recovers from the pandemic, many individuals are seeking new career paths. Such on-the-job trainings not only offer young people the opportunity to learn while earning, but also a chance to engage directly with environmental issues, fostering a deep understanding of the challenges we face and encouraging innovative thinking to address them. Through these programmes, young people can gain practical skills, cultivate a passion for sustainability, and make a positive impact on their communities and the planet as a whole (see, Gradsingapore and Relay Education). Whether it be working with environmental organizations, renewable energy companies, or sustainable agriculture initiatives, their involvement can have a lasting impact on the planet.

Key Benefits of Green Internships and Apprenticeships

- Present a unique opportunity for young people to gain hands-on experience in environmental fields. By working with professionals in the industry, participants can apply theoretical knowledge to real-world scenarios, gaining practical skills and insight outside of their classroom setting.
- Equip young people with a competitive edge in the job market as employers increasingly value practical experience. These programmes allow participants to explore potential career paths, build professional networks, and develop the skills to excel in environmentally-focused industries.
- Help young people develop a heightened awareness of environmental issues. By actively participating in projects focused on conservation, waste reduction, and renewable energy, young people will witness first-hand the impact of human activities on the environment. Such programmes can also instill a lifelong commitment to environmental stewardship.
- Provide young people with a platform for personal growth and self-discovery as well as develop essential life skills such as leadership, communication, and adaptability.

The opportunity to utilize skills in a practical environment allows young people to explore and identify their specific interests, capabilities, and strengths. This process aids in determining an ideal career path for their future. Even if young people are not directly engaged in green roles, there are still valuable tasks available behind the scenes, such as managing paperwork, budgeting, communications, and other non-research responsibilities within the green sector. This resource guide focuses on highlighting green internships and apprenticeships in which young people can participate. These programmes cover various sectors, providing invaluable skills and networking opportunities. By nurturing aspiring sustainability leaders, these green internships contribute to building a workforce that is dedicated to creating a greener and more environmentally conscious society.

The following section provides information on green internships and apprenticeships relevant to young people in the 15-19 years and 20-24 years age brackets.

Ages 15-19 Years

Green Internships/Apprenticeships

1 Learning Activity Organizer for Energy Conservation and Environment (เจ้าหน้าที่จัดกิจกรรมเรียนรู้ด้านการอนุรักษ์พลังงานสิ่งแวดล้อม)

Association for the Development of Environmental Quality (Thailand)

Duration: Varies

Deadline for Application: The internship is open for application every year with different periods of time.

Location: Thailand

Available Language: Thai

Cost: Free

Certification:  Yes



Website

Description

The Association for the Development of Environmental Quality (Thailand) is a private organization dedicated to environmental protection and natural resource conservation. Its main goal is to promote eco-friendly consumption practices and nurture a sustainable and harmonious environment. The association prioritizes preserving natural resources and safeguarding the environment, placing emphasis on educational initiatives to raise awareness. Moreover, it advocates for systemic measures to conserve energy and protect the environment in both the public and private sectors.

In this internship programme, students are invited to participate in various learning activities and utilize their existing abilities and skills to help raise awareness and drive positive changes towards a better environment.

Qualification Requirements

- Open-minded and eager to learn
- Environmentally conscious
- Hard working and ready to take on challenges
- Willing to work late and wake up early
- Passionate about presentations, ready to enjoy solving specific problems
- Be a team player
- Passionate about learning

For application:

https://docs.google.com/forms/d/e/1FAIpQLScgaBcrrwuhPm8DjK3-p_1sRIYMK_DH0ssnMlyk_bofwx0qpg/viewform

Ages 20-24 Years

Green Internships/Apprenticeships

1 Internship Project of Bank for Agriculture and Agricultural Cooperatives (BAAC)

Bank for Agriculture and Agricultural Cooperatives (BAAC), Thailand

Duration: 1 October 2023 - 31 March 2024

Deadline for Application: 1 April - 30 September 2023

Location: Thailand

Available Language: Thai

Cost: Free

Certification: N/A



Website

Description

The Bank for Agriculture and Agricultural Cooperatives (BAAC) is a specialized financial institution of the Thai government. Its objectives are to promote rural development and provide financial assistance and management support to individuals, groups, entrepreneurs, village funds, and community organizations, as well as to support the livelihoods of farmers and communities. The bank has a policy of accepting students to participate in internships at its various branches, including in environment-related fields (Environmental Science, Occupational and Environmental Health, Environmental Engineering, and Environmental Management), offering opportunities for students currently studying to apply the knowledge they have gained in practical work settings and to enhance their experience and expertise in their professional field.

Qualification Requirements

- Be enrolled in a bachelor's degree programme or at a university in Thailand
- Demonstrates a strong sense of responsibility for assigned tasks
- Possesses good teamwork and collaboration skills
- Punctual and dedicated to the assignments
- Adheres to the rules and regulations of the bank

Green Internships/Apprenticeships

2 Environment Affairs

Economic and Social Commission for Asia and the Pacific, United Nations

Duration: 2 - 6 Months

Deadline for Application: 10 May 2023 - 14 December 2023

Location: Bangkok, Thailand

Available Languages: English and Thai

Cost: Free

Certification:  Yes



Website

Description

The Environment and Development Division's internship, specifically within the Environment and Development Policy Section under the United Nations Economic and Social Commission for Asia and the Pacific (ESCAP), is a two-month, unpaid, full-time opportunity with the possibility of extension. The interns will work 35 hours per week under the guidance of a staff member. The interns are mainly required to conduct supporting research on issues related to accelerating climate ambition in the Asia Pacific region, as well as support with the development of relevant policy briefs, blogs, and short articles and the organization of webinars, online courses and consultations related to climate awareness.

Qualification Requirements

- Be enrolled in, or have completed, a graduate school programme (second university degree or equivalent, or higher)
- Be enrolled in, or have completed, the final academic year of a first university degree programme (minimum bachelor's level or equivalent)
- No work experience is required
- Existing training, education, advance course work or skills should benefit the United Nations during the course of the internship
- Fluency in spoken and written English is required for the internship

For more information:

<https://careers.un.org/lbw/jobdetail.aspx?id=208692&Lang=en-US>

Green Internships/Apprenticeships

3 Internship Programme of Chevron Thailand Exploration & Production, Ltd.

Chevron Thailand Exploration & Production, Ltd.

Duration: 2 Months

Deadline for Application: The internship is open for application every year with different periods of time.

Location: Bangkok, Thailand

Available Languages: English and Thai

Cost: Free

Certification:  Yes



Website

Description

Chevron Thailand Exploration and Production Limited offers opportunities for students interested in various fields such as Petroleum, Instrumentation, Electrical, Civil, Chemical, or Mechanical Engineering, Geology, Computer Engineering, Environmental Engineering, Environmental Science, Computer Science, Business Administration, Marketing, Management, Finance, Accounting, Human Resource Management, Political Science, Economics, Arts, Liberal Arts, Logistics, Law, and other related disciplines to participate in the summer internship programme with the company. The objective of the internship programme is to develop and enhance the capabilities of students by allowing them to apply the knowledge gained from their respective fields of study and gain practical work experience in preparation for future employment.

Qualification Requirements

Summer Internship Programme in Petroleum Engineering, Wells, and Earth Sciences

- Third-year students currently studying Mechanical Engineering, *Petroleum Engineering, and *Geology or related fields
- Good academic record
- Good English communication skills
- Innovative and collaborative
- Demonstrated leadership qualities
- The internship must be a requirement of the student's academic programme
- Also accept second-year student application

Summer Internship Programme in Support Functions

- Third-year students studying Computer Engineering, Computer Science, Information Technology, Environmental Engineering, Environmental Science, Communication Arts, Business, Administration, Law, Political Science, Public Relations, or other related academic fields
- Good academic record
- Good English communication skills
- Innovative and collaborative
- Demonstrated leadership qualities
- The internship must be a requirement of the student's academic programme

Green Internships/Apprenticeships

4 IVL Internship Programme

Indorama Ventures Global Services Limited (IVL)

Duration: Minimum period of 2 months

Deadline for Application: Starting now throughout the year 2023

Location: Bangkok, Thailand

Available Languages: English and Thai

Cost: Free, with 650 Baht allowance per day

Certification: N/A



Website

Description

Indorama Ventures Global Services Limited (IVL) Thailand is a leading global petrochemical products manufacturer. The IVL Internship Programme aims to develop workforce excellence, while also creating social, environmental, and economic sustainability in Thailand. This programme accepts internship applications from Thai and international students in the following fields: Digital, Sustainability, Logistics, Human Resources, Strategy, Planning, and Investor Relations, Environmental, Health & Safety (EH&S), Corporate Finance and Accounts, and Corporate Communications. The format of the internship is on-site or as agreed upon.

Qualification Requirements

- Must be based in Thailand
- English language proficiency is highly important for effective communication and writing skills, as the work environment involves diverse cultures and the use of English as the main language for the internship
- Be enrolled in either undergraduate or graduate programme
- Energetic and eager to tackle new projects and ideas

3

GREEN VOLUNTEERING



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Green Volunteering Opportunities

Green volunteering serves as a driving force behind environmental initiatives and a catalyst for fostering sustainable development. Such volunteering opportunities offer a deeply fulfilling experience that encompasses personal growth, cultural insights, and the chance to make a positive impact on others' lives. As young people possess the potential to shape the future, their active participation in green volunteering carries immense significance. By dedicating their time and energy to environmental conservation and sustainability endeavours, such as tree planting and waste management, they have a unique opportunity to make substantial contributions towards creating a greener and more sustainable future as well as a balanced and improved ecosystem. They can also inspire others to join the conservation mission, becoming catalysts for transformative change (see Portillo, 2023). The contributions made by young people in these initiatives serve to safeguard natural resources, preserve biodiversity, and combat the impacts of climate change.

Key Benefits of Green Volunteering

- Encourage skills development and personal growth. Engaging in environmental volunteering involves collaboration with diverse individuals, including fellow volunteers, community members, and stakeholders. Through this teamwork, young people develop essential skills such as leadership, communication, problem-solving, and teamwork, contributing to their overall growth as responsible and engaged citizens.
- Enhance understanding of environmental issues. Green volunteering offers a unique opportunity for young people to gain a deeper understanding of ecological systems, environmental issues, and sustainable practices. Hands-on experiences, workshops, and interactions with experts provide valuable knowledge that can shape their future choices and careers.
- Build a community of like-minded individuals. Green volunteering brings together like-minded individuals who share a common passion for the environment. By connecting with fellow volunteers, young people foster a sense of community and work collectively towards a shared goal. This network of support paves the way for future environmental initiatives.
- Instill a sense of civic responsibility. Volunteering for environmental causes instills a sense of civic responsibility within young people. Their active involvement in enhancing the environment demonstrates their commitment to the community's welfare. In turn, their actions serve as a catalyst for inspiring others to join in, leading to a domino effect of positive transformations.

This resource guide explores a range of green volunteering opportunities that offer young people the chance to develop their skills and gain hands-on experience.

The following section provides information on green volunteering opportunities relevant to young people in the 10-14 years, 15-19 years, and 20-24 years age brackets.




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Ages 10-14 Years

Green Volunteering Opportunities

1 Collect Trash with Kayak - Conservation of the Bang Kor Bua, Khung Bang Krachao

ONE FINE DAY

Duration: 20 August 2023 (6 A.M. - 2 P.M.)**Available Language:** Thai**Location:** Samutprakarn, Thailand**Cost:** 510 - 780 THB / 1 Person**Certification:**  Yes (additional fee 50 THB)

Website



Facebook page

Description

The Bang Kor Bua Sub-district community is a significant ozone source near Bangkok. It faces the challenge of dealing with a considerable amount of floating waste flowing into Bang Krachao. Fortunately, the community has taken action by installing waste traps to address this problem. Hence, the purpose of this volunteer activity is to collect the garbage from these traps, using rowing boats such as kayaks and wooden boats.

Qualification Requirements

This opportunity is opened to everyone.

Application:

Apply through the Jit Ar Sa Bank and send information to the page ONEFINEDAY:

<https://www.facebook.com/onefinedayclub>

Green Volunteering Opportunities

2 Youth Environment Camp Wildlife Friends Foundation Thailand (WFFT)

Duration: 1 week

Location: Petchaburi Province, Thailand

Available Language: Thai

Cost: Free (accommodation and meals included)

Certification:  Yes



Website

Description

The Youth Environmental Camp organized by WFFT aims to educate and inspire young participants about wildlife conservation and environmental protection. Activities include wildlife observation, forest restoration, and learning about sustainable practices.

Qualification Requirements

Open to Thai and international participants aged 10-14 years with a genuine interest in wildlife and the environment.

Application:

For application details, visit the WFFT website:
<https://www.wfft.org/>

Ages 15-19 Years

Green Volunteering Opportunities

1 Young Greenpeace Activists

Greenpeace Thailand

Duration: Varies

Location: Thailand

Available Language: Thai

Cost: Free

Certification: The availability of certificates depends on the activities



Website

Description

Young Greenpeace Activists have always been an integral part of Greenpeace campaigns. Young Greenpeace activists are long-term volunteer positions with no fixed duration. Participants can actively participate in Greenpeace activities based on their interests and share their skills and abilities.

Qualification Requirements

- Age range: 13-20 years old
- Willing to learn and understand Greenpeace campaigns
- Interested in environmental issues and willing to take action to protect the environment
- Committed to empowering youth and communities for positive environmental change
- Possess a volunteer spirit and willing to dedicate time to participate in campaigns
- In good physical health
- Open-minded and accepting of diversity

Application:

Open for applications only once a year and the number is limited.

Green Volunteering Opportunities

2 Power Green Camp (Waste Warrior: Green Cloud – Green Tech – Green Influencer)

Faculty of Environment and Resource Studies, Mahidol University
with the support of Banpu Public Company Limited

Duration: 15 - 21 October 2023

Location: Various locations in Thailand

Available Language: Thai

Cost: Free

Certification:  Yes



Website



Application Form

Description

The Faculty of Environment and Resource Studies, Mahidol University, with the support of Banpu Public Company Limited, organized the 18th Power Green Camp, "Waste Warriors: Green Cloud - Green Tech - Green Influencer". The camp aimed to instill environmental awareness in the youth and equip them with the knowledge to contribute to making society a better and more sustainable place with outstanding activities like:

- Participating in activities to collect and separate waste in the Khlong Lat Phrao community at TerraCycle Foundation.
- Visiting a leading company in Rayong to observe plastic recycling and high-quality food-grade plastic pellet production processes.
- Learning about raising Black soldiers Fly larvae using organic waste on Ko Sichang, Chonburi.
- Cleaning up the beachfront and studying plastic pollution in the sea in Ko Sichang, Chonburi.
- Taking part in an environmental science group project competition to compete for educational scholarships, along with certificates and trophies, with guidance from expert professors from Mahidol University.

Qualification Requirements

This opportunity is open to high school students nationwide (regardless of the curriculum) and vocational certificate students.

Application:

Details and application guidelines can be found on the Powergreen Camp website:

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

<https://www.powergreencamp.com/index.php/register/>

Green Volunteering Opportunities

3 Sustainable Farming & Eco-Tourism Project

International Volunteer HQ (IVHQ)

Duration: 2-12 weeks

Location: Surin, Thailand

Available Language: English

Cost: Paid programme (fees cover accommodation, meals, and project support)

Certification:  Yes



Website

Description

The Sustainable Farming & Eco-Tourism Project allows young volunteers to work alongside local communities to develop sustainable farming practices and promote eco-tourism initiatives that benefit the environment and local livelihoods.

Qualification Requirements

Suitable for 15-19 years-old interested in agriculture, sustainability, and community development.

Application:

To apply for this programme, visit the IVHQ website:
<https://www.volunteerhq.org/>

4 Climate Change Advocacy Programme

Thai Climate Justice Working Group (TCJWG)

Duration: 3 weeks

Location: Bangkok, Thailand

Available Language: Thai

Cost: Free (accommodation and meals are provided)

Certification:  Yes



Website

Description

The Climate Change Advocacy Programme offers young participants an opportunity to engage in climate activism and advocacy. Volunteers will be involved in raising awareness about climate change issues and promoting sustainable solutions.

Qualification Requirements

Open to teenagers aged 15-19 years with a keen interest in climate change and environmental activism.

Application:

For details on how to apply, contact the Thai Climate Justice Working Group through their official website or social media channels.

<http://www.thaiclimatejustice.org/>

Green Volunteering Opportunities

5 Environmental Volunteering in Thailand

International Volunteer HQ (IVHQ)

Duration: 1-12 weeks

Location: Various locations in Thailand

Available Language: English

Cost: Starting from \$299 (fees cover accommodation, meals, and project support)

Certification:  Yes



Website

Description

IVHQ offers environmental volunteering opportunities in Thailand where young adults can contribute to conservation projects, sustainable agriculture, reforestation, and community-based initiatives.

Qualification Requirements

Suitable for young adults aged 15-19 years who are interested in environmental issues and community development.

Application:

To apply for this programme, visit the IVHQ website:
<https://www.volunteerhq.org/>

Agers 20-24 Years

Green Volunteering Opportunities

1 Greenpeace Volunteering

Greenpeace Thailand

Duration: Varies

Location: Thailand

Available Language: Thai

Cost: Free

Certification: The availability of certificates depends on the activities you are participating in



Website



Application form

Description

Greenpeace Southeast Asia has been actively advocating for environmental change. They raise awareness, urge decision-makers in the region to take action, and promote various causes. This includes advocating for renewable energy, protecting forests in Indonesia, addressing water pollution in Southeast Asia, and challenging industrial companies to preserve sustainable food systems. Volunteers play a crucial role in the success of Greenpeace campaigns, as their dedication and power drive positive changes for the planet.

Greenpeace provides support for volunteers to showcase their potential and work together as a team, not only in Thailand but also on a global scale. Long-term volunteer opportunities allow individuals to follow their own development paths, empowering them to become future leaders in environmental campaigns.

Qualification Requirements

- Aged 21 and above
- Possess knowledge, understanding, and a willingness to learn about Greenpeace campaigns
- Exhibit discipline, determination, a volunteer spirit, and a readiness to dedicate time to participate in campaigns
- Enjoy good physical health
- Open-minded and accepting of diversity

Application:

<https://gpsea.my.salesforce-sites.com/apex/NewVolunteerFormTH>

Green Volunteering Opportunities

2 Sustainable Community Development Project

Friends for Asia

Duration: 4-12 weeks

Location: Chiang Mai, Thailand

Available Language: English

Cost: Paid programme (includes accommodation, meals, and project support)

Certification:  Yes



Website

Description

The Sustainable Community Development Project focuses on supporting local communities in adopting sustainable practices and eco-friendly initiatives. Volunteers may work on projects related to agriculture, waste management, or eco-tourism development.

Qualification Requirements

Suitable for young adults aged 20-24 years interested in community development and sustainability.

Application:

For application details and programme information, visit the Friends for Asia website:

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

4

GREEN SCHOLARSHIPS



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Green Scholarships

Green scholarships have emerged as a transformative tool, empowering and encouraging young individuals in their pursuit of environmental sustainability. These scholarships go beyond financial assistance; they serve as platforms for nurturing a generation of environmentally conscious leaders poised to make a significant impact. Additionally, they offer invaluable opportunities for specialized training and mentorship. By investing in the education and development of young people, green scholarships play a crucial role in supporting those passionate about pursuing education and careers in environmental sustainability, reinforcing the significance of responsible environmental behavior, and motivating them to become champions for a more eco-friendly world (Kirkland, 2023).

Key Benefits of Green Scholarships

- Alleviate the financial burden of higher education by ensuring equitable access to high-quality education and training programmes. By easing financial constraints, these scholarships enable young people to focus on their studies and invest time and energy in driving positive change.
- Provide young people with opportunities for skill development in environmental fields. From research projects to internships and workshops, these scholarships offer hands-on experiences that enhance knowledge, expertise, and leadership abilities, preparing young scholars for successful careers in environmental sustainability.
- Empower young people to become advocates for environmental causes. Through their education and experiences, scholarship recipients gain a deeper understanding of environmental issues and develop the skills necessary to engage in effective advocacy, promoting sustainable practices within their communities and beyond.
- Create a ripple effect by producing a new generation of environmentally conscious leaders. The success stories of scholarship recipients inspire others, motivating more young individuals to pursue careers and activities that prioritize environmental sustainability. This collective effort leads to a broader and more impactful environmental movement.

This extensive resource guide provides information on the available green scholarships. These scholarships not only offer financial assistance but also recognize and honor students who are dedicated to environmental studies, renewable energy, conservation, and related fields.

The following section provides information on green scholarships relevant to young people aged 10-14 years, 15-19 years, and 20-24 years.

Ages 10-14 Years

Green Scholarships

1 Green Ticket Scholarships

Abbey Road Programs

Duration: Varies

Location: USA

Available Language: English



Website

Description

Green Ticket Community Service Scholarships are designed to reward students who demonstrate an outstanding commitment to the environment and their local communities. Abbey Road offers one full and one partial Green Ticket Scholarship equal to one full and one partial round-trip airfare to any Abbey Road summer programme destination. the Scholarship programmes include, but not limited to, work in the following areas:

- Environmental issues: Global warming, bio-diversity, ecosystem preservation, toxic waste reduction, deforestation, energy conservation, recycling
- Friends of the earth: Agriculture, farming and food
- Wildlife: Preservation of endangered species, including marine life and national parks
- Local service projects: Community gardens, under-privileged youth education and after-school programmes.

Qualification Requirements

- Must be a high school student aged 14-18 who demonstrates a commitment to the environment and/or their community through their schoolwork and extra-curricular activities.

Application

All applications, personal statements, school transcripts and recommendation letters must be received by Abbey Road Programs prior to **December 1**.

Green Scholarships

2 Apprentice Ecologist Initiative

Nicademus Wilderness Project

Duration: Varies

Location: Worldwide

Available Language: English



Website

Description

The Apprentice Ecologist Initiative™ (officially recognized by the U.S. EPA) has engaged tens of thousands of young volunteers (kids, teens, and college-age youth) from around the world in environmental cleanup and conservation projects since 1999. This programme has received multiple awards from the City of Albuquerque, a "Best Community Impact" award from Eastern Kentucky University, and is featured on thousands of web sites. View recent Apprentice Ecologist Projects and past Apprentice Ecologist Awards to get ideas for your own environmental stewardship project. The goals of the Apprentice Ecologist Initiative™ are to:

- Elevate youth into leadership roles by engaging them in environmental cleanup and conservation projects,
- Empower young people to rebuild the environmental and social well-being of our communities,
- Improve local living conditions for both citizens and wildlife through education, activism, and action.

Qualification Requirements

Applicants should embody the spirit of the Apprentice Ecologist Initiative™ by demonstrating leadership, initiative, and environmental stewardship in their project.

Scholarships are available to students between the ages of 13 and 21

Application

- Conduct your own environmental stewardship project in 2023.
- Take a few digital photos of your project in action.
- Write an essay about your project and what it meant to you.
- Register and upload your favorite project photo along with your essay.

Deadline: 31 December 2023

Ages 15-19 Years

Green Scholarships

1 GPSC Scholarship

Global Power Synergy Public Company Limited (GPSC) under PTT Public Company Limited, Thailand

Duration: Throughout the duration of the academic semester

Location: Thailand

Available Languages: Thai



Information

Description

The 'GPSC Scholarships for Undergraduate Studies' aims to provide educational opportunities and financial stability to young individuals in the Eastern Economic Corridor (EEC). The scholarship will be granted to students who have completed Grade 12 from schools in the provinces of Rayong and Chonburi, with a total of three scholarships available per annual.

Candidates for this programme must have successfully passed the selection process for undergraduate studies at government-affiliated universities in the fields related to industries aligned with the EEC development policy such as Engineering, Science and Environmental Science.

Qualification Requirements

- Have passed the selection process to pursue undergraduate studies at a government-affiliated university.
- Be enrolled in the faculty or department of Engineering, Science, Environmental Science, or any branch related to industries aligned with the Eastern Economic Corridor (EEC) development policy, or other relevant branches as deemed appropriate by the committee.
- Have an GPA of no less than 3.00 in the high school curriculum.
- Completed studies up to Grade 12 from schools located in the provinces of Rayong and Chonburi.
- Demonstrates good conduct and a strong commitment to pursuing undergraduate studies despite financial constraints.
- If selected for the scholarship, the recipient must actively participate in social responsibility activities with the GPSC group of companies or engage in community and social welfare activities with other organizations.

Application

- You can find the detailed application procedure in the following link:
<https://www.gpscgroup.com/storage/updates/gpsc-internal-communications/external-communications/20220221-gpsc-detail-scholarships-project-2022.pdf>

This opportunity opens for applications from approximately February to June every year.

Green Scholarships

2 **ทุนปริญญาตรีเพื่อนชุมชน (CPA Scholarship for Bachelor's Degree)** สมาคมเพื่อนชุมชน (CPA Community)

Duration: Varies

Location: Thailand

Available Language: Thai



Website

Description

This scholarship aims to support and assist underprivileged youth who are native to Rayong province and have completed their secondary education (Grade 12) from schools within the province with good academic performance. The objective is to enable them to pursue undergraduate studies at a government-affiliated university.

The scholarship provides financial support for living expenses and educational costs throughout the duration of the studies. It is awarded continuously until completion, with a total of 40 scholarships available per year (each scholarship valued at 70,000 baht). The eligibility criteria are determined by the specified conditions set by the association.

The scholarship is available for various fields of study, including those related to the environment such as Environmental Science, New Automotive Industry, Smart Electronics Industry, Agriculture and Biotechnology Industry, Biofuel and Biochemical Industry.

Qualification Requirements

- Must have successfully completed secondary education (Grade 12) from a school within Rayong province only.
- Must be registered in the household registration within Rayong province for a minimum of 3 years, starting from the date of application submission.
- Must have a cumulative GPA of at least 3.00 throughout 5 semesters (grades 10-12, first semester).

Application

This scholarship is open every year with different periods for application, mostly based on the admission timeline.

Ages 20-24 Years

Green Scholarships

1 Community Career Development and Environmental Conservation Research Funding Project

TPI Polene Power Public Company Limited, Thailand

Duration: From 6 months to 1 year

Location: Thailand

Available Language: Thai and English



Information

Description

TPI Polene Power Public Company Limited, a state-owned enterprise, is the largest player in the Municipal Solid Waste (MSW) power plant business in Thailand and the ASEAN region. It also holds the distinction of being the largest community waste disposal plant in Thailand and globally. The company has established a fund for community career development and environmental conservation research with a maximum award of 200,000 THB. The "Community Career Development and Environmental Conservation Research Funding Project" outlines the research framework as follows:

- Research projects aimed at community career development;
- Research projects aimed at environmental conservation and restoration

Therefore, the company announces and invites students, scholars, professors, researchers from universities and research institutions, academics, community developers, and government agencies to apply for the aforementioned research funding.

Qualification Requirements

- Applicants should be students, scholars, professors, researchers from universities and research institutions, academics, community developers, government agencies, and individuals interested in participating in the project.
- Candidates must have completed a bachelor's degree or higher.
- Possess the potential and knowledge that instill confidence in the success of the research work.
- They should be capable of executing and managing research according to the proposed plan.
- Applicants should not have any pending submissions of reports for previous projects that received funding and have already concluded, both from associations and other funding sources.
- During the scholarship period, candidates should not receive multiple research grants simultaneously.
- If additional funding is necessary, clear reasons must be provided, demonstrating how it enhances the project's efficiency.
- Candidates must uphold research ethics.

Application

- You can find the detailed application procedure in the following link:
<https://op.mahidol.ac.th/ra/wp-content/uploads/2023/02/%E0%B8%AB%E0%B8%99%E0%B8%B1%E0%B8%87%E0%B8%AA%E0%B8%B7%E0%B8%AD%E0%B9%80%E0%B8%8A%E0%B8%B4%E0%B8%8D%E0%B8%9B%E0%B8%A3%E0%B8%B0%E0%B8%8A%E0%B8%B2%E0%B8%AA%E0%B8%B1%E0%B8%A1%E0%B8%9E%E0%B8%B1%E0%B8%99%E0%B8%98%E0%B9%8C-TPI.pdf>

This opportunity opens for applications every year, and the submission deadline for applications varies.

Green Scholarships

2 DAAD Scholarships in Germany for Development-Related Postgraduate Course

German Universities offering development-related postgraduate courses

Duration: 12 - 24 Months for Masters and 42 months for PhD.

Location: Germany

Available Language: English and German



Information

Description

The German Academic Exchange Service (DAAD) scholarships offer foreign graduates from development and newly industrialized countries from all disciplines and with at least two years' professional experience the chance to take a postgraduate or Master's degree at a state or state-recognized German university, and in exceptional cases to take a doctoral degree, and to obtain a university qualification (Master's/PhD) in Germany.

The scholarships include monthly payments of 861 euros for graduates or 1,200 euros for doctoral candidates; payments towards health, accident and personal liability insurance cover; and travel allowance, unless these expenses are covered by the home country or another source of funding.

Qualification Requirements

The typical scholarship holder:

- Is currently working either for a public authority or a state or private company in a developing country and, as such, is engaged in the planning and execution of directives and projects with an emphasis on development policies having a bearing on technological, economic, or social areas
- Holds a Bachelor's degree (normally four years) in a related subject.
- Has completed an academic degree with far above average results (upper third) and at least two years of related professional experience after the first degree (bachelor's) at the time of application
- His/her academic degrees should normally not be more than six years old.
- For courses in German: Candidates must pass the language examination DSH 2 or TestDaF 4 before the start of the study course. Therefore certification proving a minimum German language level of B1 is required at the time of application. The scholarship includes a six-month German language course.
- For courses in English: Proof of adequate language skills, according to the regulations of the respective courses.

Application

Deadline: Aug-Oct 2023 (annual)

Applications must be made directly to the respective course. Please refer to the respective course websites for the application procedure, the application deadline, and the documents to be submitted. The deadline varies depending on the course but falls around August-October 2023.

Level/Field(s) of Study:

Masters or Ph.D. courses in Economic Sciences/Business Administration/Political Economics; Development Cooperation; Engineering and Related Sciences; Mathematics; Regional and Urban Planning; Agricultural and Forest Sciences; Natural and Environmental Sciences; Medicine and Public Health; Social Sciences, Education and Law; and Media Studies.

List of all Postgraduate courses with submission deadlines 2024/25:

https://static.daad.de/media/daad_de/pdfs_nicht_barrierefrei/in-deutschland-studieren-forschen-lehren/daad_epos_bewerbungsdeadlines_2024-25.pdf

Green Scholarships

3 University of Bonn BIGS - DR Doctoral Scholarship Programme 2024 For Developing Countries

The Development-Related Postgraduate Course programme of the German Academic Exchange Service (DAAD)

Duration: Varies

Location: Germany

Available Languages: English and German



Information



Application form

Description

The University of Bonn and the United Nations University Institute for Environment and Human Security (UNU-EHS) are offering up to eight fully funded scholarships for developing countries. These scholarships are available for pursuing Joint Master of Science (M.Sc.) programme in “Geography of Environmental Risks and Human Security.”

The ultimate goal of the scholarship is to foster intercultural exchange and enable students to contribute to the sustainable development of their home countries by applying the knowledge they acquired during the study programme.

Non-native English speaking applicants must prove sufficient proficiency in the English language.

Qualification Requirements

- Possess a first, higher education qualification (Bachelor’s Degree) in Geography or a related/comparable professionally certified study programme. Out of all higher education qualifications earned (Bachelor’s, Master’s, additional academic coursework, etc.) applicants must have accumulated at least 100 ECTS (European Credit Transfer and Accumulation System) within courses related to the following areas: Human Geography and Social Sciences; Science Methodology and Empirical Research methods; Physical Geography, Geosciences and Environmental Sciences with a focus on Earth System Science.
- A strong motivation to contribute to the area of Human Security and management of risks related to Environmental Change is a pre-requisite.
- Highly motivated to learn in a multicultural and interdisciplinary environment.
- A minimum of 2 years of related professional experience is required for candidates from developing countries who additionally wish to be considered for a scholarship under the Development-Related Postgraduate programmes (Epos) of the German Academic Exchange Service (DAAD).

Application

You have to submit a DAAD application form which can be **downloaded here:** https://www.zef.de/fileadmin/webfiles/downloads/vacancies/ZEF_Searching-for-talents-2023.pdf

Please see the instructions as well as a list of required application documents here: https://www.zef.de/fileadmin/webfiles/downloads/vacancies/ZEF_Searching-for-talents-2023.pdf

Green Scholarships

4 Green Leaders Scholarship

Thai Ministry of Natural Resources and Environment

Duration: 1 year (renewable)

Location: Universities and institutions across Thailand

Available Language: Thai



Information

Description

The Green Leaders Scholarship is aimed at supporting undergraduate students pursuing environmentally related degrees. The scholarship provides financial aid and mentorship to encourage young leaders in the green sector.

Qualification Requirements

Thai students aged 20-24, currently enrolled in an accredited university or institution in Thailand, pursuing a degree in environmental sciences, sustainable development, or related fields.

Application

Eligible students can apply directly through the Ministry of Natural Resources and Environment's official website:
<https://www.mnre.go.th/en/index>

Applications typically open in July.

Other Scholarships

Green Scholarships

1 Green Scholarships by Thailand Environment Institute (TEI)

Thailand Environment Institute (TEI)

Duration: Varies (check the specific scholarship)

Location: Thailand

Available Language: Thai (and possibly English, depending on the scholarship)



Website

Description

TEI is a prominent organization in Thailand working towards environmental sustainability. They may offer scholarships or grants to support youth involvement in green projects and initiatives.

Qualification Requirements

Varies depending on the specific scholarship, but applicants should generally demonstrate a commitment to environmental conservation and sustainability.

Application

For application details and information, visit the TEI's website: www.tei.or.th

(Note: Please verify the availability of scholarships on their official website)

2 PTT Green Scholarship Programme

PTT Public Company Limited

Duration: Varies (check the specific scholarship)

Location: Thailand

Available Language: Thai (and possibly English)



Website

Description

PTT, a leading energy company in Thailand, may offer scholarships for students pursuing studies in environmental and sustainable fields.

Qualification Requirements

Specific requirements may vary, but candidates are usually evaluated based on their academic achievements, passion for environmental issues, and potential to contribute to the green industry.

Application

For application details and information, visit the PTT's website: www.pttplc.com

(Verify scholarship information on their official website)

Green Scholarships

3 Asian Institute of Technology (AIT) - Royal Thai Government Scholarships

Asian Institute of Technology (AIT)

Duration: Varies depending on the programme

Location: Bangkok, Thailand

Available Language: English



Website

Description

AIT offers various scholarship programmes for students, including those interested in environmental studies and sustainable development. Scholarships are funded by the Royal Thai Government and are open to students from Asian countries.

Qualification Requirements

Specific requirements may vary depending on the scholarship programme.

Application

For application details and information, visit this website:
<https://www.ait.ac.th/admissions/scholarships/>

4 Thailand International Postgraduate Programme (TIPP) Scholarships

Thai Government/Ministry of Foreign Affairs

Duration: Varies depending on the programme

Location: Thailand (universities participating in the TIPP programme)

Available Language: English



Website

Description

TIPP is a scholarship programme offered by the Thai Government's Ministry of Foreign Affairs. It provides scholarships for students from developing countries to pursue postgraduate studies in various fields, including environmental sciences and sustainability.

Qualification Requirements

Specific requirements may vary depending on the programme and university offering the scholarship.

Application

For application details and information, visit this website:
<https://tica-thaigov.mfa.go.th/en/page/tipp?menu=605b13abb6f1b76ed31778b2>

Green Scholarships

5 Chulabhorn Graduate Institute (CGI) Scholarships

Chulabhorn Graduate Institute (CGI)

Duration: 2 years for Master's Degree and 3 years for Doctoral Degree

Location: Bangkok, Thailand

Available Language: English



Website

Description

CGI offers scholarships to ASEAN nationals for postgraduate studies in applied biological sciences, environmental sciences, and chemical sciences. The focus is on scientific research that addresses environmental and health issues.

Qualification Requirements

Applicants must be under 30 years old, hold a bachelor's degree in a related field, have a good academic record, and meet other specific requirements for each programme.

Application

For application details and information, visit this website: <https://www.cgi.ac.th/admission/scholarship/>

5

GREEN JOBS



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Green Jobs

Green jobs provide young people with a unique opportunity to not only create a meaningful impact on the world, but also build a sustainable career. These jobs, which encompass a wide range of sectors, including traditional industries like manufacturing, technology, renewable energy, construction, transportation, water and waste management. Given the global focus on sustainability and eco-friendly practices continues to grow, the significance of green jobs stands at the forefront of the worldwide shift towards a low-carbon economy. Green jobs are crucial means for tackling environmental issues, while simultaneously driving economic growth, creating more career opportunities, offering higher wages, reducing susceptibility to automation, promoting re-skilling and up-skilling, and contributing to cost savings, efficiency improvements, and healthier workplaces (Manpower, 2022). Despite the challenges brought forth by the COVID-19 pandemic, there has been an increase in the proportion of green jobs compared to total jobs. This rise in green employment can be attributed to the expanding interest of corporations in sustainability and the green economy, as well as initiatives promoting sustainable practices. Through their practicality and effectiveness, green jobs provide a tangible and promising pathway towards achieving a more sustainable future.

Key Benefits of Green Jobs

- Provide the opportunity to pursue a career that aligns with a passion for the environment. Working in sectors such as energy, sustainable agriculture, or environmental consulting allows individuals to make a tangible difference in protecting the planet for future generations.
- Offer greater job security and long-term prospects. As governments and businesses invest more in renewable energy and sustainability initiatives, the demand for skilled professionals in these sectors continues to rise, providing individuals with stable career options.
- Foster innovative and creative thinking. The need for sustainable technologies and practices encourages individuals to think outside the box, develop new solutions, and contribute to the advancement of green industries.
- Encompass a wide range of sectors, offering diverse job opportunities to individuals with different backgrounds and skills. Whether engineering, policy-making, or research, multiple roles are available in the green job market, catering to different interests and expertise.

Green jobs play a pivotal role in limiting greenhouse gas emissions, curbing pollution and wastage of natural resources, and actively working towards the restoration and preservation of ecosystems (ibid). As we adapt to the impacts of climate change, the demand for these jobs continues to soar, offering an opportunity to build a better future for generations to come. This resource guide lists the 15 most common green job roles, with the aim to shed light on the opportunities offered by green jobs in order to inspire young individuals, organizations, and policymakers to embrace these environmentally conscious career paths, fostering an effort towards a more sustainable future.

Green Jobs

1 Environmental Engineer

Environmental engineers are problem-solvers who find innovative solutions to environmental issues. Their primary duties include collecting and analyzing environmental data, studying human influences on the environment, and improving environmental conservation management.

Qualification Requirements

- Bachelor's or Master's degree in environmental, civil, or Mechanical Engineering
- PE (Professional Engineering) license

Key Skills & Competencies

- Analytical mindset
- Problem-solving skills
- Communication skills

2 Sustainability Officer

Sustainability officers are responsible for managing the sustainability efforts of their organization. They may work with a variety of stakeholders—from executives to engineers to accountants—to develop and implement strategies that help their company reduce its environmental impact while also increasing its profitability.

Qualification Requirements

- Have a minimum of a bachelor's degree in environmental science, sustainability, environmental studies, natural resources or a similar field

Key Skills & Competencies

- Leadership skills
- Communication skills
- Research skills
- Problem-solving skills
- Critical thinking

Green Jobs

3 Environmental Health and Safety Officer

Environmental health and safety officers are responsible for ensuring that the workplace is safe, healthy, and compliant with all relevant regulations. They commonly work in industrial settings where they monitor equipment, chemicals, and other materials to ensure that everything is handled properly and nothing poses a risk to workers or the environment.

Qualification Requirements

- Bachelor's degree in environmental science, environmental health, environmental management, environmental engineering, or a related field

Key Skills & Competencies

- Technical knowledges
- Leadership skills
- Teamwork skills
- Problem-solving skills

4 Environmental Scientist

Environmental Scientists apply their knowledge of natural sciences to develop ways to save the environment and protect human health. Their main duties include collecting and analyzing samples of food, soil, air and water; building plans to fix and prevent common environmental issues and educating organizations and the public on potential environmental health hazards.

Qualification Requirements

- Bachelor's degree in environmental science or a similar field such as chemistry, physics, biology or environmental engineering

Key Skills & Competencies

- Analytical skills
- Problem-solving skills
- Self-management
- Communication skills

Green Jobs

5 Agronomist

An agronomist is a scientist who specializes in the study and care of crops. They critically examine plants to determine how to fight diseases, nurture growth and improve production quality. They also serve as intermediaries between farmers and agricultural researchers, acting as liaisons during discussions about crop development, harvesting, and distribution. Agronomists meet with researchers to review the results of agricultural tests and experiments. Then, they take this information to local farmers and find ways to practically apply the research.

Qualification Requirements

- Bachelor's degree in agriculture, agronomy or agronomic research from an accredited college or university

Key Skills & Competencies

- Communication skills
- Collaboration skills
- Critical thinking

6 Solar Engineer

A solar engineer is a professional who specializes in using sunlight to generate electricity. They plan, design and execute solar energy projects and manage everything from residential rooftop installations to large-scale municipal projects. Solar engineers work in manufacturing and construction and also perform maintenance on solar power plants and solar power materials.

Qualification Requirements

- Bachelor's degree, preferably in electrical or mechanical engineering. Solar engineers also pursue degrees in civil engineering, chemistry, computer science or other related fields, often with a concentration in solar energy
- Hold a state license as a professional engineer (PE)
- Understanding of modeling software (such as AutoCAD) and data analysis and modeling software specific to photovoltaic (PV) systems

Key Skills & Competencies

- Interpersonal skills
- Management skills

Green Jobs

7 Water Resource Engineer

A water resource engineer is a specialized professional who helps design and implement new water resource equipment and systems. These systems provide clean and uncontaminated water for nearby residents, including recreational, living, and drinking water. Water resource engineers design and install these systems for a community and handle their maintenance and upgrades.

Qualification Requirements

- Bachelor's degree in civil or environmental engineering, focusing heavily on water-based engineering concepts
- Hold a state license as a professional engineer (PE)

Key Skills & Competencies

- Design and execution
- High-level math
- Precision-work skills
- Patience and persistence
- Organization

8 Sustainability Coordinator

Sustainability coordinators are responsible for overseeing the implementation of sustainability initiatives within their organization. They commonly work with a wide range of stakeholders—from executives to engineers, designers, and other professionals—to ensure that all aspects of the business are working toward the same goal.

Sustainability coordinators may also be tasked with developing new ways to reduce waste or increase efficiency in order to meet these goals. This might include anything from creating recycling programmes to finding ways to reuse materials internally.

Qualification Requirements

- Bachelor's degree in environmental science, sustainability, environmental studies, biology, ecology or a related field

Key Skills & Competencies

- Communication skills
- Time management
- Research skills
- Project management
- Organizational skills

Green Jobs

9 Energy Consultant

Energy consultants are typically employed by government agencies, large manufacturing plants, and consultancy firms to suggest cost-effective ways to improve energy usage. They gather and analyze energy usage data, develop energy management plans, and ensure that companies are compliant with environmental legislation.

Qualification Requirements

- Bachelor's degree in earth science, environmental engineering, energy management, or related field

Key Skills & Competencies

- Sound knowledge of the renewable energy market
- Analytical and problem-solving skills
- Project management skills
- Communication skills
- Detail-oriented

10 Environmental Educator

Environmental educators are responsible for teaching students about the environment and how to protect it. They may focus on a variety of topics, including ecology, conservation, wildlife management, sustainability, or other related subjects.

Environmental educators often work in schools or other educational institutions, but they may also be employed by government agencies or nonprofit organizations. Regardless of where they work, their job is to educate others about environmental issues and inspire them to take action to help preserve our planet's natural resources.

Qualification Requirements

- Bachelor's degree in environmental science, biology, ecology or a similar field
- Receive on-the-job training on teaching environmental education, including shadowing environmental educators
- Acquired license to teach in public schools

Key Skills & Competencies

- Leadership skills
- Collaboration
- Critical thinking
- Communication skills
- Adaptability

Green Jobs

11 Climate Change Analyst

A climate change analyst assesses the impact of climate change on various sectors, such as the environment, economy, public health, and infrastructure. They study climate data, scientific research, and modeling to understand the causes and consequences of climate change. Climate change analysts analyze and interpret data to identify trends, patterns, and potential future scenarios related to climate change. They assess risks, vulnerabilities, and opportunities associated with climate change and develop strategies to mitigate its effects and adapt to the changing climate.

Qualification Requirements

- Bachelor's degree in science, with a major in areas such as environmental science, earth science, climatology or meteorology

Key Skills & Competencies

- Problem-solving skills
- Ability to analyse and research information
- Good report writing skills
- Strong interest in climate and the environment
- Computing skills

12 Marine Engineer

Marine engineers design, construct, maintain, and repair a variety of maritime vessels including cargo ships, cruise liners, and oil rigs. They apply their engineering knowledge and technical skills to a variety of systems including structural, propulsion, electrical, and hydraulic mechanics.

Qualification Requirements

- Bachelor's degree in marine engineering or similar
- Relevant coast guard engineer license
- Sound knowledge of maritime software such as human machine interface (HMI) and programmable logic controller (PLC) control systems

Key Skills & Competencies

- Analytical thinking
- Problem-solving skills

Green Jobs

13 Environmental Technician

Environmental technicians typically work under the direction of environmental scientists. They monitor the environment and investigate sources of pollution by performing laboratory and field tests. They might be part of a team that includes scientists, engineers, and technicians from other disciplines, working together to solve complex environmental problems that affect public health.

Qualification Requirements

- An associate degree or a certificate in applied science or science-related technology

Key Skills & Competencies

- Observational skills
- Communication skills
- Critical thinking skills
- Reading comprehension skills

14 Energy Auditor

Energy auditors use a systemised approach to measure, record, and evaluate the flow of energy, to determine efficient energy use and to pinpoint energy wastage. Energy auditors might also be known as environmental auditors or greenhouse auditors.

Qualification Requirements

- A degree in an area such as civil engineering, environmental engineering, environmental science, or a related field
- An interest in sustainability and reducing energy usage

Key Skills & Competencies

- Analytical thinking and problem-solving abilities
- High attention to detail and accuracy
- Strong organizational and project management skills
- Communication skills

Green Jobs

15 Environmental Officer

Environmental officers play a critical role in protecting and preserving the environment. They are responsible for ensuring that organizations are in compliance with environmental regulations and laws and work to minimize the negative impact of human activities on the environment.

Qualification Requirements

- Bachelor's degree in environmental science, environmental engineering, biology, or a related field is typically required
- Professional Certifications such as Certified Environmental Professional (CEP) or the Occupational Health and Safety Management Systems (OHSMS)

Key Skills & Competencies

- Knowledge of environmental regulations and laws
- Familiarity with environmental technologies and best practices
- Compliance monitoring and documentation skills
- Data analysis skills



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