STUDENT HANDBOOK

BACHELOR PROGRAM IN STATISTICS
FACULTY OF MATHEMATICS AND NATURAL SCIENCES
UNIVERSITAS HASANUDDIN

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1. OVERVIEW

1.1. A BRIEF HISTORY OF STATISTICS STUDY PROGRAM

The Statistics Study Program (Prodi Statistika), which is one of the programs under the Faculty of Mathematics and Natural Sciences (Fakultas MIPA) at Hasanuddin University (Unhas), began its establishment in 1996 with the issuance of the Minister of Education and Culture Decree No. 234/DIKTI/Kep/1996, dated June 11, 1996, concerning undergraduate study programs within Unhas. When the Statistics Study Program was initially formed, it was managed together with the Mathematics Study Program and the Computer Science Study Program under the Department of Mathematics, which later evolved into the Mathematics Department. In 2018, the Statistics Study Program started submitting proposals to become a separate department independent of the Mathematics Department. In April 2019, the Department of Statistics was officially established, overseeing the Bachelor's Program in Statistics initially and later also managing the Master's Program in Statistics, which was established in the same year.

Since its inception as a higher education institution offering Statistics programs, the Statistics Study Program has applied for program accreditation with the National Accreditation Board for Higher Education (BAN PT) several times. The first accreditation application was made in 2006, followed by submissions in 2013 and 2018. Until 2013, the Statistics Study Program was accredited as "B" with Accreditation No. 217/SK/BAN-PT/Ak-XVI/S/X/2013. This accreditation rating was valid from 2013 to 2018. At the end of 2018, the Statistics Study Program underwent reaccreditation and successfully obtained an "A" accreditation by BAN PT Decree No. 3320/SK/BAN-PT/Akred/S/XII/2018, valid from December 19, 2018, until December 19, 2023. Furthermore, in 2021, the Statistics Study Program received an AUN-QA International Certificate with the number AP754UNHASNOV21, valid until 2025.

1.2. VISION AND MISSION OF STATISTICS STUDY PROGRAM

The Bachelor's Program in Statistics is committed to continuously contribute to the needs of society and industry, especially those related to decision-making based on available data. Society/industry requires statistical knowledge to effectively manage data, including data collection techniques, analysis, drawing conclusions, and providing recommendations related to data in order to make management decisions or strategies. Therefore, the Vision and Mission of the Statistics Program are formulated as follows.

Vision of the Bachelor's Program in Statistics

The vision of the Bachelor's Program in Statistics is to become a distinguished higher education institution in the development of statistics and its applications based on the maritime continent of Indonesia at the national level and recognized at the international level.

Mission of the Bachelor's Program in Statistics

The mission of the Bachelor's Program in Statistics is as follows:

1. To provide quality learning processes with a focus on student-centered activities through various teaching methods that are based on the maritime continent of Indonesia.
2. To conduct high-quality research activities at both the national and international levels, with a focus on the maritime continent of Indonesia.
3. To engage in professional community service activities that align with the competencies in the field of statistics.

2. ACADEMIC ZONES

2.1. ADMISSION OF NEW STUDENTS

Every year, the admission and selection process for prospective new students in the Statistics Program follows the admission and selection process at Hasanuddin University, which is conducted by the New Student Admission Committee appointed by the Rector of Hasanuddin University. This admission and selection process is conducted once every year. There are three admission and selection pathways for new students at Hasanuddin University, as outlined below.

1. The National Selection for State University Admission (SNMPTN) is a joint selection process for candidates interested in pursuing higher education at state universities in Indonesia. SNMPTN is an exclusive invitation-based pathway for high school graduates who have demonstrated outstanding academic achievements based on their academic records throughout their secondary education (grades 10-12 or high school). Applicants are typically the top-ranked students from selected high schools in Indonesia. The selection process is organized and conducted by the national selection committee established by the Directorate General of Higher Education of the Ministry of Education and Culture of Indonesia.
2. The Joint Selection for State University Admission (SBMPTN) through Computer-Based Written Examinations (UTBK) is a collective admission process for state universities in Indonesia organized by the Consortium of Indonesian Higher Education Institutions. Similar to SNMPTN, SBMPTN is one of the national selection procedures required by state universities, administered by the Directorate General of Higher Education of the Ministry of Education and Culture of Indonesia. The selection process involves registering on the official website and proceeding to a written examination. SBMPTN participants are high school graduates from the current year and the two preceding years. To be admitted to a specific program, the selection committee ranks prospective students based on examination scores and sets a specific passing score for each candidate.
3. Local Admission and Selection

   Local Selection is an entrance examination independently conducted by Hasanuddin University for all its study programs. For the undergraduate (S1) programs, local admission and selection are designed to attract prospective new students who wish to enroll in regular programs. Local admission and selection encompass two pathways, as described below.

   a. Non-Subsidized Pathway (JNS)
      The Non-Subsidized Pathway (JNS) is a self-administered entrance examination conducted by Hasanuddin University, which offers an opportunity to students who did not succeed in SBMPTN but still achieved a

threshold score. The selection process takes place after the announcement of SBMPTN results.

b. Achievement Pathway
The Achievement Pathway is based on POSK (Exploration of Academic, Sports, Arts, and Scientific Achievements) and the Student Council Chairman (Ketua OSIS) pathway. It is also a self-administered entrance examination conducted by Hasanuddin University based on academic, sports, arts, and scientific achievements. The assessment of POSK and Student Council Chairman is determined by the SBMPTN score for the same admission year and the significance of skills/talents as evidenced by achievement certificates or tokens provided by the applicants.

All the admission processes mentioned above are centrally coordinated through the university. Information and all procedures for domestic student admissions can be accessed through http://regpmb.unhas.ac.id/ , while for international students, it can be accessed through https://foreignstudent.unhas.ac.id/.

2.2. CURRICULUM

The curriculum of the Bachelor's Program in Statistics is developed based on the needs of external stakeholders (alumni and their employers) and internal stakeholders (faculty and students), the institution's vision and mission, or changes in relevant legislation and regulations. This development process also takes into account the Indonesian National Qualifications Framework (KKNI) and the National Standards for Higher Education (SN-Dikti), as well as input and recommendations from professional organizations such as the Forum for Statistics Higher Education Providers in Indonesia (FORSTAT) and the results of benchmarking activities. The implementation and minor evaluation of the curriculum are conducted routinely at the end of each semester, while major curriculum implementation, evaluation, and revision occur periodically every 4 to 5 years in accordance with the Guidelines for Curriculum Development in Higher Education (Directorate General of Higher Education, 2016) and the National Standards for Higher Education (SN-Dikti) Article 39, paragraph (2). Periodic curriculum review and development efforts are undertaken to maintain and enhance the quality of the learning process. They also serve as a means for the program and the university to adapt to advancements in knowledge, technology, and changing market demands as identified by stakeholders.

The curriculum structure is designed from fundamental and general courses to advanced courses that support the competencies of Statistics graduates, which are delivered over the course of the first to fourth years. This curriculum structure is developed by adapting to the labor market and technological advancements to ensure that Statistics Program graduates possess in-depth foundational knowledge, professional expertise, and skills in the field of Statistics. Additionally, graduates of the Statistics Program need to have proficiency in using technology and soft skills such as communication, ethics, teamwork, and self-development to be competitive and employable in the workforce. Therefore, the courses included in the curriculum structure are designed based on the Expected Learning Outcomes (ELOs) of the Statistics Program. Furthermore, government programs like the Independent Campus Learning Program (Program Merdeka Belajar Kampus Merdeka - MBKM) are among the initiatives that need to be integrated into the curriculum development process. These programs aim to prepare students to face rapid social changes, the evolving job market, and the fast-paced advancements in technology.

The curriculum of the Bachelor's Program in Statistics has experienced dynamic developments since 2010, aligning with the ever-evolving landscape of science and technology as well as market demands. The 2018 curriculum was designed and developed based on the principles of Output Based Education (OBE), with a focus on defining graduate profiles and deriving learning outcomes encapsulated in the form of Expected Learning Outcomes (ELOs). The graduate profiles outline the competency

requirements, knowledge, and skills that graduates must possess to carry out their roles. At that time, 8 graduate profiles and 15 ELOs were formulated. Subsequently, the 2020 curriculum, known as the 2018 Higher Education Curriculum (KPT 2018), was developed through an evaluation of the 2018 curriculum, with revisions to the graduate profiles and a reformulation of the ELOs. It began to take into account the MBKM program. Initially, 3 graduate profiles and 11 ELOs were established, which were then organized into 5 domains: attitudes, knowledge, general skills, specific skills, and managerial skills. Following recommendations from FORSTAT after the Statistics Bachelor's Curriculum Workshop, managerial skills were eliminated since they were already accommodated within the general skills based on SN-Dikti, resulting in 11 ELOs being reduced to 9. In November 2020, a further evaluation was conducted, taking into consideration feedback from stakeholders to accommodate the concept of the Indonesian maritime continent as part of the university's vision and mission, as well as considering existing research trends within the program. Consequently, one ELO was reformulated to emphasize graduates' ability to analyze data, particularly data related to the Indonesian maritime continent, highlighting the role of graduates in contributing to the development of the Indonesian maritime continent through data analysis.

2.3. REGULATION OF BACHELOR DEGREE PROGRAM IN STATISTICS

The regulations governing the implementation of the Bachelor's Program at Hasanuddin University are based on Rector Regulation No. 2781/UN4.1/KEP/2018. Several rules related to student admissions, the learning process, and student evaluation in the Statistics Program are provided below.

a. **Student Admission**

1. Admission of New Students, regulated in Chapter III Article 3.

   The admission of new students to the Bachelor's Program is in accordance with the University Hasanuddin's regulations on the admission of new students.

2. Re-registration of New Students, regulated in Chapter V Section Six, Article 10.

   (1). The results of the selection for prospective new students are determined by the Rector's Decree and announced online and/or through printed media.

   (2). Prospective students who are accepted must re-register according to the established schedule.

   (3). Prospective students must undergo a verification process for the authenticity of the required documents for enrollment as new students at Hasanuddin University.

3. Re-registration of Continuing Students, regulated in Chapter V Section Seven, Article 11.

   (1). Every student is required to re-register by completing administrative and academic registration to be recognized as an active student and participate in academic activities.

   (2). Students who are inactive for two consecutive semesters are considered to have discontinued their studies.

   (3). Students are officially considered participants in a course if that course is included in the current semester's Course Registration Form (KRS).

   (4). The KRS must receive approval from the Academic Advisor, Head of Program Study (KPS)/Department Chair, and be endorsed by the Dean.

b. **Conducting Academic Activities** is regulated in Chapter V Part One Article 5.

(1). The conduct of academic activities for the Bachelor's Program is divided into 2 (two) semesters each year, following the Academic Calendar.

(2). All academic activities for the Bachelor's Program must comply with all applicable provisions, regulations, and laws.

(3). Academic activities for the Bachelor's Program include lectures, seminars, research, and thesis examinations.

(4). The Bachelor's Program can be conducted in the form of International Classes with a foreign language as the medium of instruction.

(5). The Bachelor's Program can be conducted in the form of Distance Learning (DL) or in the form of Off-Campus Study Programs (PSDKU) in accordance with applicable regulations.

c. **Study Load,** regulated in Chapter V Part Two Article 6.

(1). The Bachelor's Program curriculum must contain a minimum study load of 144 credits and a maximum of 150 credits with a maximum study duration of 14 (fourteen) semesters.

(2). The number of credits that can be programmed in one semester is at least 12 credits and a maximum of 24 credits.

(3). Students are allowed to program fewer than 12 credits in one semester if all programmed courses have been passed, except for special courses such as community service (KKN), field practice, research seminar, and/or thesis.

(4). Students who do not program any courses are declared inactive for the respective semester.

(5). Students who are inactive for 2 (two) consecutive semesters are considered to have dropped out of the program.

(6). Courses that can be programmed by students are those offered in the current semester for students who are in active status.

d. **Evaluation of Learning Results,** regulated in Chapter VIII Article 23

(1). Courses that have a face to face learning process in the Undergraduate Program, evaluation is carried out with the following requirements:

a. Students participating in the course are active students.
b. Lecturers have conducted at least 85% of the face to face plans at the RPS; and

c. Students have participated in at least 80% of the learning activities.

(2). Evaluation of student learning outcomes is carried out in accordance with the Semester Learning Plan.

(3). The value of learning outcomes is expressed by letters with the conversion of the number form, namely:

Range of Score	Letter Values	Conversion Value
85 – 100	A	4.00
80 - < 85	A-	3.75
75 - < 80	B+	3.50
70 - < 75	B	3.00
65 - < 70	B-	2.75
60 – < 65	C+	2.50
50 – < 60	C	2.00
40 – < 50	D	1.00
< 40	E	0.00

(4). Values A through D are pass value, while E values are non-pass grades.

(5). Courses with a value of E must be repeated and programmed in the following semester to get a grade pass.

(6). Graduation scores cannot be repeated in the following semester, except:

a. D value; and
b. C value, with a minimum of 114 credit points and a GPA of <3.00

(7). Repeated subjects as mentioned in paragraph (6) may inly be repeated once and the final value is recognized

(8). Evaluation of learning outcomes of repeated courses as mentioned in paragraph (5) and (6) must follow the requirements as regulated in paragraph (1).

(9). K value (blank) is given to students who have resigned from the course legally and in writing with the approval of the Academic Advisor and is known by head of study program and the Dean, and determined by permission from the chancellor.

(10). M (satisfactory) or TM (unsatisfactory) grades are given by the main supervisor at the end of the current semester for the thesis programmed in study plan card

and still in process.

(11). M and TM scores are not included in the calculation of the semester performance index (IPS)

(12). Evaluation of learning outcomes is carried out by lecturers or lecturer teams in accordance with student learning outcomes and reported to the Unhas Management Information System by the course coordinator according to the schedule on the Academic Calendar.

e. **Grade point average**, regulated in Chapter IX Article 24

(1). The Success of student studies is stated by the Achievement Index (IP)

(2). Semester Achievement Index (IPS) is calculated from the conversion value and credit point of each course listed in KRS with the following formula:

$$IPS = \frac{\sum N_i \times K_i}{\sum K_i}$$

N_i = quality value after being synchronized to the value of the conversion of the course *i.*

K_i = the weight of credits in the first course in one semester

(3). Grade Point Average (GPA) is calculated from all course grades that have been graduated by students using the formula as referred to in point (2).

(4). IPS and GPA as referred to in point (2) and (3) above are listed on the Study Result Card (KHS).

f. **Mechanism for Submitting Objections to Learning Outcome Grades**, regulated in Chapter XI Article 26.

(1). Students may submit objections to the grades they have received in the current semester.

(2). The mechanism for submitting objections to student learning outcome grades, as mentioned in paragraph (1), follows the regulations set forth by the University Chancellor.

g. **Academic Advisor**, regulated in Chapter V Section Sixteen Article 20.

(1). An academic advisor is a lecturer who, in addition to fulfilling the duties of higher education's tri dharma, may also serve as a mentor, guide, and/or advisor assisting students in the decision-making process related to academic and non-academic activities.

(2). Academic advisors are appointed by the Dean through the recommendation of the Department/Division/Program Chairperson via an official Decree.

h. **Research,** regulated in Chapter V Section Thirteen, Article 17.

(1). Undergraduate students must conduct research as part of the preparation of their thesis with a weight of 4 to 6 credits.

(2). Thesis can be scheduled on the Course Registration Form (KRS) after students have completed a minimum of 114 credits.

(3). The form, scope, depth of research, and thesis format for a study program are determined by the Dean's Decree.

(4). The research topic must be approved by the main supervisor and the supporting supervisor.

(5). Research can be conducted both within and outside the Unhas campus environment and must be supervised by the main supervisor and the supporting supervisor.

(6). The execution of research and the preparation of the thesis must be monitored and evaluated by the main supervisor.

(7). The process of guiding the implementation of research and thesis writing must be carried out in a structured manner within the Unhas campus environment, at least 4 (four) times in one semester, and must be recorded in a logbook and/or in the Unhas Student Information System.

i. **Determination of Thesis Supervisors**, regulated in Chapter V Section Twelve Article 16.

(1). The determination of thesis supervisors refers to the Rector's Decree regarding the supervision of Unhas students' theses.

(2). The appointment of thesis supervisors shall be made by the study program no later than Semester VI.

j. **Graduation Requirements**

1. Graduation Requirements are regulated in Chapter XIII, Part One, Article 28.

(1). Complete all credits as stipulated in the curriculum of the study program with a minimum grade of C in the thesis examination and maintain a minimum GPA of 2.00 after the thesis examination.

(2). Have fulfilled all administrative requirements specified by the study program, Faculty, and Unhas.

(3). Have undergone a graduation examination (judicium) and possess an alumni number.

2. Graduation Predicate

(1). Graduation predicate consists of three levels which are satisfying, very satisfying and cum laude included in academic transcripts.

(2). Graduation predicate as referred to in point (1) based on the GPA is as follows:

a. GPA 2.00 – 2.75 : ordinary;

b. GPA 2.76 – 3.00 : satisfying;

c. GPA 3.01 – 3.50 : very satisfying; and

d. GPA 3.51 – 4.00 : cum laude.

(3). The predicate of cum laude is approved in point (2) given approval of the value of the thesis examination that A, the value of each course as low as B, never repeat the course, and the present study period with a judicium for maximum eight semesters.

(4). When the point (3) is not qualified so the graduation predicate is very satisfying.

k. **Community Service**

(1). Community Service can be in the form of regular, national, partnership, professional or thematic, field work practices, industrial work practices, or other forms determined by the Chancellor's Decision.

(2) The Department can choose the type of community service as referred to in point (1) in accordance with the formulation intended learning outcomes (ILO) and the Department's curriculum.

(3). Community service as referred to in point (1) must have a learning objective formulated by each manager.

(4). The mechanism for conducting community service will be regulated separately by Rector's Regulation.

l. **Cancellation and Replacement of Courses**, regulated in Chapter V Section Eight Article 12.

(1). Students may cancel or replace one or more courses that have been scheduled according to the Academic Calendar.

(2). Requests for the cancellation or replacement of one or more courses must be approved by the Academic Advisor, Head of the Study Program (KPS), and the Dean.

m. **Withdrawal from All Courses,** regulated in Chapter V Section Nine Article 13.

(1). In case of force majeure, students may withdraw from all courses they are currently enrolled in.

(2). Requests for withdrawal as mentioned in paragraph (1) must be approved by the Head of the Study Program (KPS) and submitted in writing to the Academic Administration Bureau through the Dean no later than one month before the end of the ongoing semester or as specified in the Academic Calendar.

(3). Students who withdraw from all courses in the ongoing semester for reasons mentioned in paragraph (1) will not have that semester counted in their study period.

(4). Withdrawal from all courses as mentioned in paragraph (1) can only be done once during the study period.

(5). Students receiving scholarships must obtain approval from the scholarship-granting institution to withdraw from all courses.

(6). Students in collaborative programs must obtain approval from the home institution of the collaboration to withdraw from all courses.

n. **Academic Leave,** regulated in Chapter V Section Ten Article 14.

(1). Academic leave for 1 (one) semester is only given to students a maximum of 2 (two) times during the study period and is not allowed two consecutive semesters and has never resigned from all courses.

(2). Leave as referred to in point (1) cannot be carried out consecutively with the resignation of all courses.

(3) Academic leave is not permitted in the first and second semester.

(4). Scholarship recipients are not permitted to take academic leave.

(5). Cooperation class students are not permitted to take academic leave, unless otherwise stipulated in the cooperation agreement.

(6) During academic leave, students are not permitted to participate in all academic activities in any form.

(7). An application for academic leave must obtain approval from the head of study program and it must be submitted in writing to the Academic Administration through the Dean no later than 1 (one) week before the inaugural lecture.

(8). Academic leave periods are not included in the calculation of study period.

(9). Students with academic leave status are not charged tuition fees.

o. **Discontinuation of Studies**, regulated in Chapter XV, Article 31.

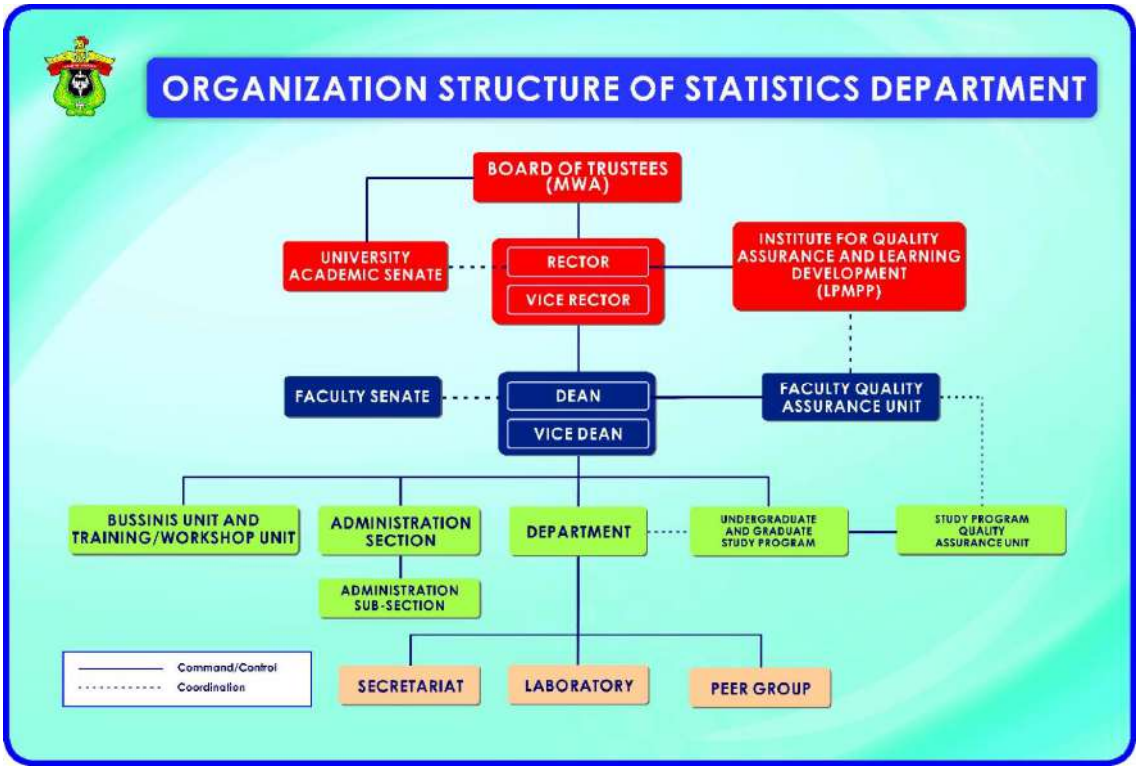
(1). Students are declared to have discontinued their studies, except as mentioned in Article 4, paragraph (6), Article 6, paragraph (5), Article 7, paragraph (2), Article 11, paragraph (2), and Article 19, paragraph (8), if:

a. They have completed their study period according to the applicable regulations.
b. They voluntarily withdraw.
c. The evaluation at the end of the fourth semester does not yield a GPA of at least 2.00, calculated from at least 48 credits that have been completed.
d. They are expelled for committing criminal acts and/or violating regulations established by the government and/or Unhas.

(2). The decision to discontinue studies is determined by the Rector's Decree.

2.4. ORGANIZATIONAL STRUCTURE OF STATISTICS STUDY PROGRAM

The organizational structure of the Bachelor's Degree Program in Statistics is a hierarchy that is inseparable from the program's position as a unit within the Faculty and University, namely the Faculty of Mathematics and Natural Sciences at Hasanuddin University, as depicted in the following diagram.



Picture 1 Organizational Structure of Bachelor's Degree in Statistics Study Program

2.5. LIST OF LECTURERS

The Bachelor's Degree Program in Statistics has a total of 12 (twelve) civil servant lecturers and 3 (three) non-civil servant lecturers. The expertise of all lecturers lies in the field of statistical science, encompassing various developments in theory, models, and applications. Curriculum development is carried out by taking into account the availability of lecturers and their respective research areas. Initially, the field of study was divided into two main areas: theoretical statistics and applied statistics. However, as the qualifications of the lecturers within the program have evolved, curriculum development has become increasingly aligned with the research areas of the lecturers. Currently, the Bachelor's Degree Program in Statistics has qualified resources, including 6 individuals with Ph.D. qualifications and 9 individuals with Master's qualifications. Each lecturer specializes in different research areas, including quality control, statistical economics, inferential statistics, stochastic analysis, survival and Bayesian analysis, as well as computation and modeling. The program offers a range of courses that have evolved from the research areas of the lecturers. These courses include Statistical Quality Control, Experimental Design, Econometrics, Survival Analysis, Stochastic Analysis, Bayesian Statistical Analysis, Time Series Analysis, and Nonparametric Regression. A detailed list of Statistics program lecturers is provided in the following table.

Table 1 List of Lecturers of The Bachelor's Program in Statistics

No.	Lecturer Name	Postgraduate Education		Expertise	Academic Position
		Master/Applied Master/ Specialist	Doctor/ Applied Doctor/ Specialist		
1	2	3		4	5
1	Dr. Nirwan, M.Si.	Magister Statistika ITB	Doktor Terapan UNHAS	Econometrics	Lecturer
2	Dr. Dr. Georgina Maria Tinungki, M.Si.	Statistika IPB	Pendidikan Statististika, Pengelolaan Sumber Daya Pesisir dan Lautan (UPI)	Applied Statistics	Head Lecturer

No.	Lecturer Name	Postgraduate Education		Expertise	Academic Position
		Master/Applied Master/ Specialist	Doctor/ Applied Doctor/ Specialist		
1	2	3		4	5
3	Drs. Raupong, M.Si.	Magister Statistika Institut Pertanian Bogor	-	Regression and Experimental Design	Head Lecturer
4	Dra. Nasrah Sirajang, M.Si.	Magister Matematika KK Statistika Universitas Hasanuddin	-	Applied Statistics	Lecturer
5	Dr. Nurtiti Sunusi, S.Si., M.Si.	Magister Matematika, KK Statistika di Institut Teknologi Bandung (ITB)	Doktor Matematika KK. Statisitka di Institut Teknologi Bandung (ITB)	Stochastic Processes	Head Lecturer
6	Anisa, S.Si., M.Si.	Magister Statistika Institut Pertanian Bogor	-	Applied Statistics	Head Lecturer
7	Andi Kresna Jaya, S.Si., M.Si.	Magister Matematika, KK Statistika di Institut Teknologi Bandung (ITB)	-	Analysis and Algebra	Lecturer
8	Dr. Erna Tri Herdiani, S.Si., M.Si.	Magister Matematika, KK Statistika di Institut Teknologi Bandung (ITB)	Doktor Matematika KK. Statisitka di Institut Teknologi Bandung (ITB)	Multivariate Statistics	Head Lecturer
9	Sri Astuti Thamrin, S.Si., M.Stat., Ph.D.	Master of Statistics (S2), The University of Newcastle, Australia	Doctor of Philosophy (S3) in Statistical Science, Queensland University of Technology, Australia	Bayesian Methods, Survival Analysis, Data Mining	Head Lecturer
10	Dr. Anna Islamiyati, S.Si., M.Si.	Magister Statistika di Jurusan Statistika Institut Teknologi Sepuluh Nopember Surabaya, 2009	Doktor Statistika di Departemen Matematika Universitas Airlangga Surabaya, 2019	Nonparametric Statistics	Head Lecturer
11	Sitti Sahriman, S.Si., M.Si.	Magister Statistika Terapan Institut Pertanian Bogor	-	Applied Statistics	Lecturer
12	Siswanto, S.Si., M.Si.	Magister Statistika Institut Pertanian Bogor	-	Spatial Statistics	Lecturer

2.6. LABORATORY

The Statistics Laboratory is a laboratory of the Statistics Bachelor's Degree Program that serves educational activities, especially practical work, as well as training and research that support the Tri Dharma of Higher Education and the general public. The Statistics Laboratory consists of two separate laboratory rooms: Statistics Laboratory Room A, which can accommodate 10-20 computers, and Statistics Laboratory Room B, which can accommodate 25-40 computers.

Information about the Statistics Bachelor's Degree Program Laboratory can be accessed at https://stat.sci.unhas.ac.id/fasilitas-pembelajaran/laboratorium. The academic atmosphere in the laboratory can be seen in the following images.

Picture 2a. Statistics Laboratoty A

Picture 3a. Statistics Laboratory B

2.7. LIBRARY

At the university level, faculty and students of the Bachelor's Degree Program in Statistics can access the Hasanuddin University Central Library both directly and through the library link at http://library.unhas.ac.id . On this page, several e-journals and e-books are accessible for all disciplines at Hasanuddin University, including the Bachelor's Degree Program in Statistics.

At the faculty level, access to journals can be obtained through the Faculty of Mathematics and Natural Sciences (FMIPA) Hasanuddin University Library page, which provides textbooks and journals for FMIPA students, including those in the Bachelor's Degree Program in Statistics. Further information regarding these library facilities can be seen in the following image.

Picture 3a. Hasanuddin University Library

Picture 3b. Faculty of Mathematics and Natural Sciences Library

3. SUPPORTING OF STUDENT LIFE

3.1 HOSPITALITY IN HEALTHCARE

Students of the Bachelor's Degree Program in Statistics, in particular, and students of Hasanuddin University in general, can utilize the healthcare facilities located within the campus area, namely the Hasanuddin University Polyclinic, as well as Hasanuddin University Hospital, Wahidin Sudirohusodo Hospital, and Hasanuddin University Dental and Oral Hospital.

Picture 4a. Healthcare Facilities Located within The Campus Area

Furthermore, for students in need of academic guidance and counseling for personal matters, students can contact the Counseling and Guidance Department of Hasanuddin University, and they can also reach out to the Counseling and Guidance Department of Hasanuddin University Hospital, as depicted in the following image.

Picture 4b. The Counseling and Guidance at Hasanuddin University.

Meanwhile, for students who are unwell and require guidance and academic leave, they can contact their Academic Advisors to facilitate communication with the Faculty and provide the best possible solutions.

3.2. STUDENT HOUSING

There are various types of accommodations available for Hasanuddin University students who come from various regions in Indonesia, and even for international students, including the university dormitories (Ramsis UNHAS), Rental Apartment Towers (RUSUNAWA UNHAS), and rented rooms/houses located around the campus area, as depicted in the following images.

Picture 5 Student Dormitory in Hasanuddin University Campus Area

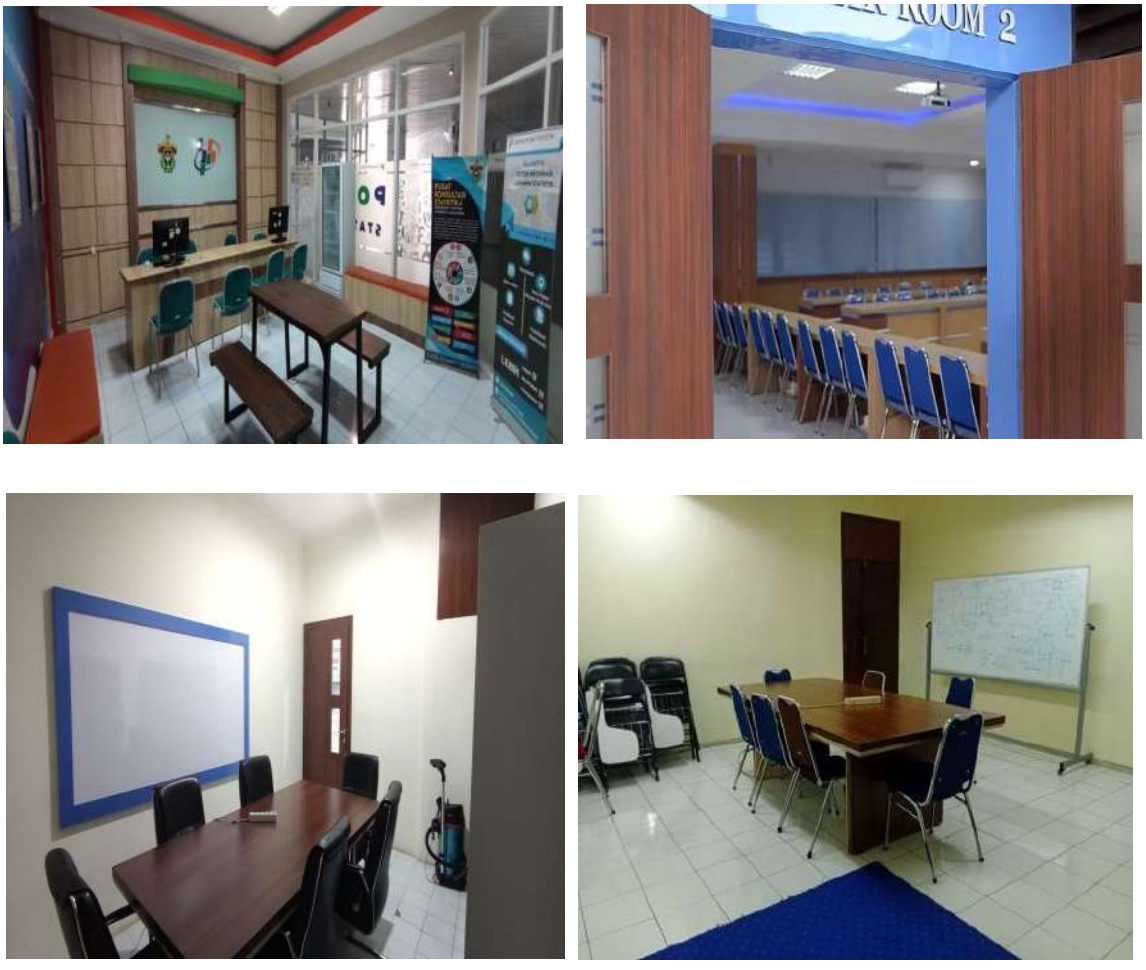
3.3. TRANSPORTATION

For Hasanuddin University students who do not have private vehicles, public transportation is the most convenient way to reach the campus, hospitals, community health centers, immigration offices, shopping centers, the city center, and other destinations. Specifically for UNHAS Tamalanrea Campus, where the Bachelor's Degree Program in Statistics is located, several public transportation options like blue and purple-striped city buses make it convenient for students to arrive directly at UNHAS Tamalanrea Campus. Additionally, various ride-sharing services are also alternatives for accessing UNHAS Campus, apart from online transportation modes such as MRT and others.

Picture 6 Student Transportation Facility in Hasanuddin University

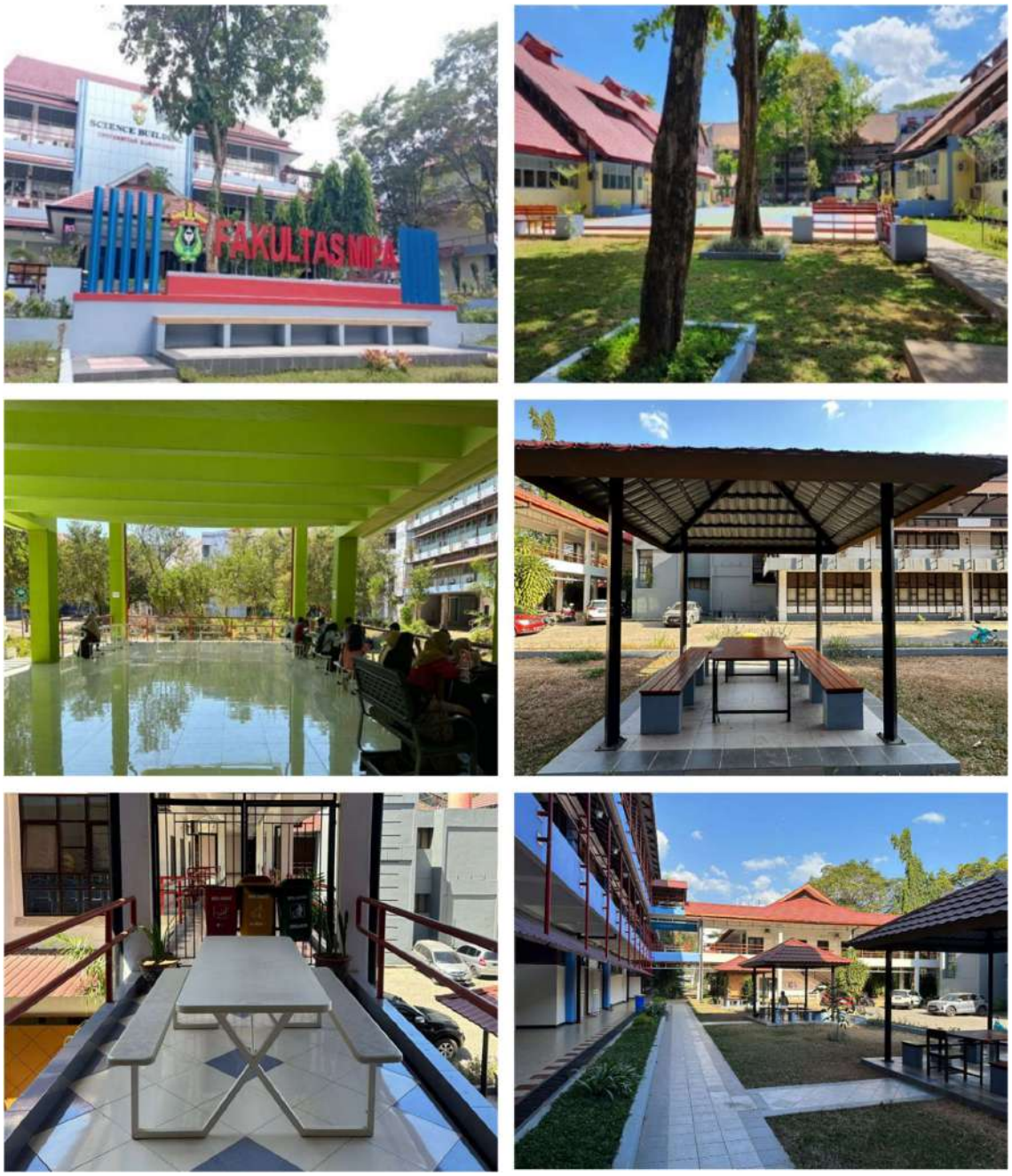
3.4. OTHER FACILITIES

The University, Faculty, and study programs also provide facilities to support the learning process and the development of Statistics students' competencies. These facilities include fully equipped and standardized sports and arts facilities based on the principles of necessity and effective utilization. Additionally, there are open spaces furnished with tables and chairs, equipped with electrical outlets to facilitate students' internet access, as illustrated in the following image.



Picture 7. Service for Learning Process Development and Student Competence Development.

Picture 8. Facilities and Services for Sports, Arts, and Culture for Students.



Picture 9. Open Spaces for Learning and Internet Access for Students.