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# Beasiswa Indonesia

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## AFS Global STEM Academies

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The **AFS Global STEM Academies** combine digital and in-person learning, gathering youth from more than 18 countries worldwide, in which scholars enrich their sustainability knowledge and STEM skills through interactive, hands-on curriculum, while developing critical global competencies, including problem-solving, analytical skills, intercultural understanding, and social innovation.

The Academies begin with a 12-week virtual e-learning curriculum (from home), engaging in global competence skills, social impact, and sustainability-focused workshops, with content co-developed by AFS and the University of Pennsylvania Center for Social Impact Strategy. The virtual portion of the program culminates with student-led social impact projects and presentations that offer potential solutions to real-world challenges, with an emphasis on sustainability and the UN Sustainable Development Goals, including the topics of climate change and the energy transition.

After completing the virtual curriculum, Academy scholars travel on a 4-week immersive experience to one of the six Academy destinations: Brazil, China, Egypt, Europe, India, or the USA. Academy programming focuses on critical STEM skills and intercultural understanding for global sustainability, as well as local cultural immersion. Scholars participate in community service and have the opportunity to visit local innovative, sustainability focused operations to see first-hand how companies and organizations are using STEM skills in practice to address industry and societal challenges, particularly around sustainability.

Program scholars earn the Advanced Certificate on Global Competence for Social Impact, awarded by AFS and the University of Pennsylvania Center for Social Impact Strategy.

### Where will you go?

All Academy scholars start with a 12-week interactive online curriculum (from home), engaging in content on global competence skills, social impact, and sustainability. The virtual portion of the program culminates with student-led social impact projects and presentations that offer potential solutions to real-world challenges, with an emphasis on climate change and the energy transition. After completion of the online curriculum, scholars then travel on a 4-week study abroad experience in one of the following destinations.

### Brazil

Explore innovations in renewable energy in the coastal city of Natal, Brazil. In Natal, on Brazil's northeast Atlantic coast, scholars will meet with professors and learn about their research at the Federal University of Rio Grande do Norte, while taking field trips to the International Institute of Physics, the Brain Institute, and the Digital Metropolis Institute. Learn about the importance of biofuels and alternative energy production, and meet with STEM professionals and mentors. This immersive Academy includes a homestay weekend with a Brazilian family (depending on Covid-19 protocol at the time of hosting) and activities with Brazilian high schoolers, as well as Portuguese language classes and workshops to build intercultural leadership and global citizenship skills.

## USA

Get ready for a summer of hands-on discovery in the diverse, cosmopolitan city of Houston, Texas, USA, the “Energy Capital of the World.” Explore innovative digital technologies that help power global cities, including supercomputing and wind turbines. Learn about Houston’s Climate Action Plan and the city’s shift towards climate-resilient, sustainable development. Visit world-renowned sites such as NASA’s Johnson Space Center and participate in a community service project to help protect the wetlands and coastal habitats of Galveston Bay. Additional activities for the program may include a tour of the Texas Medical Center (the largest medical center in the world) and a chance to experience Greentown Labs – an energy hub supporting climate-tech startups and leading the way in renewable energy and decarbonization. Scholars will be hosted in dorms at the University of Houston, and experience American culture through interaction with local high-school students and Houston’s cultural events such as Theatre Under the Stars.

## Egypt

In the “cradle of civilization”, explore ancient engineering wonders such as the Great Pyramids, as well as the unique environmental sustainability practices in the modern city of Cairo. Scholars will engage in several STEM (or rather STREAM – adding Art & Robotics) focused fields: robotics to solve the climate change problems in green houses and activities related to climate change through hands-on STEM activities, both in the field and conducted in laboratories at Zewail City of Science, Technology. They will also attend several art and Egyptian folkloric dance workshops. In addition to a homestay experience with a local Egyptian host family, scholars will have the opportunity to take Arabic language classes and volunteer alongside local youth in community service projects.

## China

Learn about the future of mobility, innovation, and sustainable energy in China. Scholars will be hosted at one of China’s top STEM schools in Chengdu, the capital of southwestern China’s Sichuan province, renowned for its rich history, tradition, and innovation. Meet with bp and Volvo China leadership and learn about innovations in manufacturing and marketing, aviation fuel, retailing, and chemical technology. Visit Volvo Cars’ first manufacturing plant in China, as well as the Volvo Innovation Hub, which is partnering with bp China to advance energy solutions and sustainable development. Embark on immersive field trips including the famous Chengdu Research Base of Giant Panda Breeding, a conservation center where scholars will learn about endangered giant pandas in their natural habitat.

## India

Rich culture intersects with leading research and development in India. Scholars will engage in hands-on workshops on topics such as robotics and technology-driven software, complete service leadership projects, embark on field trips and meet with energy industry leaders. Connect with local professionals and learn more about global careers in the STEM and sustainability fields. Learn about India’s innovations in mobility, including lower-emission fuels, electric vehicle charging and other lower-carbon solutions, along with its demand to meet the fastest-growing fuels market in the world. With tours of iconic landmarks and extracurricular activities like music, dance, and art to enrich the Academy, scholars will develop a deeper understanding of India’s uniquely diverse culture and history.

*For more information, please visit: [scholarshipstips.com](https://scholarshipstips.com).*

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1. Full Tuition Fee LLM Scholarships, University of Warwick, UK
  2. Fully Funded Scholarships – Qatar University
  3. Fully Funded Scholarships, Taiwan
  4. Fully Funded Scholarships, Bond University, Australia
  5. Fully Funded Art Major Asian plus Scholarships, Korea National University of Arts, South Korea
  6. Full Funded VLIR-ICP Master Scholarships, KU Leuven, Belgium
  7. Fully Funded Undergraduate Scholarships, Singapore Management University
  8. Fully Funded Fulbright Distinguished Awards in Teaching Program, USA
  9. Fully Funded Scholarships, Sun Moon University, South Korea
  10. Fully Funded Scholarships, Pukyong National University, South Korea
  11. Fully Funded Scholarships, Yonsei University, South Korea
  12. Fully Funded Scholarships, Korea Advanced Institute of Science and Technology, South Korea
  13. Fully Funded Scholarships, Yeungnam University, South Korea
  14. Fully Funded Scholarships, University of Seoul, South Korea
  15. Fully Funded Scholarships, Ulsan National Institute of Science and Technology, South Korea
  16. Fully Funded Scholarships, Sungkyunkwan University, South Korea
  17. Fully Funded Scholarships, Sunchon National University, South Korea
  18. Fully Funded Scholarships, Sogang University, South Korea
  19. Fully Funded Scholarships, Seoul National University of Science and Technology, South Korea
  20. Fully Funded Scholarships, Seoul National University, South Korea
  21. Fully Funded Scholarships, Pusan National University, South Korea
  22. Fully Funded Scholarships, Pohang University of Science and Technology, South Korea
  23. Fully Funded Scholarships, Kyungpook National University, South Korea
  24. Fully Funded Scholarships, Kyung Hee University, South Korea
  25. Fully Funded Scholarships, University of New England, Australia

26. Fully Funded Scholarships, Kunsan National University, South Korea
27. Fully Funded Scholarships, Kookmin University, South Korea
28. Fully Funded Scholarships, Kangwon National University, South Korea
29. Fully Funded Scholarships, Jeonbuk National University, South Korea
30. Fully Funded Scholarships, Hoseo University, South Korea
31. Fully Funded Scholarships, Hanyang University, South Korea
32. Fully Funded Scholarships, Gyeongsang National University, South Korea
33. Fully Funded Scholarships, Ewha Womans University, South Korea
34. Fully Funded Scholarships, Dongseo University, South Korea
35. Fully Funded Scholarships, Dongguk University, South Korea
36. Fully Funded Scholarships, Dankook University, South Korea
37. Fully Funded Scholarships, Chungnam National University, South Korea
38. Fully Funded Scholarships, Chung-Ang University, South Korea
39. Fully Funded Scholarships, Chonnam National University, South Korea
40. Fully Funded Scholarships, Ajou University, South Korea
41. Fully Funded Graduate Scholarships for International Students, South Korea
42. Fully Funded Fulbright Foreign Language Teaching Assistant, USA
43. Fully Funded Scholarships, CERGE-EI, Czech Republic
44. Full Tuition Fee Scholarships for Female Students from Developing Countries, Swansea University, UK
45. Diploma & Undergraduate Scholarships – Van Deventer-Maas Indonesia
46. Master Scholarships, University of Twente, Netherlands
47. Fully Funded Sport Management Scholarships, Seoul National University, South Korea
48. Fully Funded ADB JSP Scholarships, Asian Institute of Technology, Thailand
49. Undergraduate Maths Scholarships for International Students, University of Edinburgh, UK
50. Fully Funded Scholarships in Singapore
51. Tuition + Living Allowance Scholarships, University of Waikato, New Zealand
52. Fully Funded Scholarships, King Fahd University of Petroleum and Minerals, Saudi Arabia
53. Fully Funded Scholarships, Okinawa Institute of Science and Technology, Japan
54. Master Scholarships, Faculty of Medicine, Imperial College London, UK
55. Fully Funded Australia Awards Scholarships
56. Fully Funded GCE A Level Scholarships for Indonesian Students, Singapore
57. Fully Funded Graduate Scholarships, Korea Advanced Institute of Science and Technology (KAIST), South Korea
58. Full Tuition Fee Fashion Scholarships, International Fashion Academy, France
59. Fully Funded Undergraduate Scholarships, Singapore
60. Fully Funded Master Scholarships, Kyoto University, Japan
61. Fully Funded Scholarships, Kochi University of Technology, Japan
62. Fully Funded Scholarships, Mohamed bin Zayed University of Artificial Intelligence, UAE
63. Fully Funded Scholarships in Astronomy, University of Cambridge, UK
64. Fully Funded Scholarships – International University of Japan

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1. Beasiswa Youth Ekselensia Scholarship - Lembaga Pengembangan Insani Dompot Dhuafa
  2. Art Major Asian plus Scholarship, Korea National University of Arts
  3. Beasiswa Hyundai Motor Chung Mong-Koo Foundation - Universitas Gadjah Mada
  4. Nailekhanim Foundation Scholarship, Khazar University, Azerbaijan
  5. ASEAN Undergraduate Scholarship, Singapore Management University, Singapore
  6. Fulbright Foreign Language Teaching Assistant (FLTA), American Indonesian Exchange Foundation, USA
  7. Eira Francis Davies Scholarship, Swansea University, UK
  8. Beasiswa Mahasiswa - Pemerintah Kota Pekanbaru
  9. Beasiswa Master 2, Prancis
  10. Beasiswa Tematik, Prancis
  11. Beasiswa Kartini Sains, Prancis
  12. Beasiswa France Excellence S2, Prancis
  13. Beasiswa France Excellence D3 / S1, Prancis
  14. University of Waikato Doctoral Scholarship, New Zealand
  15. Asian Development Bank - Japan Scholarship Program (ADB-JSP), Asian Institute of Technology, Thailand
  16. University of Twente Scholarship (UTS), Netherlands
  17. Australian Government Research Training Program (RTP) Scholarship, Bond University, Australia
  18. Australia Awards Scholarships
  19. Faculty of Medicine Dean Master Scholarships, Imperial College London, UK
  20. President's PhD Scholarships, Imperial College London, UK
  21. International Graduate Scholarships, Korea Advanced Institute of Science and Technology (KAIST)
  22. Asian Future Leaders Scholarship Program, Kyoto University, Japan
  23. International Fashion Academy Scholarships, Paris
  24. Beasiswa Bantuan Penelitian - Bank Indonesia Institute
  25. Special Scholarship Program (SSP), Kochi University of Technology, Japan

26. Beasiswa Mahasiswa Berprestasi Non Akademik - Provinsi Kalimantan Barat
27. Beasiswa Ajinomoto, Jepang
28. Future Leader Scholarship, LASALLE College of the Arts, Singapore
29. Beasiswa Talenta Atlet, Seni dan Sains - Universitas Muhammadiyah Yogyakarta (UMY)
30. Beasiswa Kader Unggulan Muhammadiyah (KAUM) - Universitas Muhammadiyah Yogyakarta (UMY)
31. Beasiswa Hafizh Muhammadiyah - Universitas Muhammadiyah Yogyakarta (UMY)
32. Beasiswa Dokter dan Dokter Gigi Muhammadiyah - Universitas Muhammadiyah Yogyakarta (UMY)
33. International Higher Education Scholarship Program, Taiwan
34. Talent Scholarship - Qatar University
35. PhD Scholarships in Economics, CERGE-EI, Czech Republic
36. Fulbright Distinguished Awards in Teaching Program for International Teachers (Fulbright DAI), USA
37. International Students Scholarship - Qatar University
38. Beasiswa Jalur Prestasi, D3 Teknologi Pengolahan Kelapa Sawit, Institut Teknologi dan Sains Bandung
39. Beasiswa SMART Mills - PT Sinar Mas Agro Resources and Technology Tbk
40. Beasiswa SMART Agro - PT Sinar Mas Agro Resources and Technology Tbk
41. Vice Chancellor's International Excellence Scholarship, University of Waikato, New Zealand
42. Boustany Astronomy Scholarship, University of Cambridge, UK
43. Beasiswa Van Deventer-Maas Indonesia
44. Boustany Cambridge Pembroke Scholarship in Philosophy, University of Cambridge, UK
45. Vice-Chancellor's International Scholarships Scheme, University of Sydney, Australia
46. Edinburgh Global Undergraduate Mathematics Scholarships, University of Edinburgh, UK
47. PhD Scholarships, Singapore International Graduate Award (SINGA)
48. Fulbright / Kennedy Center Fellowship, AMINEF, USA
49. PhD Scholarships, United Arab Emirates University, UAE
50. International Postgraduate Research Award (IPRA), University of New England, Australia
51. ASEAN Scholarships for Indonesia by Ministry of Education, Singapore
52. Master and PhD Scholarships, King Fahd University of Petroleum and Minerals, Saudi Arabia
53. Fully Funded PhD Scholarships, Okinawa Institute of Science and Technology Graduate University, Japan
54. LSHTM Fund Scholarship, London School of Hygiene & Tropical Medicine, UK
55. Dr Goh Keng Swee (GKS) Scholarship for Undergraduate Students, Singapore
56. Graduate Scholarships, Mohamed bin Zayed University of Artificial Intelligence, UAE
57. Master & PhD Scholarships, Honjo International Scholarship Foundation, Japan
58. ASEAN Graduate Scholarship, Nanyang Technological University, Singapore
59. Bond University Postgraduate Research Scholarship (BUPRS), Australia
60. VLIR-ICP Master Scholarships, KU Leuven, Belgium

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