



UNIVERSITAS NEGERI YOGYAKARTA

SUSTAINABLE DEVELOPMENT GOALS REPORT 2021





OUR COMMITMENT

"UNY is committed to eradicate poverty through providing financial assistance for students from low-income families, research projects related to solutions to poverty problems, and community service programs."

OUR PROGRAMS AND POLICY ON NO POVERTY

Bottom financial quintile admission target

In the student admission process, UNY openly provides equal opportunities for prospective students from various economic backgrounds. UNY specifically facilitates learning opportunities that are supported by [scholarship schemes](#). There are 6153 UNY students who study with scholarship support. In addition, UNY also applies tuition payments based on 7 levels of Single Tuition Fee ([UKT](#)) rates.



Nur Milati and Sayidatul Maslahah graduated at UNY with satisfactory academic achievement

Bottom financial quintile student success

UNY students from low-income families have the same opportunity to excel academically and non-academically. [Sayidatul Maslahah and her sister, Nur Milati](#), are examples of UNY students who have successfully completed their studies at UNY through a scholarship scheme.



Food support for UNY Students
From Kompas Grup- Foodbank of Indonesia (FOI)

Low-income student support

UNY provides financial support through scholarship programs, [adjustment of tuition fee scheme](#), assistance with internet data packages during the COVID-19 pandemic, assistance with treatment costs for students and lecturers who are positive for COVID-19, Student Employment and other assistance.

Low or lower-middle income countries student support

There are 2 UNY schemes for international students who come from low-income countries. First, the KNB Scholarship (Developing Country Partnership) and the YSU-DISS Scholarship. Second, the Students Employment program.

Local start-up assistance

UNY encourages students to have an entrepreneurial spirit through lectures and support in establishing various start-ups according to the interests and areas of expertise of UNY students. UNY conducts coaching through the UNY Business Incubator. To measure the development of Start-ups, start-up founder students are encouraged to take part in competitions for start-ups.



UNY Business Incubator Team

Local start-up financial assistance

UNY provides financial support for local start-ups through several schemes. First, the UNY Study Program Start Up Grant scheme. In this scheme, submissions are made by UNY students who carry out activities in the local community. Second, the startup incubation program. Through this program, in 2021 there will be 18 start-ups participating in the selection. Start-ups that pass the selection will receive a startup development assistance fund of Rp. 40 million.



Start-up coaching at Faculty of Sport Sciences UNY

Programmes for services access

Education is one of the catalysts for social mobility for people with low incomes. UNY, through various community services schemes, has carried out various trainings and mentoring, the goal of which is to open up opportunities for job creation and open up opportunities to increase income. In 2021, UNY has conducted ecoprint training, food processing innovation training, dish soap

making training and water hyacinth craft training. UNY has also carried out assistance in the tourism village scheme, and the development of MSMEs. To support the implementation of the program in a measurable manner, UNY already has a Community Service Program Guideline.

Policy making addressing poverty

UNY has several policies to address the problem of poverty. For UNY students, the policies that have been made are related to scholarship facilitation, categorization of tuition fees based on financial ability, opportunities to adjust tuition fees, opportunities to become student employment, and other financial assistance. UNY through various community service programs, seeks to open up business opportunities for the community through business trainings for the general public, development of fostered villages, and assistance to MSMEs.

OUR DEVELOPMENT IN NUMBERS

6153

Number of UNY students who received financial assistance

5711

Number of UNY students from low income family who received financial assistance

119

Number of UNY international students from lower-middle income countries

17++

Number of Scholarship Schemes

2

Number of International Scholarship Schemes



OUR COMMITMENT

"UNY is committed to ending hunger, achieving food security, improving nutrition and promoting sustainable agriculture through healthy campus canteens, promotion of alternative food and innovation of local food ingredients"

OUR PROGRAMS AND POLICY ON ZERO HUNGER

Campus food waste tracking

UNY supports the development of innovative [sustainable waste management applications](#). Through this application, [waste from various sources](#) can be managed effectively and efficiently.



Waste management application

Campus food waste

Our canteen used a [composter](#) as an effort to reduce canteen waste.

Student food insecurity and hunger

UNY already has [canteens](#) spread across every faculty and PPs. UNY opens opportunities for [canteen management cooperation](#) with 3rd parties. UNY students also get convenience from the many [canteens around the campus](#). [Plaza UNY](#), as UNY's Entrepreneurship Laboratory, also has a foodcourt with good food choices, and affordable prices.

Students and staff hunger interventions

In particular, during the covid-19 pandemic, UNY students received [food aid packages](#). Food packages are also provided for [UNY international students](#) who have not been able to return to their country.



Food support for UNY Students
From [Kompas Grup- Foodbank of Indonesia \(FOI\)](#)

Access to food security knowledge

Access to knowledge related to food safety can be accessed through [course on food safety](#), UNY [food technology experts](#), and [UNY library collections](#).

Events for local farmers and food producers

UNY seeks to answer food issues through various [innovations to strengthen food production](#), [food product development innovations](#), and support for food business development through [training](#) and [mentoring](#). UNY has also developed a [local food-based entrepreneurship program](#) to support Indonesia's local food potential. UNY students as potential entrepreneurs in the culinary field are also constantly challenged to [innovate](#) and participate in [culinary exhibitions](#).



PEKSI Bird Repellent



Canteen at Faculty of Economics UNY



UNY student innovation -Mille Crepes made from red sorghum



Partnership with the community- UNY Culinary Park, officially started since 2011

OUR DEVELOPMENT IN NUMBERS

307

Number of undergraduate graduates related to agriculture and aquaculture including sustainability aspects

134

Number of masters graduates related to agriculture and aquaculture including sustainability aspects

703

Number of graduates in agriculture and aquaculture including sustainability aspects

7.48 metric tons

Total food waste

15

Number of research projects

10

Number of Community Services



OUR COMMITMENT

"UNY is committed to realizing a healthy life and promoting superior health quality through the provision of sports facilities, health facilities, and mental health services."

PROGRAM GOOD HEALTH & WELL-BEING UNY

Good health and well-being: publications

There are 48 Scopus publications and 233 Google Scholar publications related to good health and well-being.

Current collaborations with health institutions

UNY has collaborated with [PKU Muhammadiyah Jatinom Hospital](#), [Mutiara Hati Hospital](#) in Mojokerto, and [Grhasia Yogyakarta Mental Hospital](#). The collaborations that have been carried out are in the form of student apprenticeships, community service activities, and joint research.

Health outreach programs

The Faculty of Sports Science, UNY, has initiated the establishment of a [football and volleyball school in Klaten](#). In addition, since 2019 UNY has also opened access to the [Health and Sport Center](#) for the public.



Health and Sport Center UNY

Shared sports facilities

UNY has many sports facilities that are accessible to the public. In particular, UNY also [renting various sports facilities](#).



Football Field



Swimming Pool



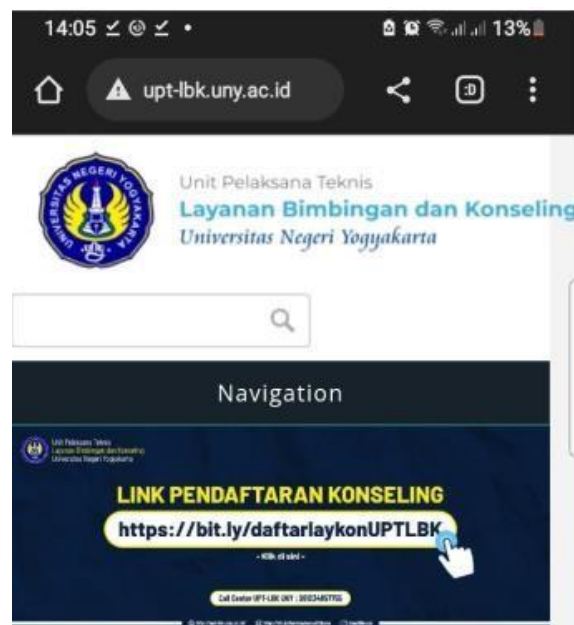
Fitness Center



Sport Hall of UNY

Mental health support

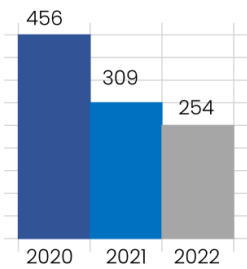
[UPT LBK UNY](#) through [e-counseling](#) provides opportunities for students, lecturers and staff to get free mental health services.



Procedure for counseling services at UPT LBK UNY:

1. Online and offline registration
2. Initial assessment
3. Counseling
4. Evaluation of counseling by students.
5. Counseling report by counselor.

Based on the number of people undergoing counseling sessions in 2020-2022, there is a downward trend in the number. This proves that UNY mental health services are working well with positive results.



Number of people undergoing counseling sessions in 2020-2022

Research on Mental Health

Based on the results of a survey conducted by the Counseling Center Service Unit of UNY that the [highest problems experienced by students](#) were personal problems at 58.02% while learning difficulties were 19.81%, social problems at 15, 82% and career problems at 1, 96%.

The results of the international collaboration research that has been carried out by the counseling center regarding the occupational stress of lecturers at UNY and the factors causing it. With a population of 1023 people, the research sample is 212 people. The results show the stress level of FE lecturers = 44.4% FMIPA lecturers = 33.3%, FIP lecturers = 27.1%, FBS lecturers = 21.1%, FT lecturers = 18.2%, FIS lecturers = 13.3% , FIK Lecturer = 4.8%.

There are 3 factors that cause stress in UNY lecturers:

- Physical Health 28.4%
- Psychological tensions 39.1%
- Mental well-being 32.5%

Smoke Free Policy

In accordance with the [UNY Rector's Regulation Number 3 of 2013](#), the smoking-free area at UNY consists of public places, health facilities, service workplaces and special places designated for teaching and learning activities, children's activity areas and places of worship.

OUR DEVELOPMENT IN NUMBERS

48

Scopus Research article Publication

233

Google Scholar article Publication

149

Research Project

115

Community Service



OUR COMMITMENT

“As a higher education institution that used to be a teacher training institution, Universitas Negeri Yogyakarta is committed to the establishment of quality education for everyone at all levels of schooling and education”

OUR PROGRAMS AND POLICY ON QUALITY EDUCATION

Public resources (lifelong learning)

There are 22 Scopus publications and 9010 Google Scholar publications related to quality education

Public events (lifelong learning)

UNY has held [culinary exhibitions](#), [fashion exhibitions](#), [young dalang festivals](#), [dance performances at museums](#), [international conferences](#), and [museum talk shows](#) that can be attended by the public both online and offline.



Festival dalang cilik at UNY

Vocational training events (lifelong learning)

Vocational training for the community is usually carried out by UNY in a community service scheme. Some of the training that is often given are:

1. [Ecoprint training](#). Through this training, the community can use leaves and other natural materials to produce fabrics with unique patterns
2. Training on [recycling plastic waste](#), [recycling quail farm waste](#), and [recycling corn cobs](#).



Quail waste fertilizer processing



Corn Cob Recycling training

3. Training on [cake making](#), [making seafood-based products](#), making [tempe from rubber seeds](#)

Education outreach activities beyond campus

UNY regularly seeks to implement programs to strengthen the quality of education in the community through collaboration with local governments, and community services.

Lifelong learning access policy

UNY is one of the universities in Indonesia that has won the trust of the Ministry of Education, Culture, Research and Technology (Kemendikbudristek) to organize the Past Learning Recognition Program ([RPL](#)) in accordance with Permendikbudristek No.41 of 2021. Through the RPL program at UNY, the

community has the opportunity to learn lifelong through formal education at the Higher Education level. This program also opens opportunities for people who due to various reasons have dropped out of their studies or cannot continue their education in higher education but have relevant competency work experience to continue their studies to the higher education level.

UNY's RPL Program Capacity

1650

Bachelor Degree
(55 study programs in 7 faculties)

600

Master Degree
(30 master study programs in 7 faculties & Graduate School)

2,250

Total RPL Capacity

OUR DEVELOPMENT IN NUMBERS

36904

Students

21

Special need
student

119

International Students
from developing countries

800++

RPL Students

87.5 %

Teaching qualification study programs

(Include : 1. Special education; 2. Non-Formal education;
3. Educational Policy; 4. Educational management;
5. Guidance and Counselling)



UNY Swara Wadhana Student Choir

OUR COMMITMENT

"UNY is committed to gender equality and ending all gender-based discrimination for upholding human rights and economic development, reducing poverty, and gaining opportunities to govern effectively."

OUR PROGRAMS AND POLICY ON GENDER EQUALITY

Tracking access measures

The admission selection for prospective students of UNY is open to prospective female and male students. This open access can be seen in the information on the admissions page regarding the capacity and interest for [applied undergraduate](#), [undergraduate](#), [master](#), and [doctoral](#) levels, which do not differentiate between quotas for women and men. Regarding the graduation rate, in the last few graduations, quite a lot of students graduated with a fairly high GPA.



[Dita Ardwiyanti successfully graduated with a 4.00 GPA](#)

Policy for women applications and entry

Regarding UNY's new student admissions, UNY already has a policy as stated in the UNY Rector's Regulation No. 15 of 2019 regarding admission services. This regulation has been prepared in accordance with the [Regulation of the Minister of Research, Technology and Higher Education of the Republic of Indonesia No. 2 of 2015](#). In accordance with the Ministerial Regulation, UNY's new student admissions are held on a fair principle (no distinction between religion, ethnicity, race, gender, age), social position, and economic ability of prospective students), accountable (according to clear procedures and criteria), and transparent (implementation of admission is carried out openly and the results of the implementation can be accessed by all parties easily).

To encourage more interest from prospective UNY female students for study programs with rare number of female students, UNY [promotes scholarship programs in UNY's Mechanical, Electrical, and Civil Engineering study programs](#).

Policy of non-discrimination against women

As a part of UNY commitment to the implementation of good corporate governance, and in order to prevent and carry out early detection of possible violations, UNY has developed a Whistleblowing System ([WBS](#)) which can be accessed online. This system is in line with efforts to prevent violence against women as stated in the [Rector's Regulation no. 6 of 2022](#).



wbs.uny.ac.id website for [Whistleblowing System](#)

Childcare facilities for students

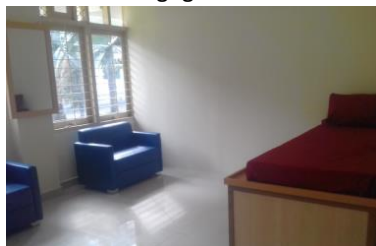
In addition to having an Early Childhood Education study program, UNY also has a daycare center and a KB-TK Pedagogia Lab School. UNY also has a lactation room.



Playground at UNY daycare



KB-TK Pedagogia Lab School



Lactation room

Women's mentoring schemes

To empower women, there are several organizations that directly have programs to strengthen women's capacities. First, Dharma Wanita UNY. Some of the activities that have been carried out by Dharma Wanita UNY are: [parenting seminars during the pandemic](#); [social services in orphanages](#), Women's Empowerment Education, Training on making wall decorations and brooches, and many more.

Track women's graduation rate

UNY regularly reports data related to the number of UNY graduates either through news, [alumni websites](#) or in the form of [annual reports](#). Systemically, UNY also monitors student academic development through [SIKAD](#). The data collected in our system then becomes the basis for data in [PDDIKTI](#) which can be directly accessed by the public

OUR DEVELOPMENT IN NUMBERS

16944

Number of women starting a degree

2159

Number of first-generation women starting a degree

114

Number of senior academic staff

27

Number of female senior academic staff



OUR COMMITMENT

"UNY committed to ensuring the availability and management of air and sanitation both at UNY and the surrounding community."

OUR PROGRAMS AND POLICY ON CLEAN WATER AND SANITATION

Water usage and care

UNY fully supports efforts to conserve clean water through the River Optimization Movement ([GPS](#)), as well as various innovations related to [water treatment](#).



GRADASI, River Optimization Movement



[Water treatment at UNY](#)

Off-campus water conservation support

Some of UNY's student innovations can be implemented in the community. These innovations are in the form of [dam design to control drought](#), and [use of rainwater and household wastewater to maintain and increase the potential of groundwater](#).

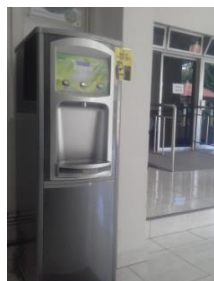


Water sampling study at public reservoir

To give better overview on the community reservoir living organism quality, UNY researcher has conducted [a study on the Potorono and Imogiri reservoir](#). The research concluded that plankton diversity index value on both reservoir is at medium level.



Promoting efficient water usage



Free drinking water unit at UNY

OUR DEVELOPMENT IN NUMBERS

7126 m3

Volume of water used in the university: Inbound (treated/ extracted water)

28415

Campus population



Ensure access to affordable, reliable, sustainable and modern energy

OUR COMMITMENT

UNY's commitment to continuously promote the use of sustainable energy in various academic activities can be seen in the various awards received by students in the field of renewable energy

ENERGY-EFFICIENT RENOVATION AND BUILDING

UNY has carried out 3 (three) efforts to respond to the challenges of climate change and energy. First, the application of building design that supports natural lighting and good air circulation. The design of this building is the use of glass material for buildings and corridor designs that are equipped with adequate natural ventilation. Second, the application of a system that saves energy use through the installation of several light sensors, fire sensors, and the use of projectors that use low power in various buildings at UNY. Third, the gradual renewal of old equipment and equipment for both learning activities and institutional management. The semi-automatic door system that was implemented in several buildings a few years ago has not been replaced by fully automatic doors. This is due to the high cost of reimbursement if it is carried out simultaneously in all UNY buildings.

In constructing a new building, UNY complies with the [Regulation of the Minister of Public Works and Public Housing of the Republic of Indonesia concerning Green Buildings](#)

CARBON REDUCTION AND EMISSION REDUCTION PROCESS



In the field of renewable energy research, UNY's student team named "EV-22" won all championship categories at the 2022 Formula Electric Student Championship (FESC) Indonesia International Motor Show (IIMS). First place in the Skidpad category and first place in the endurance category. The "EV-22" student group championship in transportation research with sustainable energy further strengthens UNY's commitment to always prioritize sustainable energy in all aspects.

UNY conducts periodic emission tests and prohibits the use of vehicles that do not pass the emission test in accordance with the [Rector's Regulation Number 20 of 2017 Article 10](#)

Plan to reduce energy consumption



UNY won the Energy Saving Car Contest after going through 8 laps and 11.6 KM track. In the contest, the vehicle with the least fuel consumption wins.



In March 2021, UNY students succeeded in developing a portable hydro-coil turbine power plant that can operate with the flow of ditches and irrigation networks built in rural areas. This generator is easy to use, economical, and easy to move, making it easier for users to optimize the energy produced.

Indicator: Energy usage per sqm

The total electricity consumption of Yogyakarta State University (UNY) in 2021 is calculated based on the average electricity usage from January to December 2021, which is 5,790,251 KWh (20,844.9 gigajoules). With an area of 533936 m², the electricity usage at UNY is 0.03 GJ/m². Appointment of an energy management team in charge of preparing plans, implementing, inspecting, taking actions based on [Rector's Regulation no. 20 of 2017](#) is the right time to optimally control the energy management program.

Policy development for clean energy technology



UNY cooperates with PT WIKA to support the government's renewable energy program. PT WIKA is committed to building a solar power plant at UNY.



Promote inclusive and sustainable economic growth, employment and decent work for all

COMMITMENT TO DECENT WORK AND ECONOMIC GROWTH

Yogyakarta State University provides decent working conditions and salaries for its staff. Healthy, decent, and fair HR management, based on [Rector Regulation No. 16 of 2018](#) to support a conducive work atmosphere by paying attention to rights and obligations, which regulates all matters related to HR management, from appointment, performance appraisal, career development, salary, discipline until termination. UNY has a strong commitment to carry out good and conducive academic life practices with the issuance of [Rector's Regulation no. 4 of 2015 concerning the Code of Ethics for Education Personnel](#) and [Rector's Regulation No. 5 of 2015 concerning the Code of Ethics for Lecturers](#).



The regulation states that UNY citizens must maintain a code of ethics to live respectfully and not to discriminate. This provision is also followed by sanctions for violations ranging from warnings to suspension of promotions and ranks. UNY also conducts a gender equality study to avoid discriminatory practices at UNY and is also included in the research plan developed by UNY. In addition, to regulate academic freedom, freedom of academic pulpit and scientific autonomy, UNY issued [Rector Regulation No. 8 of 2013](#).

UNY has established a Certification and Career Center as a forum for developing the quality of human resources into competent and ready-to-use workforce. UNY has collaborated with more than 200 companies for career development programs, seminars, job fairs, tracer studies, etc



With regard to economic growth and decent work, in 2021, there will be [11 integrated studies and 1 ppm](#) in Kapanewon Bugel, Kulon Progo. UNY also has a [business incubator](#), one of which aims to optimize the utilization of educated human resources in driving the economy by utilizing science and technology. UNY students are also facilitated by [entrepreneurship development programs](#) through the Entrepreneurial Student Program (PMW), Digital Entrepreneurship Program (PWD) and real work college programs (KKN) that contribute to the community for community empowerment, one of which is in the field of economic growth by [mentoring and making MSME profile videos](#).



Build resilient infrastructure, promote sustainable industrialization and foster innovation

Commitment to Industry, Innovation and Infrastructure

Based on the Chancellor's Decree Number B/1053/UN34/KP.08.01/2019 UNY established an Innovation Center, Business Incubator, and intellectual property. The main tasks of the innovation center, business incubator, and IPR are to increase science and technology innovation, provide guidance, entrepreneurship development, assist business incubators and MSMEs, as well as act as a center for intellectual property rights. In 2021, UNY targets 15 startups, but the achievements are 3 startups, namely liquid smoke and biochar compost Bukata, Putra Jaya Farm, and Nevair Tonic. At the same time, 4 startup candidates were developed. The number of innovations in the form of products, models and processes is 23 of the target of 10 innovations.



Liquid smoke is produced by utilizing raw materials derived from livestock and agricultural waste, namely chicken farm waste and rice husks which are processed through pyrolysis. The benefits of the product are to deal with all types of pests and diseases of agricultural and plantation crops, reduce pollution from cage odors, can be applied as foliar fertilizers and plant growth regulators, wood preservatives and processed food products.



Putra Jaya Farm innovated the omega 3 zero waste domestic chicken farming system through hybrid technology for maggot and fish cultivation. Nevair Tonic products use herbal active ingredients in the form of banana hump water with a concentration of 10%. This product is present as an herbal hair tonic product that is able to overcome the problem of dandruff and hair loss at the same time. Nevair Tonic is designed in bottles of 100 ml and 250 ml with a pointed cap and spray so that it is efficient and easy to apply.



At UNY, we pride ourselves on our ability to think differently and pioneer innovations across multiple sectors:

1. Arts & humanities, social science, and management
2. Natural sciences
3. Life sciences & medicine
4. Engineering & technology



We provide innovation, management, and entrepreneurship programs in the undergraduate program, masters and entrepreneurship programs in the master's program, and management in the doctoral program. We also integrate industry experience into a wide range of science, engineering, and social science programs.

We have labs and other facilities that can be used with the community for education, research, community service.

Yogyakarta State University is an educational university. The main focus of development in the field of Education. To develop the field of science and innovation supported by non-educational fields. Therefore, UNY plays a very important role in developing school progress at all levels of education in Indonesia. UNY plays a role in developing educational innovation. In addition, UNY plays a role in the Teacher Profession Program in Indonesia



Entrepreneurship is one of the additional competencies that are expected to be mastered by UNY students. Entrepreneurship development activities are carried out in a structured, systematic, and consistent manner to encourage students to become entrepreneurs. Entrepreneurship in 2021 is targeted at 190 and as many as 340 students are entrepreneurship.



Reduce inequality within and among countries

OUR COMMITMENT

Yogyakarta State University upholds the value of human dignity and status regardless of religion, ethnicity, culture, ability and socio-economic status. UNY's commitment to anti-discrimination is poured into ethics that must be met by all lecturers, staff, and students.

EDUCATION ACCESS FOR UNDER REPRESENTED GROUP

Yogyakarta State University also provides the widest possible access to people from various groups to be able to receive quality education at Yogyakarta State University. In addition to accepting ADIK program students from Papua, West Papua, and other 3T regions (Latest, Innermost, Outermost), UNY also collaborates with the Saudi Arabian Embassy to educate students from Indonesian migrant workers working in Saudi Arabia.

In addition to accepting foreign students from the Kemdikbudristek Dharmasiswa scholarship program, Yogyakarta State University also has YSU-DISS (Yogyakarta State University-Distinguished Sholarships) scholarships to be awarded to foreign students from developing countries.

UNY is proud to have more than 50% of students so that they can contribute to gender equality in education and also to improve the quality of human resources in general.

Tuition fees at UNY are very affordable with more than 20% of students paying UKT level 1 and all students with disabilities given access to scholarships from the Ministry of Education and Culture and other organizations.

LEARNING AND STUDENT

Yogyakarta State University upholds the value of human dignity and status regardless of religion, ethnicity, culture, ability and socio-economic status. UNY's commitment to anti-discrimination is poured into ethics that must be met by all lecturers, staff, and students.

There are many courses both directly and indirectly related to reducing inequality, especially in education study programs

Students are involved in real action programs that target inequalities in education, social, economic, and politics and are in direct contact with the community through activities in KKN (Real Work Courses) courses and placement of Educational Practices in remote areas.



3089

First Generation
Starting a Degree



393

Women Starting
Doctorate Degree



2159

First Generation
Women Starting a
Degree



393

Disability
Students



16944

Women Starting a
Degree



5711

Low Income
Student Receiving
Financial Aid



2238

Women Starting
Master Degree



119

International
Students from
Developing
Country



OUR COMMITMENT

“Universitas Negeri Yogyakarta (UNY) has a commitment to make cities and human settlements inclusive, safe, resilient and sustainable. UNY has five campuses located in Sleman, Yogyakarta, Kulonprogo and Gunung Kidul which are built with sustainable planning standards collaborating with local authorities. Also, UNY promotes cultural heritage preservation to keep cultural and natural heritage”

Record and preserve cultural heritage

To protect and safeguard the world’s cultural and natural heritage, UNY has taken several [efforts including holding shadow puppet performances, conducting research to examine the values in the memedi sawah festival in Bantul regency, and doing research on Minimizing Religious And Cultural Friction.](#)

OUR PROGRAMS AND POLICY ON SUSTAINABLE CITIES AND COMMUNITIES

Public access to buildings

UNY is supported with [relevant buildings, museums, libraries, green spaces,](#) and [dormitory.](#) There are also [pedestrian](#) and green spaces in each campus and faculty. Regarding the goals to provide a sustainable settlement and commuting, UNY has [buses](#) as internal commuting facilities between campuses and student housings.



[Museum Pendidikan Indonesia UNY virtual tour](#)



OUR DEVELOPMENT IN NUMBERS

52,13 metric ton

Amount of waste generated

25,63 metric ton

Amount of waste recycled



OUR COMMITMENT

UNY is committed to reducing waste, and managing waste responsibly

OUR PROGRAMS AND POLICY ON RESPONSIBLE CONSUMPTION AND PRODUCTION

Waste disposal - hazardous materials

Hazardous waste generated at UNY is waste that comes from student practicums both in the laboratory and workshop workshops. Management of hazardous waste originating from the laboratory such as acid, wet, and organic waste is collected into a collector's drum and then labeled, in addition to that, toxic waste from this laboratory is channeled into a holding tank. If the drum and the reservoir are full, they will be distributed to a third party, namely PT. Arah Indonesia Environmental. UNY has collaborated with PT. Arah Indonesia Environmental since July 2021.



Collecting waste into categorized drum

Minimisation of plastic use

To reduce the use of plastic from bottled drinking water, UNY has distributed tumblers and placed water dispensers in various rooms. In addition, to reduce the use of plastic bags, UNY uses reusable cloth bags.



UNY Tumbler



Reusable Bag

Recycling Programs

UNY already has a waste processing unit. Garbage in the form of dry leaves and twigs is usually processed into compost. The results of this process are then packaged and named BIOPA fertilizer. In addition to serving composting, this unit is also a frequent destination for visits to learn how to make compost.



Fertilizer processing



BIOPA Fertilizer

OUR DEVELOPMENT IN NUMBERS

52,13 metric ton

Amount of waste generated

25,63 metric ton

Amount of waste recycled



OUR COMMITMENT

“UNY is committed to reducing the impact of climate change through innovation in the field of sustainable energy and natural preservation”

OUR PROGRAMS AND POLICY ON CLIMATE ACTION

Low-carbon energy use

UNY supports various efforts to innovate electric vehicles and other environmentally friendly vehicles. Currently, UNY already [developed Inobike, Astrobike, and Garuda electric car](#). UNY also [conducts regular emission tests for official vehicles](#) to ensure the vehicles are roadworthy.



Regular carbon emission test for UNY official vehicle

Environmental education measures

UNY shared the importance to take climate action and [proper mitigation plan](#) at school. UNY also [promote the use of clean energy](#) to local government

[Tree planting movement-FMIPA UNY Science Talk #3](#)



UNY promoted Hydroelectric Power Plants in Berjo Ngargoyoso Karanganyar Village

Renewable Energy Implementation

UNY Energy Management Team is given the task of increasing the capacity of electricity produced from renewable energy. There are four types of renewable energy sources that have been used in the UNY campus



Solar Power Plants



Wind Power Plants



Pico Hydro Power Plants



Biogas Power Plants

OUR DEVELOPMENT IN NUMBERS

20844,9 GJ

Total Energy Used

2,59 GJ

Total energy used from low-carbon sources

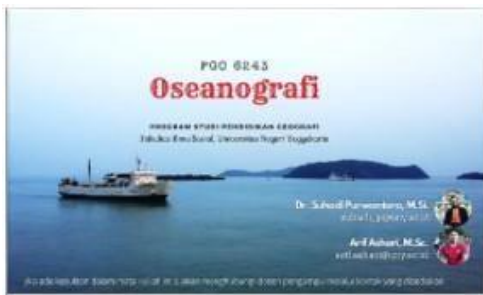


OUR COMMITMENT

"UNY is committed to conserve and promoting sustainable use of the oceans, seas and maritime resources for sustainable development"

OUR PROGRAMS AND POLICY ON LIFE BELOW WATER

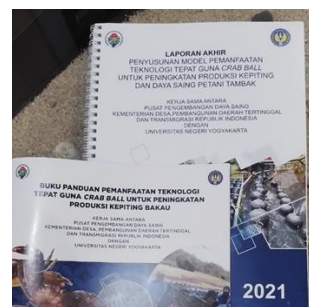
Supporting aquatic ecosystems through education



The Geography Education Program has a compulsory course that is Oceanography. One of the studies in this course is about the oceans and climate. The lecture theme talks about the relationship between the oceans and climate, namely the role of the oceans as one of the important climate elements in determining climatic conditions on the earth's surface and the influence of climate on various conditions in the oceans.

Sustainable Fisheries Project

UNY in collaboration with the Ministry of Village implemented a [crab ball technology test in the Mangrove Forest on Baros Beach, Bantul in 2021](#). Through this project, UNY seeks to promote sustainable crab cultivation to the Baros community.



Final Report and Guideline for Crab Ball Implementation at Baros

Maintaining a local ecosystem

Keeping the hatching rate of turtle is quite challenging. To give better chance, UNY [Researchers have developed an online automatic turtle nest monitoring tool](#) prototype.



Weather monitoring components

OUR DEVELOPMENT IN NUMBERS

5

Research
On Life below Water

2

Community Service
On Life below Water



[UNY Student at Mount Lawu Expedition](#)



UNY students Cave Expedition 2022

For the animal watch club, there are several interest groups. One of them is [Bionic](#) which specifically observes bird species. Through bird watching, students learn about the effects of climate change on changes in migration paths and even the long-term existence of certain bird species.



Bird Observation at Mount Merapi



[No Hunting Animal on Campus Policy](#)

OUR COMMITMENT

“UNY is committed to a sustainable green campus to preserve life on land. This commitment is stated in the [Rector Regulation No. 20 of 2017 about Green Campus at Universitas Negeri Yogyakarta.](#)”

OUR PROGRAMS AND POLICY ON LIFE ON LAND

Supporting land ecosystems through education



UNY students participating in the #1 Bird Public Lecture

UNY provides support for the preservation of [terrestrial ecosystems either through lectures in class, or through extracurricular activities.](#) For extracurricular activities, students can freely choose to join [natural clubs](#) or animal watch groups.

OUR DEVELOPMENT IN NUMBERS

8

Research Life on Land

5

Community services Life on Land



UNY Rector Candidate on Election-January 2021

OUR COMMITMENT

“UNY always strives to implement good governance that allows the principles of credible, transparent, accountable, responsible, and fair implementation to be carried out consistently.”

OUR PROGRAMS AND POLICY ON PEACE, JUSTICE, AND STRONG INSTITUTION

Democracy in Campus

One of the essences of democracy is the existence of general elections that are open, transparent, honest and fair. UNY has always openly supported efforts for legal leadership election. In early 2021, UNY held the election of Rector for the period 2021-2025. In this process, Prof. Sumaryanto was finally elected as the Rector of UNY.

Historically, UNY has Ir. Soedewi Samsi T as the first female Rector of UNY for the period 1965-1966. For the position of Dean, the Faculty of Languages and Arts has a female dean, Mrs. M. Moelono, MA who took office in 1964. Currently, the Faculty of Languages and Arts is also led by a female dean, namely Dr. Sri Harti Widyastuti, M. Hum. This proves that UNY provides equal opportunities for women to become leaders.



Ir. Soedewi Samsi T, the first female Rector of UNY (1965-1966)

UNY also provides opportunities for students to learn democracy through the Student General Election. Through this activity, students have the opportunity to choose their representatives to become members of student organizations. Due to covid-19 pandemic, students gave their vote through <https://pemilwa.uny.ac.id/>



Student Election Body Badge at Faculty of Social Science

OUR DEVELOPMENT IN NUMBERS

130+

Number of graduates from law and enforcement related courses

30+

Students Club

30+

Research on SDGs 16 Topic

70+

Community Service On SDGs 16 Topic



OUR COMMITMENT

UNY is committed to establishing a network of cooperation at the national, regional and international levels with universities, NGOs, government institutions, associations, schools, and industry. This collaboration is carried out to strengthen the implementation of the SDGs in the fields of teaching-learning, research and publication, and community service

OUR PROGRAMS AND POLICY ON PARTNERSHIP

Relationships with NGOs and government for SDG policy

UNY together with [NGOs](#) and the [Government](#) collaborate a lot through scholarship schemes, human resource development, and educational assistance programs.



[UNY Hosting 2022 Upskilling Training for Teachers and Principals for Special Schools](#)



[Madiun partnership with UNY for inclusive and sustainable development](#)

Education for SDGs: commitment to meaningful education

UNY Support for Life-Long Learning through the Recognition Past Learning ([RPL](#)) Program. On 2022, UNY collaborates with the Bojonegoro Regional Government to recognize village officials' work experience through the RPL scheme accordingly to the quality assurance of education.



[RPL Program with Bojonegoro Government](#)

OUR DEVELOPMENT IN NUMBERS

70+

International MoU

120+

National MoU

119

Students from developing countries

45+

Study Programs with International Accreditation

85

Study Programs with Industry-Based Curriculum



SUSTAINABLE DEVELOPMENT GOALS REPORT 2021

