

**UNIVERSITAS GADJAH MADA
AT A GLANCE
YOGYAKARTA, INDONESIA**

INTRODUCTION

The Special Region of Yogyakarta, one of the smallest provinces in Indonesia, has been widely known as a center of Javanese culture as well as a center of learning. It has 3,400,000 inhabitants, 511,000 of whom reside in the city of Yogyakarta. Its designation as a center of learning is marked by the existence of 120 state and private tertiary educational institutions, with a student population of over 300,000.

Universitas Gadjah Mada, which has taken on a new status as a state-owned legal entity since December 26, 2000, is the oldest and largest university in Indonesia. It was founded on December 9, 1949 and currently has 18 faculties, 73 undergraduate study programs, 28 diploma study programs and a Graduate Program of 62 study programs with around 55,000 students, 605 foreign students, 2,301 employees, and 2,266 lecturers. Up until February 2005, the University has graduated 150,501 students consisting of 20,106 diploma holders, 103,858 first degree holders, 25,915 masters/specialists and 622 PhD holders.

HISTORY IN BRIEF

When Universitas Gadjah Mada was inaugurated, it had six faculties: the Faculty of Medicine, Dentistry and Pharmacy, the Faculty of Law, Social and Political Sciences, the Faculty of Engineering, the Faculty of Letters, Pedagogy, and Philosophy, the Faculty of Agriculture, and the Faculty of Veterinary Medicine.

A number of changes and developments in UGM took place within the two decades from 1952 until 1972. Some of these changes include the split of the Faculty of Medicine and Dentistry into two separate faculties, the establishment of the Surabaya branch of the Faculty of Law, Social and Political Sciences on July 19, 1952, which was later integrated into Airlangga University in November 1954, the integration of the Faculty of Education and Teacher Training into the State Teacher Training Institute of Yogyakarta, and the establishment of the Faculty of Animal Husbandry in 1969.

During the initial years after its establishment, the University used the buildings and other facilities belonging to the Kraton of Yogyakarta with full support from Sri Sultan Hamengku Buwono IX, who was then Honorary Chairman of the Board of Trustees. On December 19, 1959 the Central Administrative Office was inaugurated by President Soekarno, and the University gradually established a campus of its own in Bulaksumur. The University is now located in an area of 300 hectares on which stand 670 buildings with an area of 740,000 square meters.



FACULTIES

Faculty of Biology

Inaugurated September 19, 1955

S1

Biology

Biology is a basic science that attempts to reveal the phenomena of nature in order to understand and utilize biological diversity and capacity and to increase their productivity in efforts to meet man's basic needs and enhance public welfare.

The Faculty of Biology provides its students with knowledge of modern biology in accordance with its role in biodiversity and biotechnology such as biosystematics and evolution, developmental biology, cell and molecular biology, microbiology, and environmental biology.

The faculty has established international cooperation with various institutions such as the International Association for Wild Silkmoths and Silk (Japan), CSIRO Wildlife Division (Australia), University of Minnesota (USA) and Nagoya University, Japan.



Faculty of Economics

Inaugurated September 19, 1955

S1

Economics & Development Studies
Management
Accounting

D3

Accounting
Finance
Marketing
Development Planning & Monitoring

The Faculty of Economics is determined to be a leading institution in developing and disseminating economics, management and accounting. It seeks to produce graduates with capabilities to identify, observe and approach business and economic problems scientifically.

The Diploma 3 Program was established in response to a market demand for middle-level business administrative personnel who are well prepared to face changes and be familiar with information technology.

The faculty has established cooperation for a student exchange program with the University of Victoria (Canada), Australian National University, Southern Denmark School of Business and Engineering, and Agder College University (Norway), etc.



Faculty of Pharmacy
Inaugurated September 27, 1946

S1	Profession	D2
Pharmaceutical Science & Technology Clinical Pharmacy & Community Pharmacy Natural Product Pharmacy	Pharmacist Education	Medicinal Herbs

Pharmacy deals with the activity of preparing, supplying and distributing drugs, supervising, using, and monitoring of drugs as well as all activities related to cosmetics and health provisions.

The Faculty produces graduates and pharmacists who (1) are competitive and leading in drug quality control, natural products modification, drug formulation based on the drug delivery system and biotechnological discovery, production and development of bio-active substances, (2) are professional in clinical and community pharmacy services, (3) have professional dedication based on pharmaceutical ethics and moral values.

The Diploma 2 Program produces competitive junior specialists in traditional medicine, particularly herbal medicine.

International cooperation is established with Vrije Universiteit (Amsterdam), Leiden-Amsterdam Center for Drug Research, Wuezburg University (Germany) and University of Minnesota (USA), etc.



Faculty of Philosophy
Inaugurated August 18, 1967

S1
Philosophy

Modernization brings progress to mankind but at the same time it creates unforeseen conditions related to the inner side of man, i.e. morality and the meaning of life. Practically, these problems unconsciously influence one's perception and orientation in life and often lead to contradictions in regard to religious guidance and formal ideology.

The Faculty of Philosophy was established to address the need for deeper understanding of life and humanity that will create positive effects for the education of both professional and public communities.

Quality development and a professional work ethic is seriously mandated within this department.



Faculty of Geography
Inaugurated September 1, 1963



S1

Geography
Physical Geography & Environment
Human Geography
Cartography & Remote Sensing
Regional Development

D3

Remote Sensing & Geographical
Information System

The Faculty of Geography is committed to producing graduates who are able to (1) study the characteristics of regional and environmental resources in terms of national and global trends and dynamics, (2) adopt appropriate methods in the analysis of regional data as well as techniques in the analysis of resources (Remote Sensing, GIS, Digital Cartography) and presentation of thematic maps (Manual/Digital), (3) formulate regional data, development plans, and implement development programs that are both sectorally and regionally oriented. It also produces junior professionals who meet the need for experts in surveying and mapping.

Quality assurance is maintained through cooperation with international institutions such as Manchester University, Utrecht University, ITC the Netherlands, Justus-Liebig University, and JRC – Ispra.

Faculty of Law
Born December 19, 1949



S1

Legal Studies

The Faculty of Law attempts to produce law graduates who have a good mastery of the fundamentals of legal science, are sensitive to changing circumstances resulting from the process of national development, and are able to think globally and comprehensively in responding to increasingly intensive international relations.

Students and graduates are encouraged to constantly devote their capabilities to the community through extension programs and provision of legal consultancy. The increasingly varied and complex legal cases are interesting challenges for graduates of this faculty.

The Faculty maintains international cooperation with Groningen University and Erasmus University, Rotterdam, etc.

Faculty of Cultural Sciences

Born March 3, 1946



S1

Anthropology
Archeology
History
Indonesian Language & Literature
Nusantara Languages & Literature
English Language & Literature
Arabic Language & Literature
French Language & Literature
Japanese Language & Literature

D3

Tourism
Archives
English Language
Japanese Language
French Language
Arabic Language
Mandarin Language
Korean Language

The Faculty of Cultural Sciences produces (1) anthropologists who are able to analyze, interpret, and solve demographic and cultural problems for the empowerment of the community, (2) archeologists who are able to manage archeological research, analyze the meanings of remains and their contexts, as well as to design and carry out the management of archeological resources, (3) historians who are able to put various problems in a historical framework and to analyze social, economic, political, and cultural changes, (4) graduates who are have a good mastery of Indonesian linguistics and literature, (5) graduates with a good command and knowledge of foreign languages and cultures to enable them to foster cross-cultural understanding, transfer of science and technology, and the promotion of national culture.

The Faculty also produces junior specialists in tourism and archives keeping.

Faculty of Social and Political Sciences

Inaugurated September 19, 1955



S1

Public Administration
International Relations
Communications
Government
Social Development/Sociatry
Sociology

D3

Regional Finance Administration
Library Science
Public Relations
Advertising & Marketing Communications

The Faculty of Social and Political Sciences produces professional and reliable graduates in the fields of (1) public administration and public policy, (2) international relations and comparative politics, (3) mass communications and media, (4) sociology and development studies, (5) social and rural development, (6) government and politics.

The Faculty also produces junior specialists in (1) regional finance administration, (2) library science and electronic information, (3) public relations, (4) advertising and marketing communications.

International cooperation is maintained in the fields of education, research and provision of guest lecturers with Nagoya University, Agder University College (Norway), Ford Foundation, UNDP, Partnership for Governance Reform, and other international organizations.

Faculty of Medicine
Established March 6, 1946



S1

General Practitioners
Nursing
Nutrition

The Medicine Study Program aims to produce medical doctors who are reliable, competent, and willing to develop themselves as creative, responsible, and future oriented professionals.

The study program in nursing produces nurses who are able to deal with health problems with a high level of managerial abilities.

The study program in nutrition produces graduate nutritionists with academic and practical abilities in dealing with health problems related to nutrition.

Faculty of Dentistry
Established December 29, 1960



S1

Undergraduate

Professional

Dentist

D4

Dental Nurse

The Faculty of Dentistry has two programs of study: (1) Dental Education Program designed to train students to become dentists and (2) Dental Nurse Educational Program. The Undergraduate part (S1) of the Dental Education Program consists of the core curriculum of basic science classes. When students have completed this 4-year Undergraduate part, they are then ready to begin the professional part of that program, which includes patient clinical experience and field experience. Upon graduation, these students become certified professional dentists. They are competent for an assignment to practise dentistry in the community. Their training enables them to help in the promotion of preventive dentistry. Additionally, they are trained in health management and to research patterns that are needed to solve oral and dental health problems of the community.

The Dental Nurse Education Program (D4) is the continuation of the Diploma 3 Program which is administered by the Department of Dental Health within the *Politeknik Kesehatan* (Health Polytechnics). Graduates of the D4 Program are competent to instruct students in the D3 Program. These graduates are also qualified to develop, implement, and evaluate a preventative dental health program for specified groups in the community.

**Faculty of Veterinary Science
Inaugurated September 19, 1949**

S1	Professional	D3
Veterinary Science	Veterinarian	Animal Health



The Faculty of Veterinary Science serves as a place to educate future veterinarians who possess (1) knowledge of the national health system, (2) skills in diagnosing through physical, laboratory and epidemiological means the illnesses and dysfunctions of animals, (3) the ability to address health problems of animals through medical, operative and popularized methods, (4) the ability to prescribe medicine and arrange the nutritional requirements of animals, (5) the ability to examine animal necropsy, pregnancy, reproductive health matters using reproductive health technology, (6) the skills to supervise the quality of meat for consumption, (7) the skills to control animal health, diseases and preserve the environment, (8) the ability to observe and control the quality, the use and the distribution of animal medicine, biological products, and genetic material as well as preservation of health, safety, and food sustainability.

The Animal Health program produces junior specialists who are able to maintain an animal's health through technical services.

**Faculty of Forestry
Inaugurated August 17, 1963**

S1	D3
Forest Management Silviculture Forest Product Technology Forest Resource Conservation	Forestry



Forestry education is designed to produce foresters who have a love for natural resources, and high capacity in forest management, reforestation, forest utilization, forest product technology or forest resource conservation. Through forest development and forestry for society's welfare, the graduates will participate significantly in the development of the state and nation.

The Diploma Program of Forestry strives to fill the job market demands for junior professionals with skills in maintaining, preserving and developing the forest, river basins and the resources obtained from forestland.

The Faculty of Forestry maintains international cooperation with KEEC (Japan), ITTO, ICRAF, OECF, CIFO, Ford Foundation, etc.

Faculty of Mathematics and Natural Sciences (MIPA)

Inaugurated September 19, 1955

S1

Physics
Geophysics
Electronics and Instrumentation
Chemistry
Mathematics
Statistics
Computer Science

D3

Electronics and Instrumentation
Computer and Information Systems

The Faculty of Mathematics and Natural Sciences produces (1) physicists who are able to analyze and explain the natural phenomena through mathematical deduction and evaluating new facts, (2) geophysicians who are able to design and implement complete geophysics surveys, (3) graduates who are experts in electronic systems and arrangement, principles, application and measurements with electronic instruments and experts in overcoming problems using computers, (4) chemists that are able to find, understand and to formulate solutions, (5) mathematicians who are experts in the foundations of mathematics, its development and application; (6) computer scientists that are able to develop and use information technology, (7) statisticians who are experts in the foundations of statistics and its applications, and are able to develop techniques in statistics and its applications.

The Faculty also produces Diploma graduates in Electronics and Instrumentation, and in Computer and Information Systems.

This faculty has maintained and will continue to develop international cooperation with DAAD (Germany), Stuttgart University, Darmstad University, Karlsruhe University, Innsbruck University (Austria), Graz University, Murdoch University, Nuffic, University of Neijmegen, etc.



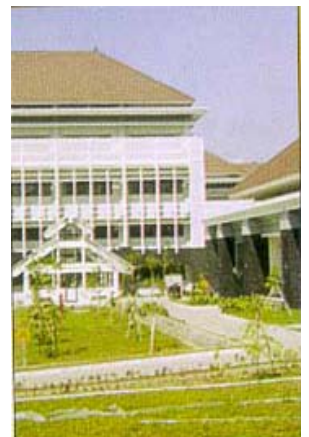
Faculty of Agriculture

Inaugurated September 27, 1946

S1

Agronomy	Fish Processing Technology
Plant Breeding	Agricultural Socioeconomics/Agribusiness
Entomology and Plant Pathology	Agricultural Extension and Communication
Aquaculture	Soil Science
Aquatic Resources Management	Agricultural Microbiology

The Faculty of Agriculture equips its students with mastery in techniques of cultivation and socio-economic engineering which will enable them (1) to utilize and manipulate land and the environment for the management of sustainable and environmentally friendly farming operations and fisheries, (2) to identify opportunities for the utilization of science and technology in the improvement of farming operations and fisheries for public welfare. The contributions of the Faculty in the applications of technology and the concepts of national development are, among other things, the production of varieties of dry field rice (*Gama 61 & Gama 87*), the establishment of *BUUDI KUD* (Village Cooperative Unit),



Tidal Swamp Technology, Integrated Pest Management , *Legin* (Leguminous Inoculums), and *PIR* (Nucleus Estate and Smallholders) for tea and cocoa.

The Faculty maintains cooperation with international institutions such as Tokyo University, Ibaraki University, Monbusho, Giessen University (Germany), Eutrop (Britain) IBSRAM (Australia), ACIAR, USM (Malaysia), NAETC (Thailand), University of Karlsruhe (Germany), GTZ (Germany), INWENT (Germany), DAAD (Germany), University of Dharwad (India), University of Queensland (Australia), Humboldt University of Berlin (Germany).

**Faculty of Animal Science
Inaugurated November 10, 1969**

S1

Animal Nutrition and Feed science
Animal Production
Livestock Socioeconomics
Animal Product Technology

This youngest faculty is ready to produce graduates with (1) knowledge of animal nutrition and feed science which enables them to identify feed ingredients and produce them, work out nutritional requirements and formulate appropriate rations, (2) the ability to apply and develop technology in animal production, (3) the ability to plan and manage livestock farming, and adopt the right approach in solving problems encountered in marketing animal products, or (4) the ability to produce food from animal products using natural resources and technology.

The Faculty maintains cooperation with Universitat Geissen (Germany), IEFA, ASEA-Uninet, Veterinary Medicine (Austria), University of Aberdeen, MLURI Aberdeen, INRA (France), OECF (Japan), Ibaraki University, etc.



**Faculty of Psychology
Inaugurated January 8, 1965**

S1

Psychology

Profession

Psychologist

Students are equipped with abilities in (1) the fundamentals of psychology and techniques of objective observation in interpreting human behavior, (2) carrying out research, (3) using various instruments for psychological examinations and analyzing and interpreting the results, (4) developing sensitivity to the values, processes, and various problems in society that affect human behavior, and (5) formulating professional and scientific examinations.

The Faculty also offers consulting services and maintains cooperation with a number of universities in the Netherlands, Britain, Germany, the United States, and Australia.



S1

Architectural Engineering
Engineering Physics
Urban & Regional Planning
Electrical Engineering
Geodetical-Geomatic Engineering
Geological Engineering
Industrial Engineering
Mechanical Engineering
Chemical Engineering
Nuclear Engineering
Civil Engineering

D1

Surveying & Cadastral Mapping

D3

Electrical Engineering
Geomatic Engineering
Mechanical Engineering
Civil Engineering



The academic program in this Faculty aims to produce graduates who (1) have mastery of architectural science and technology (theory, methods, and techniques) and the abilities to design, analyze, and communicate a synthesis; (2) are able to develop their knowledge and take on a role in the application and development of up-to-date/ alternative instrumentation & energy science and technology, and to develop new products; (3) are able to develop planning concepts by working together with other people in a team to produce urban and regional plans; (4) are able to face new situations in their profession as electrical engineering graduates with self-confidence, well-founded considerations, and fundamental principles; (5) are able to carry out geodetical and geomatic work (collect, manage, and present data and information) and to develop their abilities to keep up with the progress in science and technology; (6) are able to understand the earth with its characters and process in space and time, as a source of minerals, energy, and natural disasters, and to utilize the earth for environmentally sustainable development; (7) are able to apply their expertise professionally in industry and to design, analyze, and communicate an industrial system; (8) are able to work in the fields of designing, implementation, supervision, and management based on Chemical Engineering concepts, and who have reasoning skills (analysis and synthesis); (9) are able to design, make, use, and manage engines and their systems, and who have logical and rational ways of thinking; (10) are able to develop their knowledge up to the level of the basic design of nuclear technology, and to adapt their knowledge to the needs in the job market; (11) who are well-grounded in theory for application in civil engineering, particularly planning, designing, analysis, project implementation and supervision, operations and maintenance of constructions.

The Faculty also runs a professional program to produce junior specialist in surveying and cadastral mapping, electrical, geomatic, and civil engineering.

Faculty of Agricultural Technology
Inaugurated September 19, 1963

S1
Agricultural Engineering
Food & Agricultural Product Technology
Agro-Industrial Technology

D3
Agro-industry

This Faculty aspires to be a center of excellence in providing education and training, conducting research, and carrying out community service in the field of agricultural technology and to strengthen its competitive ability at national and international levels.

It aims to produce graduates with the abilities to (1) deal with and solve problems in the development and application of science and technology in agriculture; (2) communicate and cooperate with other people, and develop the spirit of entrepreneurship; (3) maintain strength of character as well as cultivate social awareness, sense of responsibility, and professionalism in their field.

The Faculty also prepares professional junior specialists in the management and development of the agricultural industry in Indonesia.



Graduate Program
Inaugurated in 1983

With the change to the semester and credit system for higher education, three program levels were established, namely *sarjana* (S1 or first degree), *magister* (S2 or first graduate degree), and *doktor* (S3 or second graduate degree).

The S2 and S3 levels are under the Graduate Program. S2 students are required to take 36-50 credits of coursework (including 8-12 credits for the thesis) to be completed within a maximum of four years. S3 students have two study options: by research and 8-12 credits of coursework or by research and over 22 credits of coursework. The credit value for the dissertation is 28-32 and the period of study is five years.

The graduate Program manages seven groups of disciplines with sixty-two study programs.

The Humanities offer study programs in Literature, History, American Studies, Performing Arts, Fine Arts, Philosophy, Anthropology, Linguistics, and Archeology. The Health Sciences offer Basic Medicine & Biomedics, Dentistry, Occupational Health, Public Health, Clinical Medicine, and Tropical Medicine. The Mathematics and Natural Sciences offer Biology, Physics, Geography, Pharmacy, Chemistry, Remote Sensing, Mathematics, and Computer Science. The Agricultural Sciences offer Agronomy, Agricultural Economics, Phytopathology, Plant Pathology, Forestry, Food Science and Technology, Soil Science, Animal Science, Agricultural Engineering/Mechanization, Veterinary Science, Plantation Yield Technology, Agribusiness Management, and Plant Breeding. The Social Sciences offer Economics & Development Studies, Accounting, Management, State Administration, Politics, Sociology, Law, Psychology, Public Administration, and Notarial Studies. The Engineering Sciences offer Architectural Engineering, Chemical Engineering, Civil Engineering, Mechanical Engineering, Electrical Engineering, Geological Engineering, Urban & Regional Planning, Transportation



Engineering, and Geomatic Engineering. The Interdisciplinary Studies offer Environmental Science, Demography, National Resilience, Biotechnology, and Comparative Religious Studies.

SUPPORT SERVICES

Universitas Gadjah Mada has a Research Institute, Community Service Institute, and 28 research centers for a variety of fields: Culture, Population Studies & Policies, Environment, Rural & Regional Development, Regional Planning & Development, Traditional Medicine, Japanese, Korean, Women Studies, Tourism, Asia-Pacific, *Pancasila* (State Ideology), Natural Disasters, Clinical Pharmacology & Drug Policy, Biological Control, Security & Peace, Energy, Land Resources, Marine Resources & Technology, Higher Education Planning & Management, Biotechnology, Food & Nutrition, Economics & Public Policies, Transportation & Logistics, Agro-Industry, Language Training, Tropical Medicine, Remote Sensing, Inter-University, Computer, Quality Assurance, Agricultural Experiment Station, Chemistry & Physics Laboratory, Life Science Laboratory.

University Library



Computer Center



Gadjah Mada University Press

AMENITIES

Dr Sardjito Hospital



GMU Business Center



Guest House



Meeting Hall



FACILITIES FOR STUDENT ACTIVITIES

Student Center



GMU Medical Center



GMU Techno-Camp



Stadium



Student Cooperative



Student Dormitory



Closed Stadium



Graduate Student Dormitory



University Center



ENROLMENTS

Diploma Programs	8,485
Undergraduate & Professional Programs	32,521
Graduate Programs	13,769
Foreign Students	605
Lecturers	2,266
Employees	2,301

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